

Entered Values

TRACE® 700 version 6.3.3

Cooling Design Period: January thru December
Peak Hour Override: 0
Daylight Savings Period:
Summer Period:

Cooling Methodology: CLTD-CLF (ASHRAE TFM)
Heating Methodology: UATD
Infiltration Methodology: Vary with wind speed
Outside Film Methodology: Vary with wind speed
Terrain Methodology: Center of a large city

Room Circ Rate: Medium
Wall Load To Plenum: YES
Building Orientation: 315 degrees from north

Simulation Hours: Full year
Calendar Code: Standard (1978)
Energy Simulation Period: January thru December

Location:
Summer Design Dry Bulb: 91.20 °F
Summer Design Wet Bulb: 74.00 °F
Winter Design Dry Bulb: 19.50 °F

Summer Clearness Number: 1.00
Winter Clearness Number: 1.00

Summer Ground Reflectance: 0.20
Winter Ground Reflectance: 0.20
Carbon Dioxide Level: 400 ppm

Force VAV Min => Nominal Ventilation at Design: Yes
Allow Energy Recovery/Transfer at Design: No
Retest Design Peaks: Yes
Calculate Building Block Loads: No

Close ventilation dampers during unoccupied hours: Yes

ENTERED VALUES PLANTS

Cooling Plant: Chiller Plant

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: 90.1-10 Min Var Vol Chilled Water Pump
Secondary pump consumption: 80 hp
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop			
TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: CH-001			Cooling Type: Centrifugal 3-Stage w/ Var Freq Dr		Chiller Plant
Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	575.0 tons	0.5753 kW/ton	Chilled water:	90.1-10 Min Var Vol Chilled Water Pump	15.00 hp
Heat recovery:			Condenser water:	90.1-10 Min Var Vol Cond Water Pump	40.00 hp
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	
Heat Rejection and Thermal Storage			Equipment Options		
Heat rejection type: Optimized VFD C-tower-10 Range		Sequencing type: Optimal	Free clg type: None	Energy source:	
Thermal storage type: None		Demand lim priority:	Fluid cooler type: None	Reject cond heat: Heat Reject.Equip	
T-storage capacity: 0 ton-hr		Dsn chilled water delta T: 10 °F	Load shed econ: no	Cond. heat to plant:	
T-storage schedule: Storage		Dsn cond water delta T: 10 °F	Evap precooling: no	Equip schedule: Available (100%)	
			Hot gas reheat No		
Reset Based On	Reset Curve	Max Reset TD			
Chilled Water:None	None	0°F			
Condenser Water:None	None	0°F			
Equipment tag: CH-002			Cooling Type: Centrifugal 3-Stage w/ Var Freq Dr		Chiller Plant
Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	575.0 tons	0.5753 kW/ton	Chilled water:	90.1-10 Min Var Vol Chilled Water Pump	15.00 hp
Heat recovery:			Condenser water:	90.1-10 Min Var Vol Cond Water Pump	40.00 hp
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	
Heat Rejection and Thermal Storage			Equipment Options		
Heat rejection type: Optimized VFD C-tower-10 Range		Sequencing type: Optimal	Free clg type: None	Energy source:	
Thermal storage type: None		Demand lim priority:	Fluid cooler type: None	Reject cond heat: Heat Reject.Equip	
T-storage capacity: 0 ton-hr		Dsn chilled water delta T: 10 °F	Load shed econ: no	Cond. heat to plant:	
T-storage schedule: Storage		Dsn cond water delta T: 10 °F	Evap precooling: no	Equip schedule: Available (100%)	
			Hot gas reheat No		
Reset Based On	Reset Curve	Max Reset TD			
Chilled Water:None	None	0°F			
Condenser Water:None	None	0°F			
Equipment tag: CH-003			Cooling Type: Centrifugal 3-Stage w/ Var Freq Dr		Chiller Plant
Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	575.0 tons	0.5753 kW/ton	Chilled water:	90.1-10 Min Var Vol Chilled Water Pump	15.00 hp
Heat recovery:			Condenser water:	90.1-10 Min Var Vol Cond Water Pump	40.00 hp
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	
Heat Rejection and Thermal Storage			Equipment Options		

Project Name:

Dataset Name: .TRC

TRACE® 700 v6.3.3 calculated at 09:19 AM on 06/05/2019

Alternative - 1 Entered Values - Plants Page 1 of 19

ENTERED VALUES PLANTS

Heat rejection type: Optimized VFD C-tower-10 Range	Sequencing type: Optimal	Free clg type: None	Energy source:
Thermal storage type: None	Demand lim priority:	Fluid cooler type: None	Reject cond heat: Heat Reject.Equip
T-storage capacity: 0 ton-hr	Dsn chilled water delta T: 10 °F	Load shed econ: no	Cond. heat to plant:
T-storage schedule: Storage	Dsn cond water delta T: 10 °F	Evap precooling: no	Equip schedule: Available (100%)
		Hot gas reheatNo	
Reset Based On	Reset Curve	Max Reset TD	
Chilled Water:None	None	0°F	
Condenser Water:None	None	0°F	

Cooling Plant: RTU-201 DX

Sizing method: Peak	Geothermal Loop
Heat rejection type: None	TLoop Ent Bldg: None
Secondary distribution pump: None	TLoop schedule: None
Secondary pump consumption: 0 Ft Water	Flow rate: 100.00% of condenser flow rate
Thermal storage type: None	Loop pump: None
Thermal storage capacity: 0 ton-hr	Pump F.L. rate: 0.00ft water
Thermal storage schedule: Off (0%)	Flow scheme: Fully mixed
	Loop fluid glycol: 0%
	Heat exchanger approach: 0°F

Equipment tag: RTU-201 DX

Cooling Type: 90.1-10 Min AC SS AllHeat <65 MBh

RTU-201 DX

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling: 35.8 Mbh		14.4000	Chilled water: None		
Heat recovery:		Packaged EER	Condenser water: None		
Tank charging:			Heat recovery or aux cond: None		
Tank charging & heat recovery:			Free cooling: None		
Heat Rejection and Thermal Storage			Equipment Options		
Heat rejection type: 90.1 Min Air Cooled Condenser		Sequencing type: Single	Free clg type: None	Energy source:	
Thermal storage type: None		Demand lim priority:	Fluid cooler type: None	Reject cond heat: Heat Reject.Equip	
T-storage capacity: 0 ton-hr		Dsn chilled water delta T: 12 °F	Load shed econ: no	Cond. heat to plant:	
T-storage schedule: Storage		Dsn cond water delta T: 0 °F	Evap precooling: no	Equip schedule: Available (100%)	
			Hot gas reheatNo		
Reset Based On	Reset Curve	Max Reset TD			
Chilled Water:None	None	10,000°F			
Condenser Water:None	None	0°F			

Package energy breakout	Primary fan	Secondary fan	Exhaust fan	Optional ventilation fan	Condenser fan
Included in full load energy rate	Yes	No	No	No	Yes

Apply same fans for heat recovery energy breakout: No

Cooling Plant: RTU-202 DX

Sizing method: Peak	Geothermal Loop
Heat rejection type: None	TLoop Ent Bldg: None
Secondary distribution pump: None	TLoop schedule: None
Secondary pump consumption: 0 Ft Water	Flow rate: 100.00% of condenser flow rate
Thermal storage type: None	Loop pump: None
Thermal storage capacity: 0 ton-hr	Pump F.L. rate: 0.00ft water
Thermal storage schedule: Off (0%)	Flow scheme: Fully mixed
	Loop fluid glycol: 0%
	Heat exchanger approach: 0°F

Equipment tag: RTU-202 DX

Cooling Type: 90.1-10 Min AC SS AllHeat <65 MBh

RTU-202 DX

Project Name:

Dataset Name: .TRC

TRACE® 700 v6.3.3 calculated at 09:19 AM on 06/05/2019

Alternative - 1 Entered Values - Plants Page 2 of 19

ENTERED VALUES PLANTS

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling: 64.1 Mbh		14.2000 Packaged EER	Chilled water: None		
Heat recovery:			Condenser water: None		
Tank charging:			Heat recovery or aux cond: None		
Tank charging & heat recovery:			Free cooling: None		
Heat Rejection and Thermal Storage			Equipment Options		
Heat rejection type: 90.1 Min Air Cooled Condenser		Sequencing type: Single	Free clg type: None		Energy source:
Thermal storage type: None		Demand lim priority:	Fluid cooler type: None		Reject cond heat: Heat Reject.Equip
T-storage capacity: 0 ton-hr		Dsn chilled water delta T: 12 °F	Load shed econ: no		Cond. heat to plant:
T-storage schedule: Storage		Dsn cond water delta T: 0 °F	Evap precooling: no		Equip schedule: Available (100%)
			Hot gas reheat No		
Reset Based On	Reset Curve	Max Reset TD			
Chilled Water:None	None	10,000°F			
Condenser Water:None	None	0°F			

Package energy breakout	Primary fan	Secondary fan	Exhaust fan	Optional ventilation fan	Condenser fan
Included in full load energy rate	Yes	No	No	No	Yes

Apply same fans for heat recovery energy breakout: No

Cooling Plant: RTU-203 DX

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop			
TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: RTU-203 DX

Cooling Type: 90.1-10 Min AC SS AllHeat <65 MBh

RTU-203 DX

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling: 45.1 Mbh		15.0000 Packaged EER	Chilled water: None		
Heat recovery:			Condenser water: None		
Tank charging:			Heat recovery or aux cond: None		
Tank charging & heat recovery:			Free cooling: None		
Heat Rejection and Thermal Storage			Equipment Options		
Heat rejection type: 90.1 Min Air Cooled Condenser		Sequencing type: Single	Free clg type: None		Energy source:
Thermal storage type: None		Demand lim priority:	Fluid cooler type: None		Reject cond heat: Heat Reject.Equip
T-storage capacity: 0 ton-hr		Dsn chilled water delta T: 12 °F	Load shed econ: no		Cond. heat to plant:
T-storage schedule: Storage		Dsn cond water delta T: 0 °F	Evap precooling: no		Equip schedule: Available (100%)
			Hot gas reheat No		
Reset Based On	Reset Curve	Max Reset TD			
Chilled Water:None	None	10,000°F			
Condenser Water:None	None	0°F			

Package energy breakout	Primary fan	Secondary fan	Exhaust fan	Optional ventilation fan	Condenser fan
Included in full load energy rate	Yes	No	No	No	Yes

Apply same fans for heat recovery energy breakout: No

Project Name:

Dataset Name: .TRC

TRACE® 700 v6.3.3 calculated at 09:19 AM on 06/05/2019

Alternative - 1 Entered Values - Plants Page 3 of 19

ENTERED VALUES PLANTS

Cooling Plant: RTU-301/2 DX

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop			
TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: RTU-301/2 DX

Cooling Type: 90.1-10 Min AC SS/SP Other 135-240 MBh

RTU-301/2 DX

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	316.6 Mbh	15.0000 Packaged EER	Chilled water:	None	
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	
Heat Rejection and Thermal Storage			Equipment Options		
Heat rejection type:	90.1 Min Air Cooled Condenser	Sequencing type:	Single	Free clg type:	None
Thermal storage type:	None	Demand lim priority:		Fluid cooler type:	None
T-storage capacity:	0 ton-hr	Dsn chilled water delta T:	12 °F	Load shed econ:	no
T-storage schedule:	Storage	Dsn cond water delta T:	0 °F	Evap precooling:	no
				Hot gas reheat:	No
Reset Based On	Reset Curve	Max Reset TD			
Chilled Water:	None	None			
Condenser Water:	None	None			

Package energy breakout	Primary fan	Secondary fan	Exhaust fan	Optional ventilation fan	Condenser fan
Included in full load energy rate	Yes	No	No	No	Yes

Apply same fans for heat recovery energy breakout: No

Cooling Plant: RTU-401 DX

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop			
TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: RTU-401 DX

Cooling Type: 90.1-10 Min AC SS AllHeat <65 MBh

RTU-401 DX

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	46.2 Mbh	14.2000 Packaged EER	Chilled water:	None	
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	
Heat Rejection and Thermal Storage			Equipment Options		

ENTERED VALUES PLANTS

Heat rejection type: 90.1 Min Air Cooled Condenser		Sequencing type: Single		Free clg type: None		Energy source:	
Thermal storage type: None		Demand lim priority:		Fluid cooler type: None		Reject cond heat: Heat Reject.Equip	
T-storage capacity: 0 ton-hr		Dsn chilled water delta T: 12 °F		Load shed econ: no		Cond. heat to plant:	
T-storage schedule: Storage		Dsn cond water delta T: 0 °F		Evap precooling: no		Equip schedule: Available (100%)	
				Hot gas reheat No			
Reset Based On		Reset Curve		Max Reset TD			
Chilled Water:None		None		10,000°F			
Condenser Water:None		None		0°F			

Package energy breakout	Primary fan	Secondary fan	Exhaust fan	Optional ventilation fan	Condenser fan
Included in full load energy rate	Yes	No	No	No	Yes

Apply same fans for heat recovery energy breakout: No

Cooling Plant: RTU-402 DX

Sizing method: Peak	Geothermal Loop			
Heat rejection type: None	TLoop Ent Bldg: None	Flow scheme:	Fully mixed	
Secondary distribution pump: None	TLoop schedule: None	Loop fluid glycol:	0%	
Secondary pump consumption: 0 Ft Water	Flow rate: 100.00% of condenser flow rate	Heat exchanger approach:	0°F	
Thermal storage type: None	Loop pump: None			
Thermal storage capacity: 0 ton-hr	Pump F.L. rate: 0.00ft water			
Thermal storage schedule: Off (0%)				

Equipment tag: RTU-402 DX			Cooling Type: 90.1-10 Min AC SS AllHeat <65 MBh			RTU-402 DX
Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption	
Cooling:	35.8 Mbh	14.2000	Packaged	EER	Chilled water: None	
Heat recovery:					Condenser water: None	
Tank charging:					Heat recovery or aux cond: None	
Tank charging & heat recovery:					Free cooling: None	
Heat Rejection and Thermal Storage		Equipment Options				
Heat rejection type: 90.1 Min Air Cooled Condenser		Sequencing type: Single		Free clg type: None		Energy source:
Thermal storage type: None		Demand lim priority:		Fluid cooler type: None		Reject cond heat: Heat Reject.Equip
T-storage capacity: 0 ton-hr		Dsn chilled water delta T: 12 °F		Load shed econ: no		Cond. heat to plant:
T-storage schedule: Storage		Dsn cond water delta T: 0 °F		Evap precooling: no		Equip schedule: Available (100%)
				Hot gas reheat No		
Reset Based On	Reset Curve	Max Reset TD				
Chilled Water:None	None	10,000°F				
Condenser Water:None	None	0°F				

Package energy breakout	Primary fan	Secondary fan	Exhaust fan	Optional ventilation fan	Condenser fan
Included in full load energy rate	Yes	No	No	No	Yes

Apply same fans for heat recovery energy breakout: No

ENTERED VALUES PLANTS

Cooling Plant: Split System HP

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop			
TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: Air-cooled unitary - 009

Cooling Type: 90.1-10 Min AC SS AllHeat <65 MBh

Split System HP

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	34.6 Mbh	15.1000 Packaged EER	Chilled water:	None	
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	
Heat Rejection and Thermal Storage			Equipment Options		
Heat rejection type:	90.1 Min Air Cooled Condenser	Sequencing type:	Single	Free clg type:	None
Thermal storage type:	None	Demand lim priority:		Fluid cooler type:	None
T-storage capacity:	0 ton-hr	Dsn chilled water delta T:	12 °F	Load shed econ:	no
T-storage schedule:	Storage	Dsn cond water delta T:	0 °F	Evap precooling:	no
				Hot gas reheat:	No
Reset Based On	Reset Curve	Max Reset TD			
Chilled Water:	None	None			
Condenser Water:	None	None			

Package energy breakout	Primary fan	Secondary fan	Exhaust fan	Optional ventilation fan	Condenser fan
Included in full load energy rate	Yes	No	No	No	Yes

Apply same fans for heat recovery energy breakout: No

Cooling Plant: No Cooling

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop			
TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: No Cooling

Cooling Type: Default air-cooled unitary

No Cooling

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	0.0 tons	0.0000 kW/ton	Chilled water:	None	
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	
Heat Rejection and Thermal Storage			Equipment Options		

ENTERED VALUES PLANTS

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water:None	None	0°F
Condenser Water:None	None	0°F

ENTERED VALUES PLANTS

Heating Plant: DHW-Elec

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: DHW-Elec

Heating Type: Electric Hot Water Boiler

DHW-Elec

Heating capacity: 6.0 kW
Energy rate: 100.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: Water circulating pump
Hot water pump cons: 0.06 kW

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: DHW-Gas

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: DHW-Gas

Heating Type: Gas Fired Hot Water Boiler

DHW-Gas

Heating capacity: 199.0 Mbh
Energy rate: 97.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: Water circulating pump
Hot water pump cons: 0.13 kW

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: Elec Heat

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: Elec Heat

Heating Type: Default electric resistance

Elec Heat

Heating capacity: 8.8 kW
Energy rate: 100.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

ENTERED VALUES PLANTS

Heating Plant: Hot Water Boiler

Sizing method: Peak
 Cogeneration type: None
 Secondary distribution pump: 90.1-10 Min Var Vol HW Pump
 Secondary pump consumption: 60 hp
 Thermal storage type: None
 Thermal storage capacity: 0 ton-hr

Equipment tag: BLR001

Heating Type: Default Boiler

Hot Water Boiler

Heating capacity: 5,000.0 Mbh
 Energy rate: 91.00 % Effic.

Thermal storage type: None
 Thermal storage capacity: 0 ton-hr
 Thermal storage schedule: Storage

Hot water pump type: Heating water circ pump
 Hot water pump cons: 1.50 hp

Equipment schedule: Available (100%)
 Demand limiting priority:

Equipment tag: BLR002

Heating Type: Default Boiler

Hot Water Boiler

Heating capacity: 5,000.0 Mbh
 Energy rate: 91.00 % Effic.

Thermal storage type: None
 Thermal storage capacity: 0 ton-hr
 Thermal storage schedule: Storage

Hot water pump type: Heating water circ pump
 Hot water pump cons: 1.50 hp

Equipment schedule: Available (100%)
 Demand limiting priority:

Heating Plant: Humidifier Steam Gen

Sizing method: Peak
 Cogeneration type: None
 Secondary distribution pump: None
 Secondary pump consumption: 0 Ft Water
 Thermal storage type: None
 Thermal storage capacity: 0 ton-hr

Equipment tag: Humidier Steam Gen

Heating Type: Electric Steam Boiler

Humidifier Steam Gen

Heating capacity: 560.0 kW
 Energy rate: 100.00 % Effic.

Thermal storage type: None
 Thermal storage capacity: 0 ton-hr
 Thermal storage schedule: Storage

Hot water pump type: Heating water circ pump
 Hot water pump cons: 0.00 Ft Water

Equipment schedule: Available (100%)
 Demand limiting priority:

ENTERED VALUES PLANTS

Heating Plant: MAU-201 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-201 HX

Heating Type: Default gas-fired heat exchanger

MAU-201 HX

Heating capacity: 940.0 Mbh
Energy rate: 90.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: MAU-202 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-202 HX

Heating Type: Default gas-fired heat exchanger

MAU-202 HX

Heating capacity: 1,127.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: MAU-203 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-203 HX

Heating Type: Default gas-fired heat exchanger

MAU-203 HX

Heating capacity: 1,127.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

ENTERED VALUES PLANTS

Heating Plant: MAU-204 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-204 HX

Heating Type: Default gas-fired heat exchanger

MAU-204 HX

Heating capacity: 940.0 Mbh
Energy rate: 90.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: MAU-205 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-205 HX

Heating Type: Default gas-fired heat exchanger

MAU-205 HX

Heating capacity: 2,348.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: MAU-206-211 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-206-211 HX

Heating Type: Default gas-fired heat exchanger

MAU-206-211 HX

Heating capacity: 4,227.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

ENTERED VALUES PLANTS

Heating Plant: MAU-301 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-301 HX

Heating Type: Default gas-fired heat exchanger

MAU-301 HX

Heating capacity: 1,409.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: MAU-302 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-302 HX

Heating Type: Default gas-fired heat exchanger

MAU-302 HX

Heating capacity: 1,409.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: MAU-303-305 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-303-305 HX

Heating Type: Default gas-fired heat exchanger

MAU-303-305 HX

Heating capacity: 3,757.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

ENTERED VALUES PLANTS

Heating Plant: MAU-401-404 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: MAU-401-404 HX

Heating Type: Default gas-fired heat exchanger

MAU-401-404 HX

Heating capacity: 4,148.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: No Heat

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: No Heat

Heating Type: Default Boiler

No Heat

Heating capacity: 0.0 Mbh
Energy rate: 92.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: Heating water circ pump
Hot water pump cons: 0.00 Ft Water

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: RTU-201 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: RTU-201 HX

Heating Type: Default gas-fired heat exchanger

RTU-201 HX

Heating capacity: 60.0 Mbh
Energy rate: 80.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

ENTERED VALUES PLANTS

Heating Plant: RTU-202/3 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: RTU-202 HX

Heating Type: Default gas-fired heat exchanger

RTU-202/3 HX

Heating capacity: 160.0 Mbh
Energy rate: 81.30 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: RTU-401 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: RTU-401 HX

Heating Type: Default gas-fired heat exchanger

RTU-401 HX

Heating capacity: 130.0 Mbh
Energy rate: 80.80 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

Heating Plant: RTU-402 HX

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: RTU-402 HX

Heating Type: Default gas-fired heat exchanger

RTU-402 HX

Heating capacity: 80.0 Mbh
Energy rate: 81.30 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Equipment schedule: Available (100%)
Demand limiting priority:

ENTERED VALUES PLANTS

Base Utilities

Plant assigned to: DHW-Elec Type: QRO Dom Hot Water	Description: QRO Dom Hot Water Demand limiting priority:	Schedule: Available (100%) Hourly demand: 0.29 gpm
Plant assigned to: DHW-Gas Type: QRO Dom Hot Water	Description: QRO Dom Hot Water Demand limiting priority:	Schedule: Available (100%) Hourly demand: 0.98 gpm
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: QRO Motor Loads Demand limiting priority:	Schedule: Available (100%) Hourly demand: 4,629.00 kW
Plant assigned to: Stand-alone Type: Kitchen Gas	Description: Kitchen Gas Demand limiting priority:	Schedule: Available (100%) Hourly demand: 400.10 therms
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: HVLS Fans Demand limiting priority:	Schedule: Available (100%) Hourly demand: 18.00 kW
Plant assigned to: Stand-alone Type: Parking lot lights	Description: Parking lot lights Demand limiting priority:	Schedule: Parking lot lights Hourly demand: 20.50 kW
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: Air Compressor Load-CS Demand limiting priority:	Schedule: Available (100%) Hourly demand: 574.20 kW
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: Air Compressor Load-VSD Demand limiting priority:	Schedule: Available (100%) Hourly demand: 156.60 kW

Miscellaneous accessories

Plant assigned to: Chiller Plant Equipment tag: All	Type: None Description:	Schedule: Off (0%) Energy: 0.00 kW
--	----------------------------	---------------------------------------

ENTERED VALUES PLANTS

Cooling Plant: Chiller Plant

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: 90.1-10 Min Var Vol Chilled Water Pump
Secondary pump consumption: 7 Watt/gpm
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop			
TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: CH-001			Cooling Type: 90.1-10 Min Cent Chl >600 tons Path A			Chiller Plant
Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption	
Cooling:	25.0 %Plant Capacity	0.5700 kW/ton	Chilled water:	90.1 Min CV Chilled Water pump	15.00	Watt/gpm
Heat recovery:			Condenser water:	90.1 Min CV Cond Water Pump	19.00	Watt/gpm
Tank charging:			Heat recovery or aux cond:	None		
Tank charging & heat recovery:			Free cooling:	None		
Heat Rejection and Thermal Storage			Equipment Options			
Heat rejection type:	90.1 Min Cooling Tower		Sequencing type:	Parallel	Free clg type:	None
Thermal storage type:	None		Demand lim priority:		Fluid cooler type:	None
T-storage capacity:	0 ton-hr		Dsn chilled water delta T:	12 °F	Load shed econ:	no
T-storage schedule:	Storage		Dsn cond water delta T:	10 °F	Evap precooling:	no
					Hot gas reheat	No
Reset Based On			Reset Curve	Max Reset TD		
Chilled Water:	Outside air	90.1-10 Min Chilled Water Reset		10°F		
Condenser Water:	None	None		0°F		
Equipment tag: CH-002			Cooling Type: 90.1-10 Min Cent Chl >600 tons Path A			Chiller Plant
Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption	
Cooling:	25.0 %Plant Capacity	0.5700 kW/ton	Chilled water:	90.1 Min CV Chilled Water pump	15.00	Watt/gpm
Heat recovery:			Condenser water:	90.1 Min CV Cond Water Pump	19.00	Watt/gpm
Tank charging:			Heat recovery or aux cond:	None		
Tank charging & heat recovery:			Free cooling:	None		
Heat Rejection and Thermal Storage			Equipment Options			
Heat rejection type:	90.1 Min Cooling Tower		Sequencing type:	Parallel	Free clg type:	None
Thermal storage type:	None		Demand lim priority:		Fluid cooler type:	None
T-storage capacity:	0 ton-hr		Dsn chilled water delta T:	12 °F	Load shed econ:	no
T-storage schedule:	Storage		Dsn cond water delta T:	10 °F	Evap precooling:	no
					Hot gas reheat	No
Reset Based On			Reset Curve	Max Reset TD		
Chilled Water:	Outside air	90.1-10 Min Chilled Water Reset		10°F		
Condenser Water:	None	None		0°F		
Equipment tag: CH-003			Cooling Type: 90.1-10 Min Cent Chl >600 tons Path A			Chiller Plant
Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption	
Cooling:	25.0 %Plant Capacity	0.5700 kW/ton	Chilled water:	90.1 Min CV Chilled Water pump	15.00	Watt/gpm
Heat recovery:			Condenser water:	90.1 Min CV Cond Water Pump	19.00	Watt/gpm
Tank charging:			Heat recovery or aux cond:	None		
Tank charging & heat recovery:			Free cooling:	None		
Heat Rejection and Thermal Storage			Equipment Options			

Project Name:

Dataset Name: .TRC

TRACE® 700 v6.3.3 calculated at 09:19 AM on 06/05/2019

Alternative - 2 Entered Values - Plants Page 16 of 19

ENTERED VALUES PLANTS

Heat rejection type: 90.1 Min Cooling Tower			Sequencing type: Parallel			Free clg type: None			Energy source:																										
Thermal storage type: None			Demand lim priority:			Fluid cooler type: None			Reject cond heat: Heat Reject.Equip																										
T-storage capacity: 0 ton-hr			Dsn chilled water delta T: 12 °F			Load shed econ: no			Cond. heat to plant:																										
T-storage schedule: Storage			Dsn cond water delta T: 10 °F			Evap precooling: no			Equip schedule: Available (100%)																										
Hot gas reheat No																																			
Reset Based On			Reset Curve			Max Reset TD																													
Chilled Water:Outside air			90.1-10 Min Chilled Water Reset			10°F																													
Condenser Water:None			None			0°F																													
Equipment tag: CH-004												Cooling Type: 90.1-10 Min Cent Chl >600 tons Path A												Chiller Plant											
Operating Mode				Capacity				Energy Rate				Pumps				Type				Full Load Consumption															
Cooling:				25.0 %Plant Capacity				0.5700 kW/ton				Chilled water:				90.1 Min CV Chilled Water pump				15.00 Watt/gpm															
Heat recovery:												Condenser water:				90.1 Min CV Cond Water Pump				19.00 Watt/gpm															
Tank charging:												Heat recovery or aux cond:				None																			
Tank charging & heat recovery:												Free cooling:				None																			
Heat Rejection and Thermal Storage								Equipment Options																											
Heat rejection type: 90.1 Min Cooling Tower								Sequencing type: Parallel								Free clg type: None								Energy source:											
Thermal storage type: None								Demand lim priority:								Fluid cooler type: None								Reject cond heat: Heat Reject.Equip											
T-storage capacity: 0 ton-hr								Dsn chilled water delta T: 12 °F								Load shed econ: no								Cond. heat to plant:											
T-storage schedule: Storage								Dsn cond water delta T: 10 °F								Evap precooling: no								Equip schedule: Available (100%)											
Hot gas reheat No																Hot gas reheat No																			
Reset Based On				Reset Curve				Max Reset TD																											
Chilled Water:Outside air				90.1-10 Min Chilled Water Reset				10°F																											
Condenser Water:None				None				0°F																											

ENTERED VALUES PLANTS

Heating Plant: DHW-Gas

Sizing method: Peak
 Cogeneration type: None
 Secondary distribution pump: None
 Secondary pump consumption: 0 Ft Water
 Thermal storage type: None
 Thermal storage capacity: 0 ton-hr

Equipment tag: DHW-Gas

Heating Type: Gas Fired Hot Water Boiler

DHW-Gas

Heating capacity:
 Energy rate: 80.00 % Effic.

Thermal storage type: None
 Thermal storage capacity: 0 ton-hr
 Thermal storage schedule: Storage

Hot water pump type: Water circulating pump
 Hot water pump cons: 0.13 kW

Equipment schedule: Available (100%)
 Demand limiting priority:

Heating Plant: Hot Water Boiler

Sizing method: Peak
 Cogeneration type: None
 Secondary distribution pump: 90.1-10 Min Var Vol HW Pump
 Secondary pump consumption: 19 Watt/gpm
 Thermal storage type: None
 Thermal storage capacity: 0 ton-hr

Equipment tag: BLR001

Heating Type: 90.1-10 Min Boiler, HW, Gas >2500 MBh

Hot Water Boiler

Heating capacity: 50.0 %Plant Capacity
 Energy rate: 80.00 % Effic.

Thermal storage type: None
 Thermal storage capacity: 0 ton-hr
 Thermal storage schedule: Storage

Hot water pump type: Heating water circ pump
 Hot water pump cons: 0.00 Ft Water

Equipment schedule: Available (100%)
 Demand limiting priority:

Equipment tag: BLR002

Heating Type: 90.1-10 Min Boiler, HW, Gas >2500 MBh

Hot Water Boiler

Heating capacity: 50.0 %Plant Capacity
 Energy rate: 80.00 % Effic.

Thermal storage type: None
 Thermal storage capacity: 0 ton-hr
 Thermal storage schedule: Storage

Hot water pump type: Heating water circ pump
 Hot water pump cons: 0.00 Ft Water

Equipment schedule: Available (100%)
 Demand limiting priority:

ENTERED VALUES PLANTS

Heating Plant: Humidifier Steam Gen

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Secondary pump consumption: 0 Ft Water
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: Humidier Steam Gen

Heating Type: 90.1-10 Min Boiler NatD Gas >2500 MBh

Humidifier Steam Gen

Heating capacity:
Energy rate: 77.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: Heating water circ pump
Hot water pump cons: 0.00 Ft Water

Equipment schedule: Available (100%)
Demand limiting priority:

Base Utilities

Plant assigned to: DHW-Gas Type: QRO Dom Hot Water	Description: QRO Dom Hot Water Demand limiting priority:	Schedule: Available (100%) Hourly demand: 0.29 gpm
Plant assigned to: DHW-Gas Type: QRO Dom Hot Water	Description: QRO Dom Hot Water Demand limiting priority:	Schedule: Available (100%) Hourly demand: 0.98 gpm
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: QRO Motor Loads Demand limiting priority:	Schedule: Available (100%) Hourly demand: 4,629.00 kW
Plant assigned to: Stand-alone Type: Kitchen Gas	Description: Kitchen Gas Demand limiting priority:	Schedule: Available (100%) Hourly demand: 400.10 therms
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: HVLS Fans Demand limiting priority:	Schedule: Available (100%) Hourly demand: 18.00 kW
Plant assigned to: Stand-alone Type: Parking lot lights	Description: Parking lot lights Demand limiting priority:	Schedule: Parking lot lights Hourly demand: 41.40 kW
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: Air Compressor Load-CS Demand limiting priority:	Schedule: Available (100%) Hourly demand: 574.20 kW
Plant assigned to: Stand-alone Type: QRO Motor Loads	Description: Air Compressor Load-VSD Demand limiting priority:	Schedule: Available (100%) Hourly demand: 156.60 kW

Miscellaneous accessories

Plant assigned to: Chiller Plant Equipment tag: All	Type: None Description:	Schedule: Off (0%) Energy: 0.00 kW
--	----------------------------	---------------------------------------

SYSTEM ENTERED VALUES

AHU-101 - Parallel Fan-Powered VAV, Htg Coil on Plenum Inlet

Design Air Conditions	Max	Min		
Cooling supply:	55.0 °F		Supply duct temperature diff: 0.0 °F	Design humidity ratio diff:
Leaving cooling coil:			Reheat Temperature diff: 0.0 °F	Min room relative humidity:
Heating supply:				

Economizer				
Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)

Advanced Options				
Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)		
Cooling coil location: System	Return fan motor location: Return	Optimum start schedule: Available (100%)		
Block cooling airflow: 24,000 cfm	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)		
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block			
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None		
Return air path: DUCTED	Apply Std62 People Avg: No			
	Std62 Max Vent (Z) Ratio:	System ventilation flag: Sum Room OA Reqs		
Reset per worst case room schedule: Available (100%)		Supply air path / duct location: Return Air		
Max reset: 10.0		Space convective gains to occupied layer: 100 %		
Use system default outside air reset: Yes		Underfloor plenum height:		
		Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu		
		Upstream nominal leakage fraction: 0 %		
		Downstream constant leakage fraction: 0 %		
		Aux cooling coil losses to plenum: 0 %		
	Control Method	Control Type		
Auxiliary cooling coil	Activate After Primary System	None		
Auxiliary heating coil	Activate After Primary System	None		
Auxiliary fan	No Fan			

Coils	Capacity	Schedule	Diversity
Main cooling:	1,244.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	384.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	604.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	Direct Drive AF Var Freq Drv	2.5 in. wg	0.9 in. wg	30.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	Direct Drive AF Var Freq Drv	1.0 in. wg	0.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	AF Centrifugal const vol	0.2 in. wg	0.5 in. wg	0.26000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	Parallel Fan Powered VAV	0.3 in. wg	NA	0.01660 kW/Cfm	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

RTU-201 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Off (0%)
	Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
		Std62 Max Vent (Z) Ratio:	
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	35.8 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	48.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	48.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	Fan coil supply fan	0.8 in. wg	0.9 in. wg	0.50000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	AF Centrifugal const vol	0.5 in. wg	0.5 in. wg	0.10000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

RTU-202 - Variable Volume Reheat (30% Min Flow Default)

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: System	Return fan motor location: Return	Optimum start schedule: Off (0%)
	Block cooling airflow: 1,600 cfm	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
		Std62 Max Vent (Z) Ratio:	
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	61.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	65.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	65.0Mbh	Available (100%)	
Reheat:	0.0 Mbh	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	0.8 in. wg	0.9 in. wg	0.59000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	AF Centrifugal const vol	0.5 in. wg	0.5 in. wg	0.20000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

RTU-203 - Variable Volume Reheat (30% Min Flow Default)

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer
Type: Enthalpy
"On" Point: Btu/lb
Max Percent OA: 100%
Schedule: Available (100%)

Advanced Options		
Cooling coil sizing method: Block Cooling coil location: System Block cooling airflow: 1,400 cfm Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: DUCTED	Supply fan motor location: Supply Return fan motor location: Return Supply fan configuration: Draw Thru Supply fan sizing: Block Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Off (0%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: 100 % Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils	Capacity	Schedule	Diversity
Main cooling:	45.1 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	65.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	65.0Mbh	Available (100%)	
Reheat:	0.0 Mbh	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	0.8 in. wg	0.9 in. wg	0.47000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

RTU-301/2 - Single Zone Variable Air Volume

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Off (0%)
	Block cooling airflow: 12,000 cfm	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	
		Std62 Max Vent (Z) Ratio:	System ventilation flag: Sum Room OA Reqs
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	316.6 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	0.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	100.0% of Design Capacity	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	0.8 in. wg	0.9 in. wg	10.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

RTU-401 - Single Zone Variable Air Volume

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer				
Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)

Advanced Options				
Cooling coil sizing method: Block		Supply fan motor location: Supply	Night purge schedule: Off (0%)	
Cooling coil location: Zone		Return fan motor location: Return	Optimum start schedule: Off (0%)	
Block cooling airflow: 1,900 cfm		Supply fan cfiguration: Draw Thru	Optimum stop schedule: Off (0%)	
Ventilation deck location: Return/Outdoor Deck		Supply fan sizing: Block	CO2-based DCV: None	
Supply duct location: Return Air		Fan mechanical efficiency : 75%		
Return air path: DUCTED		Apply Std62 People Avg: No		
		Std62 Max Vent (Z) Ratio:		
			System ventilation flag: Sum Room OA Reqs	
Reset per worst case room schedule: Off (0%)			Supply air path / duct location: Return Air	
Max reset:			Space convective gains to occupied layer: 100 %	
Use system default outside air reset: Yes			Underfloor plenum height:	
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu	
			Upstream nominal leakage fraction: 0 %	
			Downstream constant leakage fraction: 0 %	
			Aux cooling coil losses to plenum: 0 %	
	Control Method	Control Type		
Auxiliary cooling coil	Activate After Primary System	None		
Auxiliary heating coil	Activate After Primary System	None		
Auxiliary fan	No Fan			

Coils	Capacity	Schedule	Diversity
Main cooling: 46.2 Mbh	Available (100%)	People 100%	
Aux cooling:	Available (100%)	Lights 100%	
Main heating: 105.0 Mbh	Available (100%)	Misc loads 100%	
Aux heating:	Available (100%)		
Preheat: 100.0% of Design Capacity	Available (100%)		
Reheat: 100.0 % of Design Capacity	Available (100%)		
Humidification: 100.0 % of Design Capacity	Available (100%)		

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	0.8 in. wg	0.9 in. wg	0.77000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	AF Centrifugal const vol	0.5 in. wg	0.5 in. wg	0.10000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

RTU-402 - Single Zone Variable Air Volume

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Off (0%)
	Block cooling airflow: 1,600 cfm	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	
		Std62 Max Vent (Z) Ratio:	System ventilation flag: Sum Room OA Reqs
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	35.8 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	65.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	100.0% of Design Capacity	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	0.8 in. wg	0.9 in. wg	0.60000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	AF Centrifugal const vol	0.5 in. wg	0.5 in. wg	0.20000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

SS-101 - Single Zone

Design Air Conditions

Max Min

Cooling supply:	Supply duct temperature diff: 0.0 °F	Design humidity ratio diff:
Leaving cooling coil:	Reheat Temperature diff: 0.0 °F	Min room relative humidity:
Heating supply:		

Advanced Options

Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Off (0%)
Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
Return air path: ROOMDK	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
	Std62 Max Vent (Z) Ratio:	
Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
Max reset:		Space convective gains to occupied layer: 100 %
Use system default outside air reset: Yes		Underfloor plenum height:
		Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
		Upstream nominal leakage fraction: 0 %
		Downstream constant leakage fraction: 0 %
		Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil	Control Method	Control Type
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	None

Coils Capacity Schedule Diversity

Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:		Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

AHU-201 - Single Zone Variable Air Volume

Design Air Conditions	Max	Min		
Cooling supply:			Supply duct temperature diff: 0.0 °F	Design humidity ratio diff:
Leaving cooling coil:	52.0 °F		Reheat Temperature diff: 0.0 °F	Min room relative humidity:
Heating supply:				

Economizer				
Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)

Advanced Options				
Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)		
Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Available (100%)		
Block cooling airflow: 7,000 cfm	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)		
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block			
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None		
Return air path: DUCTED	Apply Std62 People Avg: No			
	Std62 Max Vent (Z) Ratio:	System ventilation flag: Sum Room OA Reqs		
Reset per worst case room schedule: Available (100%)		Supply air path / duct location: Return Air		
Max reset: 10.0		Space convective gains to occupied layer: 100 %		
Use system default outside air reset: Yes		Underfloor plenum height:		
		Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu		
		Upstream nominal leakage fraction: 0 %		
		Downstream constant leakage fraction: 0 %		
		Aux cooling coil losses to plenum: 0 %		
	Control Method	Control Type		
Auxiliary cooling coil	Activate After Primary System	None		
Auxiliary heating coil	Activate After Primary System	None		
Auxiliary fan	No Fan			

Coils	Capacity	Schedule	Diversity
Main cooling:	291.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	267.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	100.0% of Design Capacity	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	Direct Drive AF Var Freq Drv	2.5 in. wg	0.9 in. wg	10.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	Direct Drive AF Var Freq Drv	1.0 in. wg	0.0 in. wg	6.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	AF Centrifugal const vol	0.3 in. wg	0.5 in. wg	0.25000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

AHU-301 to 314 - Single Zone Variable Air Volume

Design Air Conditions	Max	Min
Cooling supply: Leaving cooling coil: Heating supply:		Supply duct temperature diff: 0.0 °F Reheat Temperature diff: 0.0 °F
		Design humidity ratio diff: Min room relative humidity: 45 %

Advanced Options

Cooling coil sizing method: Block Cooling coil location: Zone Block cooling airflow: 280,000 cfm Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: DUCTED	Supply fan motor location: Supply Return fan motor location: Return Supply fan configuration: Draw Thru Supply fan sizing: Block Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Off (0%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: 100 % Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil Auxiliary heating coil Auxiliary fan	Control Method Activate After Primary System Activate After Primary System No Fan	Control Type None None

Coils	Capacity	Schedule	Diversity
Main cooling:	9,142.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	4,914.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	100.0% of Design Capacity	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	560.0 kW	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	Direct Drive AF Var Freq Drv	1.0 in. wg	0.9 in. wg	280.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	Direct Drive AF Var Freq Drv	0.8 in. wg	0.0 in. wg	252.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

AHU202 to 204 - Single Zone Variable Air Volume

Design Air Conditions	Max	Min
Cooling supply: Leaving cooling coil: Heating supply:		Supply duct temperature diff: 0.0 °F Reheat Temperature diff: 0.0 °F
		Design humidity ratio diff: Min room relative humidity:

Advanced Options

Cooling coil sizing method: Block Cooling coil location: Zone Block cooling airflow: 45,750 cfm Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: DUCTED	Supply fan motor location: Supply Return fan motor location: Return Supply fan configuration: Draw Thru Supply fan sizing: Block Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Off (0%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: 100 % Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil Auxiliary heating coil Auxiliary fan	Control Method Activate After Primary System Activate After Primary System No Fan	Control Type None None

Coils	Capacity	Schedule	Diversity
Main cooling:	1,338.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	861.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	100.0% of Design Capacity	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	Direct Drive AF Var Freq Drv	2.5 in. wg	0.9 in. wg	30.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	Direct Drive AF Var Freq Drv	1.5 in. wg	0.0 in. wg	18.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	AF Centrifugal const vol	0.0 in. wg	0.5 in. wg	0.50000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

MAU-201 - Single Zone

Design Air Conditions

Max Min

Cooling supply:	Supply duct temperature diff: 0.0 °F	Design humidity ratio diff:
Leaving cooling coil:	Reheat Temperature diff: 0.0 °F	Min room relative humidity:
Heating supply:		

Economizer

Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
----------------	-------------	--------	----------------------	----------------------------

Advanced Options

Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Available (100%)
Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
	Std62 Max Vent (Z) Ratio:	
Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
Max reset:		Space convective gains to occupied layer: 100 %
Use system default outside air reset: Yes		Underfloor plenum height:
		Conductive resistance of raised floor: 0.8 hr-ft²-°F/Btu
		Upstream nominal leakage fraction: 0 %
		Downstream constant leakage fraction: 0 %
		Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil	Control Method	Control Type
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	None

Coils

Capacity

Schedule

Diversity

Main cooling: 0.0 Mbh	Available (100%)	People 100%
Aux cooling:	Available (100%)	Lights 100%
Main heating: 846.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:	Available (100%)	
Preheat: 846.0Mbh	Available (100%)	
Reheat: 100.0 % of Design Capacity	Available (100%)	
Humidification: 100.0 % of Design Capacity	Available (100%)	

Fans

Type

Static Press.

90.1 SP Adj

Full Load Energy Rate

Schedule

Efficiency

Priority

Primary	FC Centrifugal const vol	0.5 in. wg	0.9 in. wg	5.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.5 in. wg	1.00000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy	0.0 ft		

SYSTEM ENTERED VALUES

MAU-202 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer				
Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)

Advanced Options				
Cooling coil sizing method: Peak		Supply fan motor location: Supply	Night purge schedule: Off (0%)	
Cooling coil location: Zone		Return fan motor location: Return	Optimum start schedule: Available (100%)	
Block cooling airflow:		Supply fan cfiguration: Draw Thru	Optimum stop schedule: Off (0%)	
Ventilation deck location: Return/Outdoor Deck		Supply fan sizing: Peak	CO2-based DCV: None	
Supply duct location: Return Air		Fan mechanical efficiency : 75%		
Return air path: DUCTED		Apply Std62 People Avg: No		
		Std62 Max Vent (Z) Ratio:	System ventilation flag: Sum Room OA Reqs	
Reset per worst case room schedule: Off (0%)			Supply air path / duct location: Return Air	
Max reset:			Space convective gains to occupied layer: 100 %	
Use system default outside air reset: Yes			Underfloor plenum height:	
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu	
			Upstream nominal leakage fraction: 0 %	
			Downstream constant leakage fraction: 0 %	
			Aux cooling coil losses to plenum: 0 %	
	Control Method	Control Type		
Auxiliary cooling coil	Activate After Primary System	None		
Auxiliary heating coil	Activate After Primary System	None		
Auxiliary fan	No Fan			

Coils	Capacity	Schedule	Diversity
Main cooling: 0.0 Mbh	Available (100%)	People 100%	
Aux cooling:	Available (100%)	Lights 100%	
Main heating: 1,037.0 Mbh	Available (100%)	Misc loads 100%	
Aux heating:	Available (100%)		
Preheat: 1,037.0Mbh	Available (100%)		
Reheat: 100.0 % of Design Capacity	Available (100%)		
Humidification: 100.0 % of Design Capacity	Available (100%)		

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	AF Centrifugal const vol	0.5 in. wg	0.9 in. wg	7.50000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.5 in. wg	1.50000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

MAU-203 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer
Type: Enthalpy
"On" Point: Btu/lb
Max Percent OA: 100%
Schedule: Available (100%)

Advanced Options		
Cooling coil sizing method: Peak Cooling coil location: Zone Block cooling airflow: Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: DUCTED	Supply fan motor location: Supply Return fan motor location: Return Supply fan configuration: Draw Thru Supply fan sizing: Peak Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Available (100%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: 100 % Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	1,037.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	1,037.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	AF Centrifugal const vol	0.5 in. wg	0.9 in. wg	7.50000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.5 in. wg	0.75000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy	0.0 ft		

SYSTEM ENTERED VALUES

MAU-204 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Available (100%)
	Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
		Std62 Max Vent (Z) Ratio:	
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr-ft²-°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	846.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	846.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	AF Centrifugal const vol	0.5 in. wg	0.9 in. wg	5.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.5 in. wg	1.00000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

MAU-205 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Available (100%)
	Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
		Std62 Max Vent (Z) Ratio:	
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr-ft²-°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	2,160.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	2,160.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	AF Centrifugal const vol	0.5 in. wg	0.9 in. wg	30.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.5 in. wg	10.00000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

MAU-206-211 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Available (100%)
	Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
		Std62 Max Vent (Z) Ratio:	
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	3,888.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	3,888.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.9 in. wg	90.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

MAU-301 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Available (100%)
	Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
		Std62 Max Vent (Z) Ratio:	
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr-ft²-°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	1,296.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	1,296.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	AF Centrifugal const vol	0.5 in. wg	0.9 in. wg	15.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.5 in. wg	2.00000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy 0.0 ft			

SYSTEM ENTERED VALUES

MAU-302 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer
Type: Enthalpy
"On" Point: Btu/lb
Max Percent OA: 100%
Schedule: Available (100%)

Advanced Options		
Cooling coil sizing method: Peak Cooling coil location: Zone Block cooling airflow: Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: DUCTED	Supply fan motor location: Supply Return fan motor location: Return Supply fan cfiguration: Draw Thru Supply fan sizing: Peak Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Available (100%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: 100 % Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	1,296.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	1,296.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	AF Centrifugal const vol	0.5 in. wg	0.9 in. wg	15.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.5 in. wg	1.50000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy	0.0 ft		

SYSTEM ENTERED VALUES

MAU-303-305 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer	Type: Enthalpy	"On" Point:	Btu/lb	Max Percent OA: 100%	Schedule: Available (100%)
------------	----------------	-------------	--------	----------------------	----------------------------

Advanced Options	Cooling coil sizing method: Peak	Supply fan motor location: Supply	Night purge schedule: Off (0%)
	Cooling coil location: Zone	Return fan motor location: Return	Optimum start schedule: Available (100%)
	Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
	Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Peak	
	Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
	Return air path: DUCTED	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
		Std62 Max Vent (Z) Ratio:	
	Reset per worst case room schedule: Off (0%)		Supply air path / duct location: Return Air
	Max reset:		Space convective gains to occupied layer: 100 %
	Use system default outside air reset: Yes		Underfloor plenum height:
			Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction: 0 %
			Downstream constant leakage fraction: 0 %
			Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type	
Auxiliary cooling coil	Activate After Primary System	None	
Auxiliary heating coil	Activate After Primary System	None	
Auxiliary fan	No Fan		

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	3,456.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	3,456.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	0.5 in. wg	0.9 in. wg	130.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

MAU-401-404 - Single Zone

Design Air Conditions	Max	Min
Cooling supply:		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:		Reheat Temperature diff: 0.0 °F
Heating supply:		Design humidity ratio diff:
		Min room relative humidity:

Economizer
Type: Enthalpy
"On" Point: Btu/lb
Max Percent OA: 100%
Schedule: Available (100%)

Advanced Options		
Cooling coil sizing method: Peak Cooling coil location: Zone Block cooling airflow: Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: DUCTED	Supply fan motor location: Supply Return fan motor location: Return Supply fan configuration: Draw Thru Supply fan sizing: Peak Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Available (100%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: 100 % Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 Mbh	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	4,148.0 Mbh	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	4,148.0Mbh	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	AF Centrifugal const vol	0.5 in. wg	0.9 in. wg	30.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	90.1-13 Min VAV FC Centrifugal	0.5 in. wg	0.5 in. wg	6.00000 Nominal Hp	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling				Cycle with occupancy	0.0 ft		

SYSTEM ENTERED VALUES

Elec Unit Heaters - Unit Heaters

Design Air Conditions	Max	Min
Cooling supply: Leaving cooling coil: Heating supply:		Supply duct temperature diff: 0.0 °F Reheat Temperature diff: 0.0 °F
		Design humidity ratio diff: Min room relative humidity:

Advanced Options

Cooling coil sizing method: No Coil Cooling coil location: Room Block cooling airflow: Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: ROOMDK	Supply fan motor location: Supply Return fan motor location: Return Supply fan configuration: Draw Thru Supply fan sizing: No Fan Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Off (0%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil Auxiliary heating coil Auxiliary fan	Control Method Activate After Primary System Activate After Primary System No Fan	Control Type None None

Coils	Capacity	Schedule	Diversity
Main cooling:	0.0 % of Design Capacity by adjusting airfl	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	8.8 kW	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	100.0% of Design Capacity	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Secondary	Propeller fan	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with heating loads only		

SYSTEM ENTERED VALUES

Vent Only - Ventilation and Heating

Design Air Conditions	Max	Min
Cooling supply: Leaving cooling coil: Heating supply:		Supply duct temperature diff: 0.0 °F Reheat Temperature diff: 0.0 °F
		Design humidity ratio diff: Min room relative humidity:

Advanced Options

Cooling coil sizing method: No Coil Cooling coil location: Room Block cooling airflow: Ventilation deck location: Return/Outdoor Deck Supply duct location: Return Air Return air path: DUCTED	Supply fan motor location: Supply Return fan motor location: Return Supply fan configuration: Draw Thru Supply fan sizing: No Fan Fan mechanical efficiency : 75% Apply Std62 People Avg: No Std62 Max Vent (Z) Ratio:	Night purge schedule: Off (0%) Optimum start schedule: Off (0%) Optimum stop schedule: Off (0%) CO2-based DCV: None System ventilation flag: Sum Room OA Reqs
Reset per worst case room schedule: Off (0%) Max reset: Use system default outside air reset: Yes		Supply air path / duct location: Return Air Space convective gains to occupied layer: 100 % Underfloor plenum height: Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu Upstream nominal leakage fraction: 0 % Downstream constant leakage fraction: 0 % Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil Auxiliary heating coil Auxiliary fan	Control Method Activate After Primary System Activate After Primary System No Fan	Control Type None None

Coils	Capacity	Schedule	Diversity
Main cooling: 0.0 % of Design Capacity by adjusting airfl Aux cooling: Main heating: 100.0 % of Design Capacity Aux heating: Preheat: 100.0% of Design Capacity Reheat: 100.0 % of Design Capacity Humidification: 100.0 % of Design Capacity	Available (100%) Available (100%) Available (100%) Available (100%) Available (100%) Available (100%) Available (100%)		People 100% Lights 100% Misc loads 100%

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

Office First - System 7 - 2007 - Packaged RTU VAV Reheat Chill Water & Hot Water

Design Air Conditions

	Max	Min	
Cooling supply:	55.0 °F		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:			Reheat Temperature diff: 0.0 °F
Heating supply:			Design humidity ratio diff:
			Min room relative humidity:

Advanced Options

Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)
Cooling coil location: System	Return fan motor location: Return	Optimum start schedule: Available (100%)
Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block	
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
Return air path: PLENUM	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
	Std62 Max Vent (Z) Ratio:	
Reset per worst case room schedule: Available (100%)		Supply air path / duct location: Return Air
Max reset: 5.0		Space convective gains to occupied layer: 100 %
Use system default outside air reset: Yes		Underfloor plenum height:
		Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
		Upstream nominal leakage fraction: 0 %
		Downstream constant leakage fraction: 0 %
		Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil	Control Method	Control Type
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	None

Coils Capacity Schedule Diversity

Main cooling:	115.0 % of Design Cooling Capacity	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	125.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:		Available (100%)		
Preheat:	125.0% of Design Capacity	Available (100%)		
Reheat:	125.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	2.5 in. wg	0.9 in. wg	0.00022 kW/Cfm-in wg	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	90.1-10 Min VAV FC Centrifugal	1.0 in. wg	0.0 in. wg	0.00035 kW/Cfm-in wg	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.5 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

Office Second - System 7 - 2007 - Packaged RTU VAV Reheat Chill Water & Hot Water

Design Air Conditions

	Max	Min	
Cooling supply:	55.0 °F		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:			Reheat Temperature diff: 0.0 °F
Heating supply:			Design humidity ratio diff:
			Min room relative humidity:

Advanced Options

Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)
Cooling coil location: System	Return fan motor location: Return	Optimum start schedule: Available (100%)
Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block	
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
Return air path: PLENUM	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
	Std62 Max Vent (Z) Ratio:	
Reset per worst case room schedule: Available (100%)		Supply air path / duct location: Return Air
Max reset: 5.0		Space convective gains to occupied layer: 100 %
Use system default outside air reset: Yes		Underfloor plenum height:
		Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
		Upstream nominal leakage fraction: 0 %
		Downstream constant leakage fraction: 0 %
		Aux cooling coil losses to plenum: 0 %
	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils Capacity Schedule Diversity

Main cooling:	115.0 % of Design Cooling Capacity	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	125.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:		Available (100%)		
Preheat:	125.0% of Design Capacity	Available (100%)		
Reheat:	125.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	2.5 in. wg	0.9 in. wg	0.00022 kW/Cfm-in wg	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	90.1-10 Min VAV FC Centrifugal	1.0 in. wg	0.0 in. wg	0.00035 kW/Cfm-in wg	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.5 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

Factory - System 7 - 2007 - Packaged RTU VAV Reheat Chill Water & Hot Water

Design Air Conditions	Max	Min		
Cooling supply:	55.0 °F		Supply duct temperature diff: 0.0 °F	Design humidity ratio diff:
Leaving cooling coil:			Reheat Temperature diff: 0.0 °F	Min room relative humidity:
Heating supply:				

Advanced Options

Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)
Cooling coil location: System	Return fan motor location: Return	Optimum start schedule: Available (100%)
Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block	
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
Return air path: PLENUM	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
	Std62 Max Vent (Z) Ratio:	
Reset per worst case room schedule: Available (100%)		Supply air path / duct location: Return Air
Max reset: 5.0		Space convective gains to occupied layer: 100 %
Use system default outside air reset: Yes		Underfloor plenum height:
		Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
		Upstream nominal leakage fraction: 0 %
		Downstream constant leakage fraction: 0 %
		Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil	Control Method	Control Type
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	None

Coils	Capacity	Schedule	Diversity
Main cooling:	115.0 % of Design Cooling Capacity	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	125.0 % of Design Capacity	Available (100%)	Misc loads 100%
Aux heating:		Available (100%)	
Preheat:	125.0% of Design Capacity	Available (100%)	
Reheat:	125.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	2.5 in. wg	0.9 in. wg	0.00022 kW/Cfm-in wg	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	90.1-10 Min VAV FC Centrifugal	1.0 in. wg	0.0 in. wg	0.00035 kW/Cfm-in wg	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.5 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

SYSTEM ENTERED VALUES

Packaging - System 7 - 2007 - Packaged RTU VAV Reheat Chill Water & Hot Water

Design Air Conditions

	Max	Min	
Cooling supply:	55.0 °F		Supply duct temperature diff: 0.0 °F
Leaving cooling coil:			Reheat Temperature diff: 0.0 °F
Heating supply:			Design humidity ratio diff:
			Min room relative humidity: 45 %

Advanced Options

Cooling coil sizing method: Block	Supply fan motor location: Supply	Night purge schedule: Off (0%)
Cooling coil location: System	Return fan motor location: Return	Optimum start schedule: Available (100%)
Block cooling airflow:	Supply fan configuration: Draw Thru	Optimum stop schedule: Off (0%)
Ventilation deck location: Return/Outdoor Deck	Supply fan sizing: Block	
Supply duct location: Return Air	Fan mechanical efficiency : 75%	CO2-based DCV: None
Return air path: PLENUM	Apply Std62 People Avg: No	System ventilation flag: Sum Room OA Reqs
	Std62 Max Vent (Z) Ratio:	
Reset per worst case room schedule: Available (100%)		Supply air path / duct location: Return Air
Max reset: 5.0		Space convective gains to occupied layer: 100 %
Use system default outside air reset: Yes		Underfloor plenum height:
		Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
		Upstream nominal leakage fraction: 0 %
		Downstream constant leakage fraction: 0 %
		Aux cooling coil losses to plenum: 0 %
Auxiliary cooling coil	Control Method	Control Type
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	None

Coils Capacity Schedule Diversity

Main cooling:	115.0 % of Design Cooling Capacity	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	125.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:		Available (100%)		
Preheat:	125.0% of Design Capacity	Available (100%)		
Reheat:	125.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans	Type	Static Press.	90.1 SP Adj	Full Load Energy Rate	Schedule	Efficiency	Priority
Primary	90.1-10 Min VAV AF Centrifugal	2.5 in. wg	0.9 in. wg	0.00022 kW/Cfm-in wg	Available (100%)	90	
Secondary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Return	90.1-10 Min VAV FC Centrifugal	1.0 in. wg	0.0 in. wg	0.00035 kW/Cfm-in wg	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.5 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	NA	0.00000 kW	Available (100%)	85	
Fan Cycling					Cycle with occupancy 0.0 ft		

ENTERED VALUES

ROOM BY ROOM

Room Description: 1111 Training-N

Zone Description: F101

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 202 ft²	Fir-Fir Height: 16.0 ft			People Type: None		Cooling		Heating	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 7 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 510.00 cfm		To be calculated	
Clg Tstat: None						Aux Supply: To be calculated		To be calculated	
Htg Tstat: None						Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1								
CO2 Sensor Location:None									
Room Type:Conditioned									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Wall - 1	299 ft²	270	0	12" Conc, 4" Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	92	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100 0 60.00
Floor - 1															19 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1118 First Aid

Zone Description: F101

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 160 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating				
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None	None				
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 28.00 cfm	28.00 cfm				
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None				
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr				
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)					
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)					
Moisture Capacitance: Medium						Supply: 275.00 cfm	To be calculated				
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated				
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:					
				to space		Rm Exh Sched: Available (100%)					
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office							
Room Type:Conditioned				Lighting Amount: 152.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Wall - 1	197 ft²	270	0	12" Conc, 4" Ins (int)	0.0490	0.90											
Opening - 1				Window			90.1 Window Zone 3	56	0.33	0.57	Overhang - None	None	0.00				
Misc Load 1	0.200 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00
Floor - 1																12	0.73

Room Description: 1119 Restroom

Zone Description: F101

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 54 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating				
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None	None				
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm				
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None	None				
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr				
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)					
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)					
Moisture Capacitance: Medium						Supply: 45.00 cfm	To be calculated				
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated				
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 60.00 cfm					
				to space		Rm Exh Sched: Available (100%)					
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned				Lighting Amount: 0.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Wall - 1	100 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90											
Opening - 1				Window			90.1 Window Zone 3	6	0.33	0.57	Overhang - None	None	0.00				

ENTERED VALUES

ROOM BY ROOM

Room Description: 1110 Breakroom-N

Zone Description: F102

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 623 ft²	Fir-Fir Height: 16.0 ft			People Type: None		Cooling		Heating	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 40 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 320.00 cfm		320.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: DC Vent - Conf			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: MFR-Lockers 24/7		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 1,020.00 cfm		To be calculated	
Clg Tstat: None						Aux Supply: To be calculated		To be calculated	
Htg Tstat: None						Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1								
CO2 Sensor Location:None									
Room Type:Conditioned									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value								
Wall - 1	592 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90												
Opening - 1				Window			90.1 Window Zone 3	168	0.33	0.57		Overhang - None	None	0.00				
Floor - 1																	37	0.73

ENTERED VALUES

I

--

ENTERED VALUES

ROOM BY ROOM

Room Description: 1102 Conference

Zone Description: F104

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 165 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None			Vent Value: 97.00 cfm		None
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 97.00 cfm			Vent Value: 97.00 cfm		97.00 cfm
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None			Infil Value: 0.00 air changes/hr		None
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr			Infil Schedule: Available (100%)		0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Vav Airflow: Min: 30.00 % Clg Airflow			Vav Sched: Available (100%)		Max: 60.00 % Clg Airflow
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Supply: 490.00 cfm			Aux Supply: To be calculated		490.00 cfm
Design Relative Humidity: 50 %						Room Exhaust: To be calculated			Rm Exh Sched: Available (100%)		To be calculated
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Wall - 1	248 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1			Window			90.1 Window Zone 3	64	0.33	0.57	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft		People - Meeting Rm			Electricity						100	100	0	60.00
Floor - 1														16	0.73

Room Description: 1103 Restroom

Zone Description: F104

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 57 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None			Vent Value: 0.00 cfm		None
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm			Vent Value: 0.00 cfm		0.00 cfm
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None			Infil Value: 0.00 air changes/hr		None
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr			Infil Schedule: Available (100%)		0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Vav Airflow: Min: 30.00 % Clg Airflow			Vav Sched: Available (100%)		Max: 60.00 % Clg Airflow
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Supply: To be calculated			Aux Supply: To be calculated		To be calculated
Design Relative Humidity: 50 %						Room Exhaust: 50.00 cfm			Rm Exh Sched: Available (100%)		To be calculated
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				

ENTERED VALUES ROOM BY ROOM

Room Description: 1132 Office
Zone Description: F105
System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 116 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 23.00 cfm		23.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 250.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 76.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Wall - 1	171 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1			Window			90.1 Window Zone 3	64	0.33	0.57	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft		Misc - Low rise office			Electricity							100	100	0 60.00
Floor - 1															11 0.73

Room Description: 1133 HR Storage
Zone Description: F105
System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 64 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 7.00 cfm		7.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 30.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied					
Room Type:Conditioned				Lighting Amount: 38.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				

ENTERED VALUES

ROOM BY ROOM

Room Description: 1124 Corridor

Zone Description: F106

System Description: AHU-101

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 276 ft²	Flr-Flr Height: 16.0 ft	People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 96.00 cfm	96.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²·°F/Btu		People Schedule: People - Low Rise Office		Infil Type: None	None
Is There Carpet?: YES				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: 120.00 cfm	To be calculated
Clg Tstat: None		Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated
Htg Tstat: None		to space		Room Exhaust:	
		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)	
Thermostat Location:Zone	Floor Multiplier: 1	% Load to RA: 20 %			
Humidistat Location:Room	Room Multiplier: 1	Lighting Schedule: Lights - Low rise office			
CO2 Sensor Location:None		Lighting Amount: 120.0 W			
Room Type:Conditioned		Ballast Factor: 1.0			

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj	Pct	Pct	Pct	Rad	
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

Room Description: 1134 Work Station

Zone Description: F106

System Description: AHU-101

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 763 ft²	Flr-Flr Height: 16.0 ft	People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 16 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 676.00 cfm	676.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²·°F/Btu		People Schedule: People - Low Rise Office		Infil Type: None	None
Is There Carpet?: YES				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: 760.00 cfm	To be calculated
Clg Tstat: None		Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated
Htg Tstat: None		to space		Room Exhaust:	
		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)	
Thermostat Location:Zone	Floor Multiplier: 1	% Load to RA: 20 %			
Humidistat Location:Room	Room Multiplier: 1	Lighting Schedule: Lights - Low rise office			
CO2 Sensor Location:None		Lighting Amount: 960.0 W			
Room Type:Conditioned		Ballast Factor: 1.0			

										Glass					Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef		
							Energy Type												
Wall - 1	488 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90													
Opening - 1				Window			90.1 Window Zone 3	128	0.33	0.57	Overhang - None	None	0.00						
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0 60.00		
Floor - 1																	31 0.73		

ENTERED VALUES

ROOM BY ROOM

Room Description: 1131 Lockers

Zone Description: F107

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 1,131 ft²	Fir-Fir Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 64 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: MFR-Lockers 24/7		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 785.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust: 225.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: MFR-Lockers 24/7					
Room Type:Conditioned				Lighting Amount: 1,822.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Wall - 1	528 ft²	180	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	42	0.33	0.57	Overhang - None	None	0.00		
Floor - 1														33	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1135 Focus

Zone Description: F108

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 111 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 23.00 cfm	23.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None	None		
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 250.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 48.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Wall - 1	192 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	63	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0 60.00
Floor - 1															12 0.73

Room Description: 1136 Huddle

Zone Description: F108

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 122 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 73.00 cfm	73.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None	None		
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 120.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 76.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1223 Computer Lab

Zone Description: F201

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 339 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 12 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 313.00 cfm		313.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 440.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 228.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Roof - 1	339 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

Room Description: 1217 IT Workroom

Zone Description: F202

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 106 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 22.00 cfm		22.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 125.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Roof - 1	106 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

ENTERED VALUES ROOM BY ROOM

Room Description: 1225 IT Storage

Zone Description: F202

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 383 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 45.00 cfm		45.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 140.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 152.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Type						Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	383 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45			0			Overhang - None	None					

Room Description: 1218 Business Center

Zone Description: F203

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 180 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 31.00 cfm		31.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 105.00 cfm		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 76.0 W						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Type						Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	180 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45			0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1219 HR Office

Zone Description: F203

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None	None			
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 24.00 cfm	24.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None			
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 105.00 cfm	To be calculated			
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated			
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

Room Description: 1220 Huddle

Zone Description: F203

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 140 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 5 People		Vent Type: None	None			
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 75.00 cfm	75.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None	None			
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 330.00 cfm	To be calculated			
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated			
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Roof - 1	140 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Wall - 1	279 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90											
Opening - 1				Window			90.1 Window Zone 3	58	0.33	0.57	Overhang - None	None	0.00				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1221 HR Storage

Zone Description: F203

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 44 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 5.00 cfm		5.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 20.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 20.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	44 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0	Overhang - None	None					

Room Description: 1222 Corridor

Zone Description: F203

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 339 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 60.00 cfm		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 80.0 W						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	339 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0	Overhang - None	None					

ENTERED VALUES

ROOM BY ROOM

Room Description: 1211 Focus

Zone Description: F204

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 80 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 19.00 cfm		19.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 60.00 cfm		To be calculated	
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 48.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Roof - 1	80 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

Room Description: 1214 Office

Zone Description: F204

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 200 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 33.00 cfm		33.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 160.00 cfm		To be calculated	
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 114.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Roof - 1	200 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1215 Wellness

Zone Description: F204

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 200 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 33.00 cfm		33.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 55.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 64.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading					
Roof - 1	200 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0		Overhang - None	None					
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0	60.00

Room Description: 1216 Electrical

Zone Description: F204

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 156 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 18.00 cfm		18.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 415.00 cfm		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: QRO - Lights Unoccupied					
CO2 Sensor Location:None				Lighting Amount: 118.0 W					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading					
Roof - 1	156 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0		Overhang - None	None					
Misc Load 1	10.000 W/sq ft			Available (100%)			None						100	100	0	60.00

ENTERED VALUES ROOM BY ROOM

Room Description: 1204 Open Office

Zone Description: F205/9

System Description: AHU-101

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 2,127 ft²	Flr-Flr Height: 19.0 ft			People Type: None				Cooling	Heating		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 24 People				Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h				Vent Value: 709.00 cfm	709.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office				Infil Type: None	None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium								Supply: 2,465.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS				Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Room Exhaust:			
				to space				Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office							
Room Type:Conditioned				Lighting Amount: 2,438.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	2,127 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	1,169 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	280	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00

Room Description: 1208 Flex

Zone Description: F206

System Description: AHU-101

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 814 ft²	Flr-Flr Height: 19.0 ft			People Type: None				Cooling	Heating		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 8 People				Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h				Vent Value: 231.00 cfm	231.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office				Infil Type: None	None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium								Supply: 495.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS				Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Room Exhaust:			
				to space				Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office							
Room Type:Conditioned				Lighting Amount: 464.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	814 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Misc Load 1	0.200 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1209 Huddle

Zone Description: F206

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 4 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 72.00 cfm		72.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 105.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0	60.00

Room Description: 1210 Office

Zone Description: F206

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 24.00 cfm		24.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 95.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1202 Conf

Zone Description: F207

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 377 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 14 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 180.00 cfm	180.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None	None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 490.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 416.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	External Shading						
Roof - 1	377 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

Room Description: 1205 Office

Zone Description: F208

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 24.00 cfm	24.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 100.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 76.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	External Shading						
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1206 Storage

Zone Description: F208

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 70 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 8.00 cfm		8.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 30.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 38.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	70 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0	Overhang - None	None					

Room Description: 1207 Focus

Zone Description: F208

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 80 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 29.00 cfm		29.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 50.00 cfm		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: People - Meeting Rm						
CO2 Sensor Location:None				Lighting Amount: 48.0 W						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	80 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0	Overhang - None	None					
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity					100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1203 Conf

Zone Description: F210

System Description: AHU-101

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 257 ft²	Flr-Flr Height: 19.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 9.0 ft	Height Above Flr:		# of People: 8 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 108.00 cfm	108.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: People - Meeting Rm		Infil Type: None	None	
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: 510.00 cfm	To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F						
Roof - 1	257 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Wall - 1	228 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1				Window			90.1 Window Zone 3	56	0.33	0.57	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1101 Lobby West

Zone Description: F211/14

System Description: AHU-101

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION	
Floor Area: 655 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 3 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 174.00 cfm	174.00 cfm
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %					Vav Sched: Available (100%)	
Moisture Capacitance: Medium					Supply: 2,430.00 cfm	To be calculated
Clg Tstat: None					Aux Supply: To be calculated	To be calculated
Htg Tstat: None					Room Exhaust:	
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1					
CO2 Sensor Location:None						
Room Type:Conditioned						

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	176 ft²	0	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Wall - 2	344 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1			Window			90.1 Window Zone 3	168	0.33	0.57	Overhang - None	None	0.00			
Wall - 3	176 ft²	180	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Misc Load 1	600.000 Btuh		Misc - Low rise office			Electricity							100	100	0 60.00
Floor - 1															44 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1201 Flex

Zone Description: F212/13

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 1,345 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 282.00 cfm		282.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 770.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1,028.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h·ft²·°F	External Shading						
Roof - 1	1,345 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.200 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

Room Description: 1226 Conference

Zone Description: F215

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 275 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 110.00 cfm		110.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 515.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 208.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h·ft²·°F	External Shading						
Roof - 1	275 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Wall - 1	261 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90											
Opening - 1				Window			90.1 Window Zone 3	56	0.33	0.57	Overhang - None	None	0.00				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

ENTERED VALUES ROOM BY ROOM

Room Description: 1229 Janitor

Zone Description: F216

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 29 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 0.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 50.00 cfm				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 20.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd	Pct Sen/ Cool	Pct Rm/ Heat	Pct Ret/ Perm	Pct Frc/ Loss
							Type / Energy Type							Refl	Tmp	Tmp	Len	Coef
Roof - 1	29 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45			0			Overhang - None	None					

Room Description: 1230 Wmns Restroom

Zone Description: F216

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 167 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 65.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 100.00 cfm				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 192.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd	Pct Sen/ Cool	Pct Rm/ Heat	Pct Ret/ Perm	Pct Frc/ Loss
							Type / Energy Type							Refl	Tmp	Tmp	Len	Coef
Roof - 1	167 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45			0			Overhang - None	None					

ENTERED VALUES

ROOM BY ROOM

Room Description: 1231 Future Fit Out

Zone Description: F216

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 3,642 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 150 sq ft/person		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 598.00 cfm		598.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 2,800.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 3,569.0 W					
				Ballast Factor: 1.0					

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	3,642 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

Room Description: 1228 Mens Restroom

Zone Description: F217-19

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 178 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 65.00 cfm		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust: 100.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: QRO - Lights Unoccupied					
CO2 Sensor Location:None				Lighting Amount: 192.0 W					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading					
Roof - 1	178 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				

ENTERED VALUES

ROOM BY ROOM

Room Description: 1121 Sensory

Zone Description: V101

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 490 ft ²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 77.00 cfm		77.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft ² ·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 575.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 380.0 W						
				Ballast Factor: 1.0						

						Glass					Adj	Pct	Pct	Pct	Rad
				U Value	Type /	Area	Shade	U Value	External	Internal	Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	Btu/h·ft ² ·°F	Alpha	ft ²	Coef	Btu/h·ft ² ·°F	Shading	Shading	Grnd	Cool	Heat	Perm	Loss
Misc Load 1	0.800 W/sq ft		Misc - Low rise office								Refl	Tmp	Tmp	Len	Coef
												100	100	0	60.00

Room Description: 1122 Office

Zone Description: V102

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 200 ft ²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 82.00 cfm		82.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft ² ·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 145.00 cfm		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 152.0 W						
Room Type:Conditioned				Ballast Factor: 1.0						

						Glass					Adj	Pct	Pct	Pct	Rad
				U Value	Type /	Area	Shade	U Value	External	Internal	Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	Btu/h·ft ² ·°F	Alpha	ft ²	Coef	Btu/h·ft ² ·°F	Shading	Shading	Grnd	Cool	Heat	Perm	Loss
Misc Load 1	0.800 W/sq ft		Misc - Low rise office								Refl	Tmp	Tmp	Len	Coef
												100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1123 Analytical Brewing Lab

Zone Description: V103

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 580 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 320.00 cfm		320.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 390.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 304.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity					100	100	0	60.00

Room Description: 1109 Corridor N

Zone Description: V104

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 696 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 24.00 cfm		24.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 215.00 cfm		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 140.0 W						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Wall - 1	112 ft²	270	0	12" Conc, 4" Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	48	0.33	0.57	Overhang - None		None	0.00	
Floor - 1															7 0.73

ENTERED VALUES ROOM BY ROOM

Room Description: 1115 Office

Zone Description: V104

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 24.00 cfm		24.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 100.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

Room Description: 1116 Office

Zone Description: V104

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 24.00 cfm		24.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 100.00 cfm		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 76.0 W						
Room Type:Conditioned				Ballast Factor: 1.0						

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1117 Huddle

Zone Description: V104

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 110.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:None	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity					100	100	0	60.00

Room Description: 1111 Training-Int

Zone Description: V105

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 262 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 250.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 128.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity					100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1114 Storage

Zone Description: V105

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 303 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 35.00 cfm		35.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium					<u>LIGHTS</u>			Supply: 115.00 cfm		To be calculated		
Clg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					to space			Room Exhaust:				
Thermostat Location:None	Floor Multiplier: 1				Fixture Type: RECFL-NV			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 190.0 W							
					Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h·ft²·°F							

Room Description: 1113 Conference

Zone Description: V106

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 464 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 13 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 170.00 cfm		170.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 0.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					<u>LIGHTS</u>			Vav Sched: Available (100%)				
Moisture Capacitance: Medium					Lighting Type: Recessed fluorescent, not vented, 80% load			Supply: 410.00 cfm		To be calculated		
Clg Tstat: None					to space			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					Fixture Type: RECFL-NV			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				% Load to RA: 20 %			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Lighting Schedule: Lights - Low rise office							
CO2 Sensor Location:None					Lighting Amount: 256.0 W							
Room Type:Conditioned					Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h·ft²·°F							
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1109 Corridor

Zone Description: V107

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 285 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 17.00 cfm	17.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 0.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 150.00 cfm	To be calculated			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				to space			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Fixture Type: RECFL-NV							
CO2 Sensor Location:None					% Load to RA: 20 %							
Room Type:Conditioned					Lighting Schedule: Lights - Low rise office							
					Lighting Amount: 80.0 W							
					Ballast Factor: 1.0							

Glass											Adj	Pct	Pct	Pct	Rad		
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/	Pct	Pct	Pct	Rad
							Energy Type						Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

Room Description: 1110 Breakroom-Int

Zone Description: V107

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 1,220 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 64 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 798.00 cfm	798.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: DC Vent - Conf				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: MFR-Lockers 24/7			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 2,540.00 cfm	To be calculated			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				to space			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Fixture Type: RECFL-NV							
CO2 Sensor Location:None					% Load to RA: 20 %							
Room Type:Conditioned					Lighting Schedule: MFR-Lockers 24/7							
					Lighting Amount: 1,236.0 W							
					Ballast Factor: 1.0							

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tm	Rm/ Heat Tm	Ret/ Perm Len	Frc/ Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 1108 Cubbies

Zone Description: V108

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 479 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 56.00 cfm		56.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: MFR-Lockers 24/7			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium					<u>LIGHTS</u>			Supply: 165.00 cfm		To be calculated		
Clg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					to space			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: MFR-Lockers 24/7							
Room Type:Conditioned					Lighting Amount: 612.0 W							
					Ballast Factor: 1.0							

Glass											Adj	Pct	Pct	Pct	Rad		
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd	Sen/ Cool	Rm/ Heat	Ret/ Perm	Frc/ Loss
							Energy Type						Refl	Tmp	Tmp	Len	Coef

Room Description: 1105 Lobby East

Zone Description: V109

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 947 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 2 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 208.00 cfm		208.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 0.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					<u>LIGHTS</u>			Vav Sched: Available (100%)				
Moisture Capacitance: Medium					Lighting Type: Recessed fluorescent, not vented, 80% load			Supply: 360.00 cfm		To be calculated		
Clg Tstat: None					to space			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					Fixture Type: RECFL-NV			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				% Load to RA: 20 %			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Lighting Schedule: Lights - Low rise office							
CO2 Sensor Location:None					Lighting Amount: 520.0 W							
Room Type:Conditioned					Ballast Factor: 1.0							

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 1139 Electrical

Zone Description: V109

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 9 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 20.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:None	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 20.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	1.000 W/sq ft			Available (100%)			None					100	100	0	60.00

Room Description: 1125 Business Centers

Zone Description: V110

System Description: AHU-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 191 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 32.00 cfm		32.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 200.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 76.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity					100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1126 Den

Zone Description: V110

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 277 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 47.00 cfm	47.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 0.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 185.00 cfm	To be calculated			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust:				
					to space			Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: Lights - Low rise office							
Room Type:Conditioned					Lighting Amount: 180.0 W							
					Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h·ft²·°F							
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0	60.00

Room Description: 1127 Janitor

Zone Description: V110

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 69 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 25.00 cfm	25.00 cfm			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust: 50.00 cfm				
					to space			Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 38.0 W							
					Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h·ft²·°F							

ENTERED VALUES

ROOM BY ROOM

Room Description: 1128 Mens Restroom

Zone Description: V110

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 358 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 130.00 cfm	To be calculated			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust: 225.00 cfm				
					to space			Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 400.0 W							
					Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/	Sen/	Rm/	Ret/	Frc/
													Grnd Refl	Cool Tmp	Heat Tmp	Perm Len	Loss Coef

Room Description: 1129 Wmns Restroom

Zone Description: V110

System Description: AHU-101

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 358 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None	None			
Is There Carpet?: YES					Workstation: 1.0 workstation/person			Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F								Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 130.00 cfm	To be calculated			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust: 225.00 cfm				
					to space			Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 400.0 W							
					Ballast Factor: 1.0							

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/	Sen/	Rm/	Ret/	Frc/
							Energy Type						Grnd Refl	Cool Tmp	Heat Tmp	Perm Len	Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 2155 Maintenance

Zone Description: Zone - 042

System Description: AHU-201

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 5,711 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 3 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 1,240.00 cfm		1,240.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 5,760.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 545.00 cfm				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Available (100%)						
Room Type:Conditioned				Lighting Amount: 1,618.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Misc Load 1	2.000 W/sq ft			Available (100%)			None							100	100	0 60.00

Room Description: 2250 Maint Mezz

Zone Description: Zone - 042

System Description: AHU-201

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 5,711 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 3 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 1,240.00 cfm		1,240.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 5,760.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Available (100%)						
Room Type:Conditioned				Lighting Amount: 1,618.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	5,711 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Misc Load 1	2.000 W/sq ft			Available (100%)			None							100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 2121 Raw Matl Warehouse

Zone Description: Zone - 043

System Description: AHU202 to 204

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 65,229 ft²	Flr-Flr Height: 50.0 ft		People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 12 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 10,980.00 cfm		10,980.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None		None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			<u>LIGHTS</u>		Supply: 45,750.00 cfm		To be calculated	
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None			to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: Available (100%)					
Room Type:Conditioned			Lighting Amount: 43,500.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F					
Roof - 1	65,229 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	16,525 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	288	0.33	0.57	Overhang - None	None	0.00		
Opening - 2				Door			Standard Door	180	0.00	0.11	Overhang - None	None	0.00		
Opening - 3				Door			Standard Door	1,440	0.00	0.11	Overhang - None	None	0.00		
Opening - 4				Door			Standard Door	84	0.00	0.11	Overhang - None	None	0.00		
Wall - 2	9,450 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	42	0.00	0.11	Overhang - None	None	0.00		
Misc Load 1	2.000 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															520 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 3101 Packaging

Zone Description: Zone - 044

System Description: AHU-301 to 314

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 317,159 ft²	Fir-Fir Height: 50.0 ft		People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 20 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 61,500.00 cfm		61,500.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None		None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			<u>LIGHTS</u>		Supply: 280,000.00 cfm		To be calculated	
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None			to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: Available (100%)					
Room Type:Conditioned			Lighting Amount: 109,200.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	317,159 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	5,363 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	42	0.00	0.11	Overhang - None	None	0.00		
Wall - 2	22,900 ft²	180	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	288	0.33	0.57	Overhang - None	None	0.00		
Opening - 2				Door			Standard Door	63	0.00	0.11	Overhang - None	None	0.00		
Opening - 3				Door			Standard Door	174	0.00	0.11	Overhang - None	None	0.00		
Wall - 3	18,950 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	216	0.33	0.57	Overhang - None	None	0.00		
Opening - 2				Door			Standard Door	21	0.00	0.11	Overhang - None	None	0.00		
Misc Load 1	35,923.000 Btuh			Available (100%)			None						100	100	0 60.00
Floor - 1															944 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1100 Vestibule

Zone Description: No Zone

System Description: Elec Unit Heaters

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 72 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.30 cfm/sq ft of wall	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Infil - Office Vest		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: To be calculated	60.00 cfm	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	36 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	64 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Wall - 2	155 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	56	0.33	0.57	Overhang - None	None	0.00		
Wall - 3	64 ft²	180	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Floor - 1															18 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1120 Office Stair 01

Zone Description: No Zone

System Description: Elec Unit Heaters

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 250 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²-°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.30 cfm/sq ft of door	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Infil - Office Vest		
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: To be calculated	145.00 cfm	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Wall - 1	395 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1			Door			Standard Door	21	0.00	0.11	Overhang - None	None	0.00			
Wall - 2	176 ft²	0	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Floor - 1															36 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1120 Office Stair 02

Zone Description: No Zone

System Description: Elec Unit Heaters

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 250 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: To be calculated	100.00 cfm	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:None	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F					
Roof - 1	250 ft²	0	90 90.1-10 Min Roof Nonres	0.0320	0.45		0							
Wall - 1	395 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90					Overhang - None				
Wall - 2	176 ft²	0	0 12* Conc, 4* Ins (int)	0.0490	0.90					None				

ENTERED VALUES

ROOM BY ROOM

Room Description: 1137 Office Stair 01

Zone Description: No Zone

System Description: Elec Unit Heaters

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 275 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.30 cfm/sq ft of door	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Infil - Office Vest		
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated	145.00 cfm	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Lights - Low rise office				
CO2 Sensor Location:None			Lighting Amount: 280.0 W				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	395 ft²	180	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1			Door			Standard Door	21	0.00	0.11	Overhang - None	None	0.00			
Wall - 2	176 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Floor - 1														36	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1137 Office Stair 02

Zone Description: No Zone

System Description: Elec Unit Heaters

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION	
Floor Area: 275 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²-°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %					Vav Sched: Available (100%)	
Moisture Capacitance: Medium					Supply: To be calculated	100.00 cfm
Clg Tstat: None					Aux Supply: To be calculated	To be calculated
Htg Tstat: None					Room Exhaust:	
Thermostat Location:None	Floor Multiplier: 1				Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1					
CO2 Sensor Location:None						
Room Type:Conditioned						

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	275 ft²	0	90 90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Wall - 1	395 ft²	90	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Wall - 2	176 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										

ENTERED VALUES

ROOM BY ROOM

Room Description: 2101 Tipping

Zone Description: No Zone

System Description: MAU-201

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 4,406 ft²	Flr-Flr Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 10,000.00 cfm	10,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 20/80/100			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 10,000.00 cfm	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 2,798.0 W					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	4,406 ft²	0	90 90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Wall - 1	4,388 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Wall - 2	2,800 ft²	0	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1			Door			Standard Door	192	0.00	0.11	Overhang - None	None	0.00			
Opening - 2			Door			Standard Door	21	0.00	0.11	Overhang - None	None	0.00			
Wall - 3	2,916 ft²	90	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Misc Load 1	19,965.000 Btuh		Available (100%)			None							100	100	0 60.00
Floor - 1														191	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2103 Receiving

Zone Description: No Zone

System Description: MAU-202

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 5,275 ft²	Flr-Flr Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 12,000.00 cfm	12,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 20/80/100			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is There Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 12,000.00 cfm	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F						
Roof - 1	5,275 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Wall - 1	3,308 ft²	0	0	12" Conc, 4" Ins (int)	0.0490	0.90										
Opening - 1				Door			Standard Door	240	0.00	0.11	Overhang - None	None	0.00			
Misc Load 1	50,063.000 Btuh			Available (100%)			None							100	100	0 60.00
Floor - 1																61 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2102

Silo

Zone Description: No Zone

System Description: MAU-203

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 6,589 ft²	Flr-Flr Height: 50.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 12,000.00 cfm	12,000.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 20/80/100		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None	
Is There Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: 12,000.00 cfm	To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	6,589 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	3,063 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Wall - 2	4,038 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Wall - 3	4,067 ft²	180	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Wall - 4	8,075 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Misc Load 1	43,207.000 Btuh			Available (100%)			None						100	100	0 60.00
Floor - 1															81 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2104 Partner

Zone Description: No Zone

System Description: MAU-204

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 2,857 ft²	Flr-Flr Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 10,000.00 cfm	10,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 20/80/100			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is There Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 10,000.00 cfm	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 1,800.0 W					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	2,857 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	2,675 ft²	0	0	12" Conc, 4" Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	480	0.00	0.11	Overhang - None	None	0.00		
Misc Load 1	3,875.000 Btuh			Available (100%)			None						100	100	0 60.00
Floor - 1															54 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2105 Trash Recycle

Zone Description: No Zone

System Description: MAU-205

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 10,447 ft²	Flr-Flr Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 25,000.00 cfm	25,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 20/80/100			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 5,000.00 cfm	5,000.00 cfm		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 25,000.00 cfm	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust: 10,000.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 4,200.0 W					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	10,447 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	8,775 ft²	0	0	12" Conc, 4" Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	1,080	0.00	0.11	Overhang - None	None	0.00		
Floor - 1															176 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2107 Raw Processing

Zone Description: No Zone

System Description: MAU-206-211

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 33,128 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 25 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 45,000.00 cfm	45,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 22/78/100			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			LIGHTS		Supply: 45,000.00 cfm	To be calculated		
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: Available (100%)					
Room Type:Conditioned			Lighting Amount: 12,992.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F						
Roof - 1	33,128 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Wall - 1	5,325 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1				Door			Standard Door	21	0.00	0.11	Overhang - None	None	0.00			
Misc Load 1	230,803.000 Btuh			Available (100%)			None							100	100	0 60.00
Floor - 1																107 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 3110 Chiller

Zone Description: No Zone

System Description: MAU-301

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 3,924 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 15,000.00 cfm	15,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 20/80/100			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			LIGHTS		Supply: 15,000.00 cfm	To be calculated		
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			to space		Room Exhaust: 3,000.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: QRO - Lights Unoccupied					
Room Type:Conditioned			Lighting Amount: 2,700.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	3,924 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	3,350 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	74	0.33	0.57	Overhang - None	None	0.00		
Wall - 2	2,975 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	120	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	3.000 W/sq ft			Available (100%)			None							100	0 60.00
Floor - 1															127 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 3111 Boiler

Zone Description: No Zone

System Description: MAU-302

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 1,556 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 15,000.00 cfm	15,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Vent - 20/80/100			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 15,000.00 cfm	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	1,556 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	1,313 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	49	0.00	0.11	Overhang - None	None	0.00		
Misc Load 1	3.000 W/sq ft			Available (100%)			None							100	60.00
Floor - 1															26 0.73

ENTERED VALUES ROOM BY ROOM

Room Description: 3113 Compressor

Zone Description: No Zone

System Description: MAU-303-305

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION	
Floor Area: 5,812 ft²	Fir-Fir Height: 50.0 ft		People Type: None		<u>Cooling</u>	<u>Heating</u>
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 120,000.00 cfm	120,000.00 cfm
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: AC Vent	
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %			<u>LIGHTS</u>		Vav Sched: Available (100%)	
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 120,000.00 cfm	To be calculated
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:	
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)	
Humidistat Location:None	Room Multiplier: 1		Lighting Schedule: QRO - Lights Unoccupied			
CO2 Sensor Location:None			Lighting Amount: 3,600.0 W			
Room Type:Conditioned			Ballast Factor: 1.0			

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	5,812 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	4,950 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	120	0.00	0.11	Overhang - None	None	0.00		
Misc Load 1	286.700 Mbh			AC Vent			None							100	60.00
Floor - 1														99	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4102 Finished Goods

Zone Description: No Zone

System Description: MAU-401-404

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 189,136 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 12 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 48,000.00 cfm	48,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			LIGHTS		Supply: 48,000.00 cfm	To be calculated		
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: Available (100%)					
Room Type:Conditioned			Lighting Amount: 53,100.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Roof - 1	189,136 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	20,696 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	84	0.00	0.11	Overhang - None	None	0.00		
Wall - 2	18,581 ft²	180	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	360	0.33	0.57	Overhang - None	None	0.00		
Opening - 2				Door			Standard Door	2,640	0.00	0.11	Overhang - None	None	0.00		
Opening - 3				Window			90.1 Window Zone 3	84	0.33	0.57	Overhang - None	None	0.00		
Wall - 3	25,412 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	84	0.00	0.11	Overhang - None	None	0.00		
Opening - 2				Door			Standard Door	600	0.00	0.11	Overhang - None	None	0.00		
Opening - 3				Window			90.1 Window Zone 3	108	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	1.000 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															1,203 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2130 Truckers Tlt

Zone Description: Zone - 033

System Description: RTU-201

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 64 ft²	Fir-Fir Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 50.00 cfm		50.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 80.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust: 100.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied					
Room Type:Conditioned				Lighting Amount: 30.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	64 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	128 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Floor - 1															8 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2131 Truckers Lounge

Zone Description: Zone - 033

System Description: RTU-201

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 164 ft²	Flr-Flr Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:		# of People: 2 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 50.00 cfm	50.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: MFR-Lockers 24/7		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 340.00 cfm	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	164 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	272 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	23	0.33	0.57	Overhang - None	None	0.00		
Wall - 2	192 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	23	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	1,000.000 Btuh			MFR-Lockers 24/7			Electricity							100	0 60.00
Floor - 1															29 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2133 Office

Zone Description: Zone - 033

System Description: RTU-201

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 422 ft²	Fir-Fir Height: 16.0 ft		People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 4 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 125.00 cfm		125.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None		None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			<u>LIGHTS</u>		Supply: 500.00 cfm		To be calculated	
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None			to space		Room Exhaust: 50.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned			Lighting Amount: 304.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F						
Roof - 1	422 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Wall - 1	240 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1				Window			90.1 Window Zone 3	23	0.33	0.57	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0 60.00
Floor - 1																15 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2134 Restroom

Zone Description: Zone - 033

System Description: RTU-201

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 71 ft²	Flr-Flr Height: 16.0 ft			People Type: None				Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People				Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h				Vent Value: 50.00 cfm	50.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied				Infil Type: None	None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium								Supply: 80.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS				Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Room Exhaust: 100.00 cfm			
				to space				Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned				Lighting Amount: 30.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	Shade Coef							
Roof - 1	71 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0				Overhang - None	None					
Wall - 1	128 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90												
Floor - 1																		8 0.73

Room Description: 2143 Corridor

Zone Description: V114

System Description: RTU-202

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 117 ft²	Flr-Flr Height: 16.0 ft			People Type: None				Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People				Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h				Vent Value: 50.00 cfm	50.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied				Infil Type: None	None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium								Supply: 155.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS				Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Room Exhaust:			
				to space				Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned				Lighting Amount: 114.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	Shade Coef							

ENTERED VALUES

ROOM BY ROOM

Room Description: 2144 Janitor

Zone Description: V114

System Description: RTU-202

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 52 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium					LIGHTS			Supply: To be calculated	To be calculated			
Clg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					to space			Room Exhaust: 50.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 20.0 W							
					Ballast Factor: 1.0							

Glass											Adj	Pct	Pct	Pct	Rad		
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/	Pct	Pct	Pct	Rad
							Energy Type						Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

Room Description: 2145 Womens Tit

Zone Description: V114

System Description: RTU-202

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 144 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium					LIGHTS			Supply: 85.00 cfm	To be calculated			
Clg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					to space			Room Exhaust: 100.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 120.0 W							
					Ballast Factor: 1.0							

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 2146 Mens Tlt

Zone Description: V114

System Description: RTU-202

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 143 ft²	Fir-Fir Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 85.00 cfm		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust: 100.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: QRO - Lights Unoccupied					
CO2 Sensor Location:None				Lighting Amount: 120.0 W					
Room Type:Conditioned				Ballast Factor: 1.0					

										Glass				
Description	Area/		Const Type /		U Value		Type /	Area	Shade	U Value	External	Internal	Adj	Pct
	Amount	Dir	Tilt	Schedule	Btu/h-ft²-°F	Alpha							Temp/	Sen/
							Energy Type	ft²	Coef	Btu/h-ft²-°F	Shading	Shading	Grnd	Cool
													Refl	Tmp
														Pct
														Rm/
														Heat
														Ret/
														Perm
														Frc/
														Loss
														Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 2140 Trucker Lounge

Zone Description: V115

System Description: RTU-202

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 160 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 2 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 135.00 cfm	135.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: MFR-Lockers 24/7		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 470.00 cfm	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading					
Roof - 1	160 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45	0			Overhang - None	None					
Wall - 1	219 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1				Window			90.1 Window Zone 3	23	0.33	0.57	Overhang - None	None	0.00			
Wall - 2	245 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1				Door			Standard Door	21	0.00	0.11	Overhang - None	None	0.00			
Misc Load 1	1,000.000 Btuh			MFR-Lockers 24/7			Electricity							100	100	0 60.00
Floor - 1																29 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2141 Trucker Tlt

Zone Description: V115

System Description: RTU-202

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 68 ft²	Flr-Flr Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			LIGHTS		Supply: 85.00 cfm	To be calculated		
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			to space		Room Exhaust: 100.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: QRO - Lights Unoccupied					
Room Type:Conditioned			Lighting Amount: 20.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	68 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Wall - 1	192 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Wall - 2	128 ft²	0	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Floor - 1															20 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2142 Office

Zone Description: V115

System Description: RTU-202

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 266 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 200.00 cfm	200.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 720.00 cfm	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F						
Roof - 1	266 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None				
Wall - 1	232 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90										
Wall - 2	192 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90										
Opening - 1				Window			90.1 Window Zone 3	23	0.33	0.57	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0 60.00
Floor - 1																27 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2114 Agile Rm

Zone Description: V111

System Description: RTU-203

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 210 ft ²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 75.00 cfm		75.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft ² ·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 200.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 114.0 W						
				Ballast Factor: 1.0						

						Glass					Adj	Pct	Pct	Pct	Rad
				U Value	Type /	Area	Shade	U Value	External	Internal	Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	Btu/h·ft ² ·°F	Alpha	Energy Type	Coef	Btu/h·ft ² ·°F	Shading	Shading	Grnd	Cool	Heat	Perm	Loss
Misc Load 1	0.800 W/sq ft		People - Meeting Rm			Electricity					Refl	Tmp	Tmp	Len	Coef
												100	100	0	60.00

Room Description: 2112 Office

Zone Description: V112

System Description: RTU-203

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 121 ft ²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 15.00 cfm		15.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft ² ·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 100.00 cfm		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 76.0 W						
Room Type:Conditioned				Ballast Factor: 1.0						

						Glass					Adj	Pct	Pct	Pct	Rad
				U Value	Type /	Area	Shade	U Value	External	Internal	Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Const Type / Tilt Schedule	Btu/h·ft ² ·°F	Alpha	Energy Type	Coef	Btu/h·ft ² ·°F	Shading	Shading	Grnd	Cool	Heat	Perm	Loss
Misc Load 1	0.800 W/sq ft		Misc - Low rise office			Electricity					Refl	Tmp	Tmp	Len	Coef
												100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 2113 Huddle

Zone Description: V112

System Description: RTU-203

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 128 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 4 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 45.00 cfm		45.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 300.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 76.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Shade Coef			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity					100	100	0	60.00

Room Description: 2110 Control Rm

Zone Description: V113

System Description: RTU-203

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 1,082 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 12 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 250.00 cfm		250.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None	
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 800.00 cfm		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Available (100%)					
CO2 Sensor Location:None				Lighting Amount: 532.0 W					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Shade Coef			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Available (100%)			None					100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 3112 Electrical

Zone Description: Zone - 039

System Description: RTU-301/2

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 1,601 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 9,200.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 472.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Wall - 1	436 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Door			Standard Door	68	0.00	0.11	Overhang - None	None	0.00		
Misc Load 1	10.000 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															27 0.73

Room Description: 3201 Electrical

Zone Description: Zone - 039

System Description: RTU-301/2

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 1,203 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 2,300.00 cfm		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 472.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Roof - 1	1,203 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None			
Misc Load 1	10.000 W/sq ft			Available (100%)			None						100	100	0 60.00

Project Name:
Dataset Name: C:\Users\ \Documents\TRACE 700 Projects\Project Files\ \ .TRC

TRACE® 700 v6.3.3 calculated at 09:19 AM on 06/05/2019
Alternative - 1 Entered Values - Rooms Page 64 of 153

ENTERED VALUES

ROOM BY ROOM

Room Description: 3202 Elec Life Safety

Zone Description: Zone - 039

System Description: RTU-301/2

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 368 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 500.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 118.0 W						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading					
Roof - 1	368 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None					
Wall - 1	436 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90											
Misc Load 1	10.000 W/sq ft			Available (100%)			None							100	100	0	60.00

Room Description: 4150 Corridor

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 206 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 50.00 cfm		50.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: Available (100%)		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 100.00 cfm		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 50.00 cfm				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Available (100%)						
Room Type:Conditioned				Lighting Amount: 100.0 W						
				Ballast Factor: 1.0						

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Wall - 1	160 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90											
Opening - 1				Door			Standard Door	21	0.00	0.11	Overhang - None	None	0.00				
Floor - 1																10	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4152 Mens Tlt

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 140 ft²	Flr-Flr Height: 16.0 ft			People Type: None				Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People				Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h				Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied				Infil Type: None	None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium								Supply: 95.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS				Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Room Exhaust: 100.00 cfm			
				to space				Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned				Lighting Amount: 120.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h-ft²-°F							
Wall - 1	280 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90												
Floor - 1																		18 0.73

Room Description: 4153 Womens Tlt

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 140 ft²	Flr-Flr Height: 16.0 ft			People Type: None				Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People				Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h				Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied				Infil Type: None	None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium								Supply: 95.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS				Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Room Exhaust: 100.00 cfm			
				to space				Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned				Lighting Amount: 120.0 W							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h-ft²-°F							

ENTERED VALUES

ROOM BY ROOM

Room Description: 4154 Agile Rm

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 253 ft²	Fir-Fir Height: 16.0 ft			People Type: None		Cooling		Heating	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 8 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 150.00 cfm		150.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 510.00 cfm		To be calculated	
Clg Tstat: None						Aux Supply: To be calculated		To be calculated	
Htg Tstat: None						Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1								
CO2 Sensor Location:None									
Room Type:Conditioned									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value								
Wall - 1	196 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90												
Opening - 1				Window			90.1 Window Zone 3	22	0.33	0.57		Overhang - None	None	0.00				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity								100	100	0	60.00
Floor - 1																	12	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4155 Managers Office

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 100 ft²	Fir-Fir Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 50.00 cfm		50.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 240.00 cfm		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 76.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value								
Wall - 1	168 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90												
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0	60.00
Floor - 1																	11	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4156 Shipping Office

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 6,426 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling		Heating	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 9 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 100.00 cfm		100.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 480.00 cfm		To be calculated	
Clg Tstat: None						Aux Supply: To be calculated		To be calculated	
Htg Tstat: None						Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1								
CO2 Sensor Location:None									
Room Type:Conditioned									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Wall - 1	304 ft²	270	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	43	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100 0 60.00
Floor - 1															19 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4157 Truckers Tlt

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 91 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium			LIGHTS		Supply: 85.00 cfm	To be calculated		
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			to space		Room Exhaust: 150.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		% Load to RA: 20 %					
CO2 Sensor Location:None			Lighting Schedule: QRO - Lights Unoccupied					
Room Type:Conditioned			Lighting Amount: 40.0 W					
			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	256 ft²	270	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Wall - 2	112 ft²	180	0 12* Conc, 4* Ins (int)	0.0490	0.90										
Floor - 1															23 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4158 Truckers Lounge

Zone Description: Zone - 040

System Description: RTU-401

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 194 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 100.00 cfm		100.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: MFR-Lockers 24/7		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 295.00 cfm		To be calculated	
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: MFR-Lockers 24/7					
Room Type:Conditioned				Lighting Amount: 152.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Wall - 1	216 ft²	180	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	22	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	1,000.000 Btuh			MFR-Lockers 24/7			Electricity						100	100	0 60.00
Floor - 1															14 0.73

Room Description: 4132 Corridor

Zone Description: Zone - 041

System Description: RTU-402

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 267 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 50.00 cfm		50.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 50.00 cfm		To be calculated	
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 50.00 cfm			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 190.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			

ENTERED VALUES

ROOM BY ROOM

Room Description: 4134 Mens Tlt
Zone Description: Zone - 041
System Description: RTU-402

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 150 ft²	Flr-Flr Height: 16.0 ft	People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²-°F/Btu		People Schedule: QRO - Lights Unoccupied		Infil Type: None	None
Is There Carpet?: YES				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: 95.00 cfm	To be calculated
Clg Tstat: None				Aux Supply: To be calculated	To be calculated
Htg Tstat: None				Room Exhaust: 100.00 cfm	
Thermostat Location:Zone	Floor Multiplier: 1			Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1				
CO2 Sensor Location:None					
Room Type:Conditioned					

														Glass					Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef						

Room Description: 4135 Womens Tlt
Zone Description: Zone - 041
System Description: RTU-402

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 150 ft²	Flr-Flr Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Flr:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: 95.00 cfm	To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust: 100.00 cfm		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

														Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef	
							Btu/h·ft²·°F											

ENTERED VALUES

ROOM BY ROOM

Room Description: 4137 Workstations

Zone Description: Zone - 041

System Description: RTU-402

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 330 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None			Vent Value: 100.00 cfm		None
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Schedule: Available (100%)			Infil Type: None		100.00 cfm
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Infil Value: 0.00 air changes/hr			Infil Schedule: Available (100%)		None
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: Available (100%)		Vav Airflow: Min: 30.00 % Clg Airflow			Vav Sched: Available (100%)		0.00 air changes/hr
Is There Carpet?: YES						Supply: 500.00 cfm			Aux Supply: To be calculated		To be calculated
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Room Exhaust:			Rm Exh Sched: Available (100%)		To be calculated
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F											
Design Relative Humidity: 50 %											
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Wall - 1	152 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	17	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															10 0.73

Room Description: 4138 Office

Zone Description: Zone - 041

System Description: RTU-402

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None			Vent Value: 35.00 cfm		None
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Schedule: Available (100%)			Infil Type: None		35.00 cfm
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Infil Value: 0.00 air changes/hr			Infil Schedule: Available (100%)		0.00 air changes/hr
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Vav Airflow: Min: 30.00 % Clg Airflow			Vav Sched: Available (100%)		Max: 60.00 % Clg Airflow
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Supply: 155.00 cfm			Aux Supply: To be calculated		To be calculated
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Room Exhaust:			Rm Exh Sched: Available (100%)		To be calculated
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F											
Design Relative Humidity: 50 %											
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 4139 Office

Zone Description: Zone - 041

System Description: RTU-402

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None			Vent Value: 46.00 cfm		None
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 46.00 cfm			Vent Schedule: Available (100%)		46.00 cfm
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Infil Type: None			Infil Value: 0.00 air changes/hr		None
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Schedule: Available (100%)			Vav Airflow: Min: 30.00 % Clg Airflow		0.00 air changes/hr
Is There Carpet?: YES						Vav Sched: Available (100%)			Supply: 310.00 cfm		To be calculated
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Aux Supply: To be calculated			Room Exhaust:		To be calculated
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Rm Exh Sched: Available (100%)					
Design Relative Humidity: 50 %											
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Wall - 1	192 ft²	90	0	12* Conc, 4* Ins (int)	0.0490	0.90									
Opening - 1				Window			90.1 Window Zone 3	35	0.33	0.57	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00
Floor - 1															12 0.73

Room Description: 4140 Agile Rm

Zone Description: Zone - 041

System Description: RTU-402

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 207 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None			Vent Value: 100.00 cfm		None
Slab Cnstr Type: 4* LW Concrete				People Sensible: 250 Btu/h		Vent Value: 100.00 cfm			Vent Schedule: Available (100%)		100.00 cfm
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Infil Type: None			Infil Value: 0.00 air changes/hr		None
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Schedule: Available (100%)			Vav Airflow: Min: 30.00 % Clg Airflow		0.00 air changes/hr
Is There Carpet?: YES						Vav Sched: Available (100%)			Supply: 440.00 cfm		Max: 60.00 % Clg Airflow
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Aux Supply: To be calculated			Room Exhaust:		To be calculated
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Rm Exh Sched: Available (100%)					To be calculated
Design Relative Humidity: 50 %											
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1224 MDF

Zone Description: No Zone

System Description: SS-101

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 361 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 800.00 cfm	To be calculated		
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied					
Room Type:Conditioned				Lighting Amount: 354.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²							
Roof - 1	361 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0	Overhang - None	None					
Misc Load 1	10.000 W/sq ft			Available (100%)			None					100	100	0	60.00

Room Description: 2106 Corridor

Zone Description: No Zone

System Description: Vent Only

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 4,661 ft²	Flr-Flr Height: 50.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None		
Is There Carpet?: YES						Infil Value: 0.00 cfm	0.00 cfm		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: To be calculated	To be calculated		
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 2,000.00 cfm			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 1,800.0 W					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²							
Roof - 1	4,661 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0	Overhang - None	None					

ENTERED VALUES

ROOM BY ROOM

Room Description: 2147 Utility

Zone Description: No Zone

System Description: Vent Only

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 269 ft²	Flr-Flr Height: 16.0 ft	People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²-°F/Btu		People Schedule: Available (100%)		Infil Type: None	None
Is There Carpet?: YES				Infil Value: 0.00 cfm	0.00 cfm
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: To be calculated	To be calculated
Clg Tstat: None				Aux Supply: To be calculated	To be calculated
Htg Tstat: None				Room Exhaust: 300.00 cfm	
Thermostat Location:Zone	Floor Multiplier: 1			Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1				
CO2 Sensor Location:None					
Room Type:Conditioned					

															Adj	Pct	Pct	Pct	Rad
															Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat Tmp	Perm Len	Loss Coef		
							Energy Type												

Room Description: 2210 Elec Mezz

Zone Description: No Zone

System Description: Vent Only

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 1,593 ft²	Flr-Flr Height: 16.0 ft	People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²-°F/Btu		People Schedule: Available (100%)		Infil Type: None	None
Is there Carpet?: NO				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	Max: 60.00 % Clg Airflow
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: To be calculated	To be calculated
Clg Tstat: None				Aux Supply: To be calculated	To be calculated
Htg Tstat: None				Room Exhaust: 1,600.00 cfm	
Thermostat Location:Zone	Floor Multiplier: 1			Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1				
CO2 Sensor Location:None					
Room Type:Conditioned					

Glass															Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef		
Roof - 1	1,593 ft²	0	90	90.1-10 Min Roof Nonres	0.0320	0.45		0			Overhang - None	None							

ENTERED VALUES

ROOM BY ROOM

Room Description: 4130 Utility

Zone Description: No Zone

System Description: Vent Only

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 285 ft²	Fir-Fir Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None	
Is There Carpet?: NO						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust: 300.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Available (100%)					
CO2 Sensor Location:None				Lighting Amount: 1.0 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading					

ENTERED VALUES

ROOM BY ROOM

Room Description: 2155 Maintenance

Zone Description: AHU-201

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 5,711 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 3 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 1,240.00 cfm		1,240.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 5,760.00 To be calculated		To be calculated		
Clg Tstat: None						Aux Supply: To be calculated		To be calculated		
Htg Tstat: None						Room Exhaust: 1,240.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Misc Load 1	2.000 W/sq ft			Available (100%)			None							100	100	0 60.00

Room Description: 2250 Maint Mezz

Zone Description: AHU-201

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 5,711 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 3 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 1,240.00 cfm		1,240.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 5,760.00 To be calculated		To be calculated		
Clg Tstat: None						Aux Supply: To be calculated		To be calculated		
Htg Tstat: None						Room Exhaust: 1,240.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	5,711 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	2.000 W/sq ft			Available (100%)			None							100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 2121 Raw Matl Warehouse

Zone Description: AHU202 -204

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 65,229 ft²	Flr-Flr Height: 50.0 ft		People Type: None		<u>Cooling</u>	<u>Heating</u>	
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 12 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 6,798.00 cfm	6,798.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %			<u>LIGHTS</u>		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 45,750.00 To be calculated	To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)				
CO2 Sensor Location:None			Lighting Amount: 0.6 W/sq ft				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F					
Roof - 1	65,229 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	16,525 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	288	0.29	0.65	Overhang - None	None	0.00		
Opening - 2				Door			Standard Door	180	0.00	0.20	Overhang - None	None	0.00		
Opening - 3				Door			Standard Door	1,440	0.00	0.20	Overhang - None	None	0.00		
Opening - 4				Door			Standard Door	84	0.00	0.20	Overhang - None	None	0.00		
Wall - 2	9,450 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	42	0.00	0.20	Overhang - None	None	0.00		
Misc Load 1	2.000 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															520 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2101 Tipping

Zone Description: MAU201

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 4,406 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 1,017.00 cfm	1,017.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is There Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 10,000.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	4,406 ft²	0	90 90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Wall - 1	4,388 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	2,800 ft²	0	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1			Door			Standard Door	192	0.00	0.20	Overhang - None	None	0.00			
Opening - 2			Door			Standard Door	21	0.00	0.20	Overhang - None	None	0.00			
Wall - 3	2,916 ft²	90	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Misc Load 1	19,965.000 Btuh		Available (100%)			None							100	100	0 60.00
Floor - 1														191	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2103 Receiving

Zone Description: MAU202

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 5,275 ft²	Flr-Flr Height: 50.0 ft		People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 3 People		Vent Type: None		Vent Value: 823.00 cfm	823.00 cfm
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Schedule: Available (100%)			
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Infil Type: None			None
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Value: 0.00 air changes/hr			0.00 air changes/hr
Is there Carpet?: NO					Infil Schedule: Available (100%)			
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Vav Airflow: Min: 30.00 % Clg Airflow			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Sched: Available (100%)			
Design Relative Humidity: 50 %			<u>LIGHTS</u>		Supply: 12,000.00 To be calculated		To be calculated	
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Clg Tstat: None			to space		Room Exhaust:			
Htg Tstat: None			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %					
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	5,275 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	3,308 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	240	0.00	0.20	Overhang - None	None	0.00		
Misc Load 1	50,063.000 Btuh			Available (100%)			None						100	100	0 60.00
Floor - 1															61 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2102

Silo

Zone Description: MAU203

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 6,589 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 1,495.00 cfm	1,495.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None	
Is There Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 12,000.00 To be calculated	To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)				
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef							
Roof - 1	6,589 ft²	0	90 90.1-10 Min Roof Nonres	0.0476	0.45		0		Overhang - None	None					
Wall - 1	3,063 ft²	0	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	4,038 ft²	90	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 3	4,067 ft²	180	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 4	8,075 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Misc Load 1	43,207.000 Btuh		Available (100%)			None						100	100	0	60.00
Floor - 1														81	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2104 Partner

Zone Description: MAU204

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 2,857 ft²	Flr-Flr Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 726.00 cfm	726.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 10,000.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	2,857 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	2,675 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	480	0.00	0.20	Overhang - None	None	0.00		
Misc Load 1	3,875.000 Btuh			Available (100%)			None						100	100	0 60.00
Floor - 1															54 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2105 Trash Recycle

Zone Description: MAU205

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 10,447 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 3 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 5,000.00 cfm	5,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 5,000.00 cfm	5,000.00 cfm		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 25,000.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust: 10,000.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	10,447 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	8,775 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	1,080	0.00	0.20	Overhang - None	None	0.00		
Floor - 1														176	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2107 Raw Processing

Zone Description: MAU206-211

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 33,128 ft²	Flr-Flr Height: 50.0 ft		People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 25 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 7,535.00 cfm		7,535.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Available (100%)		Infil Type: None		None	
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 45,000.00 To be calculated		To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)					
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	33,128 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	5,325 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	21	0.00	0.20	Overhang - None	None	0.00		
Misc Load 1	230,803.000 Btuh			Available (100%)			None						100	100	0 60.00
Floor - 1															107 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 3110 Chiller

Zone Description: MAU-301

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 3,924 ft²	Flr-Flr Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Flr:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 3,000.00 cfm	3,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 15,000.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust: 3,000.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: QRO - Lights Unoccupied					
CO2 Sensor Location:None			Lighting Amount: 1.0 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Roof - 1	3,924 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	3,350 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	74	0.29	0.65	Overhang - None	None	0.00		
Wall - 2	2,975 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	120	0.29	0.65	Overhang - None	None	0.00		
Misc Load 1	3.000 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															127 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 3111 Boiler

Zone Description: MAU-302

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 1,556 ft²	Fir-Fir Height: 50.0 ft		People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None		Vent Value: 15,000.00 cfm	15,000.00 cfm
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Schedule: Vent - 20/80/100			
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Infil Type: None		Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Schedule: Available (100%)		Vav Airflow: Min: 30.00 % Clg Airflow	
Is there Carpet?: NO					Vav Sched: Available (100%)		Supply: 15,000.00 To be calculated	To be calculated
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Room Exhaust:		Aux Supply: To be calculated	To be calculated
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Rm Exh Sched: Available (100%)			
Design Relative Humidity: 50 %								
Moisture Capacitance: Medium								
Clg Tstat: None								
Htg Tstat: None								
Thermostat Location:Zone	Floor Multiplier: 1							
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	1,556 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	1,313 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	49	0.00	0.20	Overhang - None	None	0.00		
Misc Load 1	3.000 W/sq ft			Available (100%)			None							100	60.00
Floor - 1															26 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 3113 Compressor

Zone Description: MAU303-305

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 5,812 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 120,000.00 cfm	120,000.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: AC Vent			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 120,000.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: QRO - Lights Unoccupied					
CO2 Sensor Location:None			Lighting Amount: 1.0 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F						
Roof - 1	5,812 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Wall - 1	4,950 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Door			Standard Door	120	0.00	0.20	Overhang - None	None	0.00			
Misc Load 1	286.700 Mbh			AC Vent			None							100	100	0 60.00
Floor - 1																99 0.73

ENTERED VALUES

ROOM BY ROOM

System Description: Factory

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 189,136 ft²	Flr-Flr Height: 50.0 ft	People Type: None		Cooling	Heating
Plenum Height: 0.0 ft	Height Above Flr:	# of People: 12 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 28,432.00 cfm	28,432.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²·°F/Btu		People Schedule: Available (100%)		Infil Type: None	None
Is There Carpet?: NO				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F		Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: 48,000.00 To be calculated	To be calculated
Clg Tstat: None		Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated	To be calculated
Htg Tstat: None		to space		Room Exhaust: 28,432.00 cfm	
		Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)	
Thermostat Location:Zone	Floor Multiplier: 1	% Load to RA: 20 %			
Humidistat Location:Room	Room Multiplier: 1	Lighting Schedule: Available (100%)			
CO2 Sensor Location:None		Lighting Amount: 0.6 W/sq ft			
Room Type:Conditioned		Ballast Factor: 1.0			

[illegible]

ENTERED VALUES

ROOM BY ROOM

Room Description: 2143 Corridor

Zone Description: R202 V114

System Description: Factory

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 117 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 50.00 cfm	50.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 155.00 To be calculated	To be calculated			
Clg Tstat: None								Aux Supply: To be calculated	To be calculated			
Htg Tstat: None								Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1							Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1											
CO2 Sensor Location:None												
Room Type:Conditioned												

Glass											Adj	Pct	Pct	Pct	Rad		
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd	Sen/ Cool	Rm/ Heat	Ret/ Perm	Frc/ Loss
							Energy Type						Refl	Tmp	Tmp	Len	Coef

Room Description: 2144 Janitor

Zone Description: R202 V114

System Description: Factory

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 52 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: To be calculated	To be calculated			
Clg Tstat: None								Aux Supply: To be calculated	To be calculated			
Htg Tstat: None								Room Exhaust: 50.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1							Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1											
CO2 Sensor Location:None												
Room Type:Conditioned												

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/	Sen/	Rm/	Ret/	Frc/
							Energy Type						Grnd Refl	Cool Tmp	Heat Tmp	Perm Len	Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 2145 Womens Tlt

Zone Description: R202 V114

System Description: Factory

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 144 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 85.00 To be calculated		To be calculated		
Clg Tstat: None					<u>LIGHTS</u>			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust: 100.00 cfm				
					to space			Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 1.0 W/sq ft							
					Ballast Factor: 1.0							

Glass											Adj	Pct	Pct	Pct	Rad		
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/	Pct	Pct	Pct	Rad
							Energy Type						Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

Room Description: 2146 Mens Tlt

Zone Description: R202 V114

System Description: Factory

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 143 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: QRO - Lights Unoccupied			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 85.00 To be calculated		To be calculated		
Clg Tstat: None					<u>LIGHTS</u>			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust: 100.00 cfm				
					to space			Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned					Lighting Amount: 1.0 W/sq ft							
					Ballast Factor: 1.0							

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 2140 Trucker Lounge

Zone Description: R202 V115

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 160 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 2 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 100.00 cfm	100.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: MFR-Lockers 24/7		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 470.00 To be calculated	To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: MFR-Lockers 24/7				
CO2 Sensor Location:None			Lighting Amount: 0.7 W/sq ft				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass			Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F					
Roof - 1	160 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	219 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	23	0.29	0.60	Overhang - None	None	0.00		
Wall - 2	245 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	21	0.00	0.20	Overhang - None	None	0.00		
Misc Load 1	1,000.000 Btuh			MFR-Lockers 24/7			Electricity						100	100	0 60.00
Floor - 1															29 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2141 Trucker Tlt

Zone Description: R202 V115

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 68 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None	
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: 85.00 To be calculated	To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust: 100.00 cfm		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	68 ft²	0	90 90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Wall - 1	192 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	128 ft²	0	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Floor - 1															20 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2142 Office

Zone Description: R202 V115

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 266 ft²	Flr-Flr Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Flr:		# of People: 3 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 200.00 cfm	200.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: 720.00 To be calculated	To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	266 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	232 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Wall - 2	192 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	23	0.29	0.60	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00
Floor - 1															27 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2114 Agile Rm

Zone Description: R203 V111

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 210 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 51.00 cfm		51.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 200.00 To be calculated		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity					100	100	0	60.00

Room Description: 2112 Office

Zone Description: R203 V112

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 121 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 15.00 cfm		15.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 100.00 To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office					
CO2 Sensor Location:None				Lighting Amount: 1.1 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity					100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 2113 Huddle

Zone Description: R203 V112

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 128 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 4 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 35.00 cfm		35.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 300.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

Room Description: 2110 Control Rm

Zone Description: R203 V113

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 1,082 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 12 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 130.00 cfm		130.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 800.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Available (100%)						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Available (100%)			None							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 2130 Truckers Tlt

Zone Description: RTU201

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 64 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 50.00 cfm	50.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 80.00 To be calculated	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust: 100.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	64 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	128 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Floor - 1															8 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2131 Truckers Lounge

Zone Description: RTU201

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 164 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 2 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 50.00 cfm	50.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: MFR-Lockers 24/7		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 340.00 To be calculated	To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: MFR-Lockers 24/7				
CO2 Sensor Location:None			Lighting Amount: 0.7 W/sq ft				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading					
Roof - 1	164 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45	0			Overhang - None	None					
Wall - 1	272 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	23	0.29	0.60	Overhang - None	None	0.00			
Wall - 2	192 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	23	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	1,000.000 Btuh			MFR-Lockers 24/7			Electricity							100	100	0 60.00
Floor - 1																29 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 2133 Office

Zone Description: RTU201

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 422 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 4 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 125.00 cfm	125.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 500.00 To be calculated	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust: 50.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	422 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	240 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	23	0.29	0.60	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	60.00
Floor - 1														15	0.73

ENTERED VALUES ROOM BY ROOM

Room Description: 2134 Restroom

Zone Description: RTU201

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 71 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 50.00 cfm	50.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 80.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust: 100.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: QRO - Lights Unoccupied					
CO2 Sensor Location:None			Lighting Amount: 1.0 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	71 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	128 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Floor - 1															8 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 3112 Electrical

Zone Description: RTU301-302

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 1,601 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 9,200.00 To be calculated	To be calculated		
Clg Tstat: None						Aux Supply: To be calculated	To be calculated		
Htg Tstat: None						Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1								
CO2 Sensor Location:None									
Room Type:Conditioned									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Wall - 1	436 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	68	0.00	0.20	Overhang - None	None	0.00		
Misc Load 1	10.000 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															27 0.73

Room Description: 3201 Electrical

Zone Description: RTU301-302

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 1,203 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 2,300.00 To be calculated	To be calculated		
Clg Tstat: None						Aux Supply: To be calculated	To be calculated		
Htg Tstat: None						Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1								
CO2 Sensor Location:None									
Room Type:Conditioned									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	1,203 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Misc Load 1	10.000 W/sq ft			Available (100%)			None						100	100	0 60.00

Project Name:
Dataset Name: C:\Users\ \Documents\TRACE 700 Projects\Project Files\ \ .TRC

TRACE® 700 v6.3.3 calculated at 09:19 AM on 06/05/2019
Alternative - 2 Entered Values - Rooms Page 101 of 153

ENTERED VALUES

ROOM BY ROOM

Room Description: 3202 Elec Life Safety

Zone Description: RTU301-302

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 368 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 500.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 500.00 To be calculated				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Shade							
Roof - 1	368 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0				Overhang - None	None					
Wall - 1	436 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90												
Misc Load 1	10.000 W/sq ft			Available (100%)			None								100	100	0	60.00

Room Description: 4150 Corridor

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 206 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 50.00 cfm		50.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: Available (100%)		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 100.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust: 50.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Available (100%)						
Room Type:Conditioned				Lighting Amount: 0.7 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Shade							
Wall - 1	160 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90												
Opening - 1				Door			Standard Door	21	0.00	0.20		Overhang - None	None	0.00				
Floor - 1																		10 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4152 Mens Tlt

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 140 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 95.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust: 100.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h-ft²-°F							
Wall - 1	280 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90												
Floor - 1																		18 0.73

Room Description: 4153 Womens Tlt

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 140 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 95.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust: 100.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value	Btu/h-ft²-°F							

ENTERED VALUES

ROOM BY ROOM

Room Description: 4154 Agile Rm

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 253 ft²	Flr-Flr Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:		# of People: 8 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 150.00 cfm	150.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Meeting Rm		Infil Type: None	None		
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 510.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: People - Meeting Rm					
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	196 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	22	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0 60.00
Floor - 1																12 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4155 Managers Office

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 100 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 1 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None		
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 240.00 To be calculated	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value								
Wall - 1	168 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90												
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0	60.00
Floor - 1																	11	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4156 Shipping Office

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 6,426 ft²	Flr-Flr Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Flr:		# of People: 9 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 100.00 cfm	100.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None		
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 480.00 To be calculated	To be calculated		
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated		
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Lights - Low rise office					
CO2 Sensor Location:None			Lighting Amount: 1.0 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	304 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	43	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0 60.00
Floor - 1																19 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4157 Truckers Tlt

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 91 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating		
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None		
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm		
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied		Infil Type: None	None		
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %					Vav Sched: Available (100%)			
Moisture Capacitance: Medium					Supply: 85.00 To be calculated	To be calculated		
Clg Tstat: None					Aux Supply: To be calculated	To be calculated		
Htg Tstat: None					Room Exhaust: 150.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	256 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	112 ft²	180	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Floor - 1															23 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 4158 Truckers Lounge

Zone Description: RTU401

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 194 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 100.00 cfm		100.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: MFR-Lockers 24/7		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 295.00 To be calculated		To be calculated	
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 50.00 cfm			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: MFR-Lockers 24/7					
Room Type:Conditioned				Lighting Amount: 0.7 W/sq ft					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Wall - 1	216 ft²	180	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1			Window			90.1 Window Zone 3	22	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	1,000.000 Btuh		MFR-Lockers 24/7			Electricity							100	100	0 60.00
Floor - 1															14 0.73

Room Description: 4132 Corridor

Zone Description: RTU402

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 267 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 50.00 cfm		50.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 50.00 To be calculated		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust: 50.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 0.7 W/sq ft					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				

ENTERED VALUES

ROOM BY ROOM

Room Description: 4134 Mens Tlt

Zone Description: RTU402

System Description: Factory

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 150 ft²	Flr-Flr Height: 16.0 ft	People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²·°F/Btu		People Schedule: QRO - Lights Unoccupied		Infil Type: None	None
Is There Carpet?: YES				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: 95.00 To be calculated	To be calculated
Clg Tstat: None		Lighting Type: Recessed fluorescent, not vented, 80% load to space		Aux Supply: To be calculated	To be calculated
Htg Tstat: None		Fixture Type: RECFL-NV		Room Exhaust: 100.00 cfm	
Thermostat Location:Zone	Floor Multiplier: 1	% Load to RA: 20 %		Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1	Lighting Schedule: QRO - Lights Unoccupied			
CO2 Sensor Location:None		Lighting Amount: 1.0 W/sq ft			
Room Type:Conditioned		Ballast Factor: 1.0			

											Adj	Pct	Pct	Pct	Rad		
Glass											Temp/	Sen/	Rm/	Ret/	Frc/		
Description	Area/ Amount	Dir	Const Type / Tilt Schedule		U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat Tmp	Perm Len	Loss Coef

Room Description: 4135 Womens Tlt

Zone Description: RTU402

System Description: Factory

GENERAL INFORMATION			PEOPLE			AIRFLOW INFORMATION		
Floor Area: 150 ft²	Flr-Flr Height: 16.0 ft		People Type: None			<u>Cooling</u>	<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:		# of People: 0 People			Vent Type: None	None	
Slab Cnstr Type: 4* LW Concrete			People Sensible: 250 Btu/h			Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h			Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: QRO - Lights Unoccupied			Infil Type: None	None	
Is There Carpet?: YES			Workstation: 1.0 workstation/person			Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F					Infil Schedule: Available (100%)		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity:	50 %					Vav Sched: Available (100%)		
Moisture Capacitance:	Medium					Supply: 95.00 To be calculated	To be calculated	
Clg Tstat: None			Lighting Type: Recessed fluorescent, not vented, 80% load to space			Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV			Room Exhaust: 100.00 cfm		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %			Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: QRO - Lights Unoccupied					
CO2 Sensor Location:None			Lighting Amount: 1.0 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
							Btu/h·ft²·°F			Btu/h·ft²·°F							

ENTERED VALUES

ROOM BY ROOM

Room Description: 4137 Workstations

Zone Description: RTU402

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 330 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None			Vent Value: 100.00 cfm		None
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Schedule: Available (100%)			Infil Type: None		None
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Infil Value: 0.00 air changes/hr			Infil Schedule: Available (100%)		0.00 air changes/hr
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: Available (100%)		Vav Airflow: Min: 30.00 % Clg Airflow			Vav Sched: Available (100%)		
Is There Carpet?: YES						Supply: 500.00 To be calculated			Aux Supply: To be calculated		To be calculated
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Room Exhaust:			Rm Exh Sched: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F											
Design Relative Humidity: 50 %											
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Wall - 1	152 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	17	0.29	0.60	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Available (100%)			None						100	100	0 60.00
Floor - 1															10 0.73

Room Description: 4138 Office

Zone Description: RTU402

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None			Vent Value: 0.00 cfm		None
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Schedule: Available (100%)			Infil Type: None		None
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Infil Value: 0.00 air changes/hr			Infil Schedule: Available (100%)		0.00 air changes/hr
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Vav Airflow: Min: 30.00 % Clg Airflow			Vav Sched: Available (100%)		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Supply: 155.00 To be calculated			Aux Supply: To be calculated		To be calculated
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Room Exhaust:			Rm Exh Sched: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F											
Design Relative Humidity: 50 %											
Moisture Capacitance: Medium											
Clg Tstat: None											
Htg Tstat: None											
Thermostat Location:Zone	Floor Multiplier: 1										
Humidistat Location:Room	Room Multiplier: 1										
CO2 Sensor Location:None											
Room Type:Conditioned											

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 4139 Office

Zone Description: RTU402

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 60.00 % Clg Airflow	
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium						Supply: 310.00 To be calculated		To be calculated	
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:			
				to space		Rm Exh Sched: Available (100%)			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office					
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Wall - 1	192 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	35	0.29	0.60	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00
Floor - 1														12	0.73

Room Description: 4140 Agile Rm

Zone Description: RTU402

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 207 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 100.00 cfm		100.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 440.00 To be calculated		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1224 MDF

Zone Description: SS-101

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 361 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None	None			
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 800.00 To be calculated	To be calculated			
Clg Tstat: None						Aux Supply: To be calculated	To be calculated			
Htg Tstat: None						Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	361 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None					
Misc Load 1	10.000 W/sq ft			Available (100%)			None							100	100	0	60.00

Room Description: 1120 Office Stair 01

Zone Description: Stairs Off 1120

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 250 ft²	Flr-Flr Height: 16.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None			
Is There Carpet?: NO						Infil Value: 0.00 air changes/hr	0.30 cfm/sq ft of door			
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Infil - Office Vest				
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: To be calculated	145.00 To be calculated			
Clg Tstat: None						Aux Supply: To be calculated	To be calculated			
Htg Tstat: None						Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass						Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading					
Wall - 1	395 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90											
Opening - 1			Door			Standard Door	21	0.00	0.20	Overhang - None	None	0.00				
Wall - 2	176 ft²	0	0 90.1-10 Min Wall Nonres	0.0849	0.90											
Floor - 1																36 0.73

36 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1120 Office Stair 02

Zone Description: Stairs Off 1120

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 250 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: To be calculated	100.00 To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	250 ft²	0	90 90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Wall - 1	395 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	176 ft²	0	0 90.1-10 Min Wall Nonres	0.0849	0.90										

ENTERED VALUES

ROOM BY ROOM

Room Description: 1137 Office Stair 01

Zone Description: Stairs Off 1137

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 275 ft²	Fir-Fir Height: 16.0 ft		People Type: None		<u>Cooling</u>	<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is there Carpet?: NO					Infil Value: 0.00 air changes/hr	0.30 cfm/sq ft of door	
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Infil - Office Vest		
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %			<u>LIGHTS</u>		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated	145.00 To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Lights - Low rise office				
CO2 Sensor Location:None			Lighting Amount: 0.7 W/sq ft				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	395 ft²	180	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Door			Standard Door	21	0.00	0.20	Overhang - None	None	0.00			
Wall - 2	176 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Floor - 1															36	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1137 Office Stair 02

Zone Description: Stairs Off 1137

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 275 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: NO						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 105.0 °F / 105.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 65.0 °F / 60.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated		100.00 To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 0.7 W/sq ft						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	275 ft²	0	90 90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Wall - 1	395 ft²	90	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	176 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										

Room Description: 2106 Corridor

Zone Description: Vent Corridor

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 4,661 ft²	Flr-Flr Height: 50.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 0.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 cfm		0.00 cfm		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				<u>LIGHTS</u>		Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %				Lighting Type: Recessed fluorescent, not vented, 80% load		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				to space		Supply: To be calculated		To be calculated		
Clg Tstat: None				Fixture Type: RECFL-NV		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				% Load to RA: 20 %		Room Exhaust: 2,000.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			Lighting Schedule: Lights - Low rise office		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Amount: 0.4 W/sq ft						
CO2 Sensor Location:None				Ballast Factor: 1.0						
Room Type:Conditioned										

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	4,661 ft²	0	90 90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				

ENTERED VALUES

ROOM BY ROOM

Room Description: 2210 Elec Mezz

Zone Description: Vent Elec Mezz

System Description: Factory

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION					
Floor Area: 1,593 ft²	Flr-Flr Height: 16.0 ft			People Type: None				<u>Cooling</u>		<u>Heating</u>			
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People				Vent Type: None		None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h				Vent Value: 0.00 cfm		0.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)				Infil Type: None		None			
Is There Carpet?: NO								Infil Value: 0.00 air changes/hr		0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person				Infil Schedule: Available (100%)					
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow					
Design Relative Humidity: 50 %								Vav Sched: Available (100%)					
Moisture Capacitance: Medium				<u>LIGHTS</u>				Supply: To be calculated		To be calculated			
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Aux Supply: To be calculated		To be calculated			
Htg Tstat: None				to space				Room Exhaust: 1,600.00 cfm					
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV				Rm Exh Sched: Available (100%)					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %									
CO2 Sensor Location:None				Lighting Schedule: Available (100%)									
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft									
				Ballast Factor: 1.0									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h·ft²·°F								
Roof - 1	1,593 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0				Overhang - None	None					

Room Description: 2147 Utility

Zone Description: Vent Utility 1

System Description: Factory

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION					
Floor Area: 269 ft²	Flr-Flr Height: 16.0 ft			People Type: None				<u>Cooling</u>		<u>Heating</u>			
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People				Vent Type: None		None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h				Vent Value: 0.00 cfm		0.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)				Infil Type: None		None			
Is There Carpet?: YES				Workstation: 1.0 workstation/person				Infil Value: 0.00 cfm		0.00 cfm			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F								Infil Schedule: Available (100%)					
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow					
Design Relative Humidity: 50 %								Vav Sched: Available (100%)					
Moisture Capacitance: Medium				<u>LIGHTS</u>				Supply: To be calculated		To be calculated			
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Aux Supply: To be calculated		To be calculated			
Htg Tstat: None				to space				Room Exhaust: 300.00 cfm					
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV				Rm Exh Sched: Available (100%)					
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %									
CO2 Sensor Location:None				Lighting Schedule: Available (100%)									
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft									
				Ballast Factor: 1.0									

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h·ft²·°F								

ENTERED VALUES

ROOM BY ROOM

Room Description: 4130 Utility

Zone Description: Vent Utility 2

System Description: Factory

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 285 ft²	Fir-Fir Height: 16.0 ft			People Type: None		Cooling		Heating	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Available (100%)		Infil Type: None		None	
Is There Carpet?: NO						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %				LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust: 300.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Available (100%)					
CO2 Sensor Location:None				Lighting Amount: 1.0 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
							Energy Type										

ENTERED VALUES

ROOM BY ROOM

Room Description: 1100 Vestibule

Zone Description: Vestibule

System Description: Factory

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 72 ft²	Fir-Fir Height: 16.0 ft		People Type: None		<u>Cooling</u>	<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 0 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.30 cfm/sq ft of wall	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Infil - Office Vest		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %			<u>LIGHTS</u>		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated	60.00 To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Lights - Low rise office				
CO2 Sensor Location:None			Lighting Amount: 0.9 W/sq ft				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	36 ft²	0	90 90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Wall - 1	64 ft²	0	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	155 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1			Window			90.1 Window Zone 3	56	0.29	0.60	Overhang - None	None	0.00			
Wall - 3	64 ft²	180	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Floor - 1															18 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1111 Training-N

Zone Description: F101

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 202 ft²	Fir-Fir Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 7 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 510.00 To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: People - Meeting Rm					
CO2 Sensor Location:None				Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	299 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	92	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0 60.00
Floor - 1																19 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1118 First Aid
Zone Description: F101
System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 160 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None			None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 16.00 cfm			16.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None			None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr			0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)					
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			Max: 100.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)					
Moisture Capacitance: Medium						Supply: 275.00 To be calculated			To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated			To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 60.00 cfm					
				to space		Rm Exh Sched: Available (100%)					
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office							
Room Type:Conditioned				Lighting Amount: 1.7 W/sq ft							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	197 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	56	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	0.200 W/sq ft			Misc - Low rise office			Electricity							100	100	0 60.00
Floor - 1															12	0.73

Room Description: 1119 Restroom
Zone Description: F101
System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION					
Floor Area: 54 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>			<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None			None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm			0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)					
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None			None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr			0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)					
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow					
Design Relative Humidity: 50 %						Vav Sched: Available (100%)					
Moisture Capacitance: Medium						Supply: 45.00 To be calculated			To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated			To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust: 60.00 cfm					
				to space		Rm Exh Sched: Available (100%)					
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV							
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	100 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	6	0.29	0.60	Overhang - None	None	0.00			

ENTERED VALUES

ROOM BY ROOM

Room Description: 1110 Breakroom-N

Zone Description: F102

System Description: Office First

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 623 ft²	Fir-Fir Height: 16.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 40 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: MFR-Lockers 24/7		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: 1,020.00 To be calculated	To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	592 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	168	0.29	0.60	Overhang - None	None	0.00			
Floor - 1															37	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1107 Kitchen

Zone Description: F103

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 475 ft²	Fir-Fir Height: 16.0 ft			People Type: None		Cooling		Heating	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 0 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 100.00 cfm		100.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: MFR-Lockers 24/7		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %				LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 505.00 To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: MFR-Lockers 24/7					
CO2 Sensor Location:None				Lighting Amount: 0.7 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	224 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	56	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	1.500 W/sq ft			MFR-Lockers 24/7			Electricity							100	100	0 60.00
Floor - 1																14 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1102 Conference

Zone Description: F104

System Description: Office First

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 165 ft²	Flr-Flr Height: 16.0 ft			People Type: None				<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 8 People				Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h				Vent Value: 55.00 cfm		55.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm				Infil Type: None		None	
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>				Supply: 490.00 To be calculated		490.00 To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space				Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm							
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
									U Value Btu/h-ft²-°F								
Wall - 1	248 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90												
Opening - 1			Window			90.1 Window Zone 3	64	0.29	0.60	Overhang - None	None	0.00					
Misc Load 1	0.800 W/sq ft		People - Meeting Rm			Electricity								100	100	0	60.00
Floor - 1																16	0.73

Room Description: 1103 Restroom

Zone Description: F104

System Description: Office First

GENERAL INFORMATION				PEOPLE				AIRFLOW INFORMATION			
Floor Area: 57 ft²	Flr-Flr Height: 16.0 ft			People Type: None				<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People				Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h				Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h				Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied				Infil Type: None		None	
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person				Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>				Supply: To be calculated		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load				Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space				Room Exhaust: 50.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV				Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %							
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied							
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft							
				Ballast Factor: 1.0							

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
									U Value Btu/h-ft²-°F								

ENTERED VALUES

ROOM BY ROOM

Room Description: 1132 Office

Zone Description: F105

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 116 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 250.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Wall - 1	171 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1			Window			90.1 Window Zone 3	64	0.29	0.60	Overhang - None	None	0.00			
Misc Load 1	0.800 W/sq ft		Misc - Low rise office			Electricity						100	100	0	60.00
Floor - 1														11	0.73

Room Description: 1133 HR Storage

Zone Description: F105

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 64 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 4.00 cfm		4.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 0.40 cfm/sq ft				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 30.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 0.6 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				

ENTERED VALUES

ROOM BY ROOM

Room Description: 1124 Corridor

Zone Description: F106

System Description: Office First

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 276 ft ² Flr-Flr Height: 16.0 ft					People Type: None			<u>Cooling</u> <u>Heating</u>				
Plenum Height: 7.0 ft Height Above Flr:					# of People: 0 People			Vent Type: None None				
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 0.00 cfm 0.00 cfm				
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft ² ·°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None None				
Is There Carpet?: YES					Workstation: 0.0 workstation/person			Infil Value: 0.00 air changes/hr 0.00 air changes/hr				
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F								Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow Max: 100.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 120.00 To be calculated To be calculated				
Clg Tstat: None								Aux Supply: To be calculated To be calculated				
Htg Tstat: None								Room Exhaust:				
Thermostat Location:Zone								Rm Exh Sched: Available (100%)				
Humidistat Location:Room												
CO2 Sensor Location:None												
Room Type:Conditioned												

										Glass				
					U Value			Type /	Area	Shade	U Value	External	Internal	Adj
					Btu/h·ft ² ·°F	Alpha		Energy Type	ft ²	Coef	Btu/h·ft ² ·°F	Shading	Shading	Temp/
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule										Grnd Refl

Room Description: 1134 Work Station

Zone Description: F106

System Description: Office First

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 763 ft ² Flr-Flr Height: 16.0 ft					People Type: None			<u>Cooling</u> <u>Heating</u>				
Plenum Height: 7.0 ft Height Above Flr:					# of People: 16 People			Vent Type: None None				
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 450.00 cfm 450.00 cfm				
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft ² ·°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None None				
Is There Carpet?: YES					Workstation: 0.0 workstation/person			Infil Value: 0.00 air changes/hr 0.00 air changes/hr				
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F								Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 760.00 To be calculated To be calculated				
Clg Tstat: None								Aux Supply: To be calculated To be calculated				
Htg Tstat: None								Room Exhaust:				
Thermostat Location:Zone								Rm Exh Sched: Available (100%)				
Humidistat Location:Room												
CO2 Sensor Location:None												
Room Type:Conditioned												

										Glass				
					U Value			Type /	Area	Shade	U Value	External	Internal	Adj
					Btu/h·ft ² ·°F	Alpha		Energy Type	ft ²	Coef	Btu/h·ft ² ·°F	Shading	Shading	Temp/
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule										Grnd Refl
Wall - 1	488 ft ²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90								
Opening - 1				Window				90.1 Window Zone 3	128	0.29	0.60	Overhang - None	None	0.00
Misc Load 1	0.800 W/sq ft			Misc - Low rise office				Electricity						
Floor - 1														

ENTERED VALUES

ROOM BY ROOM

Room Description: 1131 Lockers

Zone Description: F107

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 1,131 ft²	Fir-Fir Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:			# of People: 64 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: MFR-Lockers 24/7		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 785.00 To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust: 225.00 cfm			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: MFR-Lockers 24/7					
CO2 Sensor Location:None				Lighting Amount: 0.8 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Wall - 1	528 ft²	180	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	42	0.29	0.60	Overhang - None	None	0.00		
Floor - 1														33	0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1135 Focus

Zone Description: F108

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 111 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 250.00 To be calculated		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F								
Wall - 1	192 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90												
Opening - 1				Window			90.1 Window Zone 3	63	0.29	0.60		Overhang - None	None	0.00				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity								100	100	0	60.00
Floor - 1																	12	0.73

Room Description: 1136 Huddle

Zone Description: F108

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 122 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 41.00 cfm		41.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %						Vav Sched: Available (100%)			
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 120.00 To be calculated		To be calculated	
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				to space		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %					
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm					
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft					
				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F								
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity								100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1121 Sensory

Zone Description: V101

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 490 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 44.00 cfm		44.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 575.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Shade Coef			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity					100	100	0	60.00

Room Description: 1122 Office

Zone Description: V102

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 200 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 46.00 cfm		46.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 145.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Shade Coef			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity					100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1123 Analytical Brewing Lab

Zone Description: V103

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 580 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 182.00 cfm		182.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 390.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.8 W/sq ft						
				Ballast Factor: 1.0						

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0 60.00

Room Description: 1109 Corridor N

Zone Description: V104

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 696 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is there Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 215.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 0.7 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading					
Wall - 1	112 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1				Window			90.1 Window Zone 3	48	0.29	0.60	Overhang - None	None	0.00			
Floor - 1																7 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1115 Office

Zone Description: V104

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 100.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

Room Description: 1116 Office

Zone Description: V104

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is there Carpet?: YES				Workstation: 0.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 100.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 0.0 W/sq ft						
				Ballast Factor: 1.0						

Glass													Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1117 Huddle

Zone Description: V104

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 110.00 To be calculated		To be calculated		
Clg Tstat: None						Aux Supply: To be calculated		To be calculated		
Htg Tstat: None						Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0 60.00

Room Description: 1111 Training-Int

Zone Description: V105

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 262 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 6 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 250.00 To be calculated		To be calculated		
Clg Tstat: None						Aux Supply: To be calculated		To be calculated		
Htg Tstat: None						Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1114 Storage

Zone Description: V105

System Description: Office First

GENERAL INFORMATION					PEOPLE		AIRFLOW INFORMATION				
Floor Area: 303 ft²	Flr-Flr Height: 16.0 ft				People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h		Vent Value: 20.00 cfm		20.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES							Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F							Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %							Vav Sched: Available (100%)				
Moisture Capacitance: Medium							Supply: 115.00 To be calculated		To be calculated		
Clg Tstat: None					<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				to space		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Fixture Type: RECFL-NV						
CO2 Sensor Location:None					% Load to RA: 20 %						
Room Type:Conditioned					Lighting Schedule: QRO - Lights Unoccupied						
					Lighting Amount: 0.6 W/sq ft						
					Ballast Factor: 1.0						

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
							Energy Type										

Room Description: 1113 Conference

Zone Description: V106

System Description: Office First

GENERAL INFORMATION					PEOPLE		AIRFLOW INFORMATION				
Floor Area: 464 ft²	Flr-Flr Height: 16.0 ft				People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 13 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h		Vent Value: 97.00 cfm		97.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES							Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F							Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %							Vav Sched: Available (100%)				
Moisture Capacitance: Medium					<u>LIGHTS</u>		Supply: 410.00 To be calculated		To be calculated		
Clg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %						
CO2 Sensor Location:None					Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned					Lighting Amount: 1.2 W/sq ft						
					Ballast Factor: 1.0						

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1109 Corridor

Zone Description: V107

System Description: Office First

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 285 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 10.00 cfm	10.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 0.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow	Max: 100.00 % Clg Airflow			
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 150.00 To be calculated	To be calculated			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				to space			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Fixture Type: RECFL-NV							
CO2 Sensor Location:None					% Load to RA: 20 %							
Room Type:Conditioned					Lighting Schedule: Lights - Low rise office							
					Lighting Amount: 0.7 W/sq ft							
					Ballast Factor: 1.0							

Glass											Adj	Pct	Pct	Pct	Rad		
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd	Sen/ Cool	Rm/ Heat	Ret/ Perm	Frc/ Loss
							Energy Type						Refl	Tmp	Tmp	Len	Coef

Room Description: 1110 Breakroom-Int

Zone Description: V107

System Description: Office First

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 1,220 ft²	Flr-Flr Height: 16.0 ft				People Type: None			Cooling	Heating			
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 64 People			Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 634.00 cfm	634.00 cfm			
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: DC Vent - Conf				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: MFR-Lockers 24/7			Infil Type: None	None			
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium								Supply: 2,540.00 To be calculated	To be calculated			
Clg Tstat: None					LIGHTS			Aux Supply: To be calculated	To be calculated			
Htg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				to space			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Fixture Type: RECFL-NV							
CO2 Sensor Location:None					% Load to RA: 20 %							
Room Type:Conditioned					Lighting Schedule: MFR-Lockers 24/7							
					Lighting Amount: 0.7 W/sq ft							
					Ballast Factor: 1.0							

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Const Type / Tilt	Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 1108 Cubbies

Zone Description: V108

System Description: Office First

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 479 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 0 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 32.00 cfm		32.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: MFR-Lockers 24/7			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %								Vav Sched: Available (100%)				
Moisture Capacitance: Medium					<u>LIGHTS</u>			Supply: 165.00 To be calculated		To be calculated		
Clg Tstat: None					Lighting Type: Recessed fluorescent, not vented, 80% load			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					to space			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				Fixture Type: RECFL-NV			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				% Load to RA: 20 %							
CO2 Sensor Location:None					Lighting Schedule: MFR-Lockers 24/7							
Room Type:Conditioned					Lighting Amount: 0.7 W/sq ft							
					Ballast Factor: 1.0							

										Glass					Adj	Pct	Pct	Pct	Rad
Description					Area/	Const Type /	U Value	Type /	Area	Shade	U Value	External	Internal		Temp/	Sen/	Rm/	Ret/	Frc/
					Amount	Dir	Alpha	Energy Type	ft²	Coef	Btu/h·ft²·°F	Shading	Shading		Grnd	Cool	Heat	Perm	Loss
															Refl	Tmp	Tmp	Len	Coef

Room Description: 1105 Lobby East

Zone Description: V109

System Description: Office First

GENERAL INFORMATION					PEOPLE			AIRFLOW INFORMATION				
Floor Area: 947 ft²	Flr-Flr Height: 16.0 ft				People Type: None			<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:				# of People: 2 People			Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete					People Sensible: 250 Btu/h			Vent Value: 106.00 cfm		106.00 cfm		
Room Mass: Time delay based on actual mass					People Latent : 250 Btu/h			Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu					People Schedule: People - Low Rise Office			Infil Type: None		None		
Is There Carpet?: YES								Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F					Workstation: 0.0 workstation/person			Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F								Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %					<u>LIGHTS</u>			Vav Sched: Available (100%)				
Moisture Capacitance: Medium					Lighting Type: Recessed fluorescent, not vented, 80% load			Supply: 360.00 To be calculated		To be calculated		
Clg Tstat: None					to space			Aux Supply: To be calculated		To be calculated		
Htg Tstat: None					Fixture Type: RECFL-NV			Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1				% Load to RA: 20 %			Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1				Lighting Schedule: Lights - Low rise office							
CO2 Sensor Location:None					Lighting Amount: 0.9 W/sq ft							
Room Type:Conditioned					Ballast Factor: 1.0							

										Glass					Adj	Pct	Pct	Pct	Rad
Description					Area/	Const Type /	U Value	Type /	Area	Shade	U Value	External	Internal		Temp/	Sen/	Rm/	Ret/	Frc/
					Amount	Dir	Alpha	Energy Type	ft²	Coef	Btu/h·ft²·°F	Shading	Shading		Grnd	Cool	Heat	Perm	Loss
															Refl	Tmp	Tmp	Len	Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 1139 Electrical

Zone Description: V109

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 9 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 20.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	1.000 W/sq ft			Available (100%)			None							100	100	0	60.00

Room Description: 1125 Business Centers

Zone Description: V110

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 191 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 18.00 cfm		18.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 200.00 To be calculated		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 1.1 W/sq ft						
Room Type:Conditioned				Ballast Factor: 1.0						

Glass												Adj	Pct	Pct	Pct	Rad	
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1126 Den

Zone Description: V110

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 277 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 27.00 cfm		27.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 185.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 0.9 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Shade Coef			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity					100	100	0	60.00

Room Description: 1127 Janitor

Zone Description: V110

System Description: Office First

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 69 ft²	Flr-Flr Height: 16.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 7.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 25.00 To be calculated		25.00 To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust: 50.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: QRO - Lights Unoccupied						
CO2 Sensor Location:None				Lighting Amount: 0.6 W/sq ft						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Shade Coef			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef

ENTERED VALUES

ROOM BY ROOM

Room Description: 1128 Mens Restroom

Zone Description: V110

System Description: Office First

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 358 ft²	Flr-Flr Height: 16.0 ft	People Type: None		Cooling	Heating
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²·°F/Btu		People Schedule: QRO - Lights Unoccupied		Infil Type: None	None
Is There Carpet?: YES				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: 130.00 To be calculated	To be calculated
Clg Tstat: None				Aux Supply: To be calculated	To be calculated
Htg Tstat: None				Room Exhaust: 225.00 cfm	
Thermostat Location:Zone	Floor Multiplier: 1			Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1				
CO2 Sensor Location:None					
Room Type:Conditioned					

															Adj	Pct	Pct	Pct	Rad
															Temp/	Sen/	Rm/	Ret/	Frc/
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type /	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Grnd Refl	Cool Tmp	Heat Tmp	Perm Len	Loss Coef		
							Energy Type												

Room Description: 1129 Wmns Restroom

Zone Description: V110

System Description: Office First

GENERAL INFORMATION		PEOPLE		AIRFLOW INFORMATION	
Floor Area: 358 ft²	Flr-Flr Height: 16.0 ft	People Type: None		<u>Cooling</u>	<u>Heating</u>
Plenum Height: 7.0 ft	Height Above Flr:	# of People: 0 People		Vent Type: None	None
Slab Cnstr Type: 4* LW Concrete		People Sensible: 250 Btu/h		Vent Value: 0.00 cfm	0.00 cfm
Room Mass: Time delay based on actual mass		People Latent : 250 Btu/h		Vent Schedule: Available (100%)	
Ceiling R-Value: 1.786 hr-ft²-°F/Btu		People Schedule: QRO - Lights Unoccupied		Infil Type: None	None
Is there Carpet?: YES				Infil Value: 0.00 air changes/hr	0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F		Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)	
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				Vav Airflow: Min: 30.00 % Clg Airflow	
Design Relative Humidity: 50 %				Vav Sched: Available (100%)	
Moisture Capacitance: Medium				Supply: 130.00 To be calculated	To be calculated
Clg Tstat: None				Aux Supply: To be calculated	To be calculated
Htg Tstat: None				Room Exhaust: 225.00 cfm	
Thermostat Location:Zone	Floor Multiplier: 1			Rm Exh Sched: Available (100%)	
Humidistat Location:Room	Room Multiplier: 1				
CO2 Sensor Location:None					
Room Type:Conditioned					

Glass															Adj	Pct	Pct	Pct	Rad
Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Temp/ Grnd	Sen/ Cool	Rm/ Heat	Ret/ Perm	Frc/ Loss		
													Refl	Tmp	Tmp	Len	Coef		

ENTERED VALUES

ROOM BY ROOM

Room Description: 1223 Computer Lab

Zone Description: F201

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 339 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 12 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 178.00 cfm		178.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 100.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 440.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	339 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0	60.00

Room Description: 1217 IT Workroom

Zone Description: F202

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 106 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 125.00 To be calculated		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Lights - Low rise office						
CO2 Sensor Location:None				Lighting Amount: 1.1 W/sq ft						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	106 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1225 IT Storage

Zone Description: F202

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 383 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 25.00 cfm		25.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 0.40 cfm/sq ft				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 140.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 0.6 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Pct Frc/ Loss Coef
							Type / Energy Type											
Roof - 1	383 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45			0			Overhang - None	None					

Room Description: 1218 Business Center

Zone Description: F203

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 180 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 17.00 cfm		17.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 105.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Pct Frc/ Loss Coef
							Type / Energy Type											
Roof - 1	180 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45			0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity								100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1219 HR Office

Zone Description: F203

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 105.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	External Shading						
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None					
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

Room Description: 1220 Huddle

Zone Description: F203

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 140 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 5 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 42.00 cfm		42.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 330.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	External Shading						
Roof - 1	140 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None					
Wall - 1	279 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90											
Opening - 1				Window			90.1 Window Zone 3	58	0.29	0.65	Overhang - None	None	0.00				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1221 HR Storage

Zone Description: F203

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 44 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 3.00 cfm		3.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 20.00 To be calculated		To be calculated		
Clg Tstat: None						Aux Supply: To be calculated		To be calculated		
Htg Tstat: None						Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	44 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			

Room Description: 1222 Corridor

Zone Description: F203

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 339 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 100.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 60.00 To be calculated		To be calculated		
Clg Tstat: None						Aux Supply: To be calculated		To be calculated		
Htg Tstat: None						Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1					Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1									
CO2 Sensor Location:None										
Room Type:Conditioned										

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	339 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			

ENTERED VALUES

ROOM BY ROOM

Room Description: 1211 Focus

Zone Description: F204

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 80 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 11.00 cfm		11.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 60.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	80 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0	60.00

Room Description: 1214 Office

Zone Description: F204

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 200 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 19.00 cfm		19.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 0.40 cfm/sq ft		Max: 100.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 160.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	200 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1215 Wellness

Zone Description: F204

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 200 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 19.00 cfm		19.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 55.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	200 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0 60.00

Room Description: 1216 Electrical

Zone Description: F204

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 156 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 10.00 cfm		10.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 415.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	156 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	10.000 W/sq ft			Available (100%)			None							100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1204 Open Office

Zone Description: F205/9

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 2,127 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 24 People		Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 402.00 cfm	402.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None			
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 2,465.00 To be calculated	To be calculated			
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated			
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	2,127 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	1,169 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	280	0.29	0.65	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00

Room Description: 1208 Flex

Zone Description: F206

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 814 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 131.00 cfm	131.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None			
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 495.00 To be calculated	To be calculated			
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated			
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	814 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Misc Load 1	0.200 W/sq ft			Misc - Low rise office			Electricity						100	100	0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1209 Huddle

Zone Description: F206

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 4 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 41.00 cfm		41.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 105.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0	60.00

Room Description: 1210 Office

Zone Description: F206

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 95.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1202 Conf

Zone Description: F207

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 377 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 14 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 102.00 cfm		102.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 490.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	377 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity						100	100	0	60.00

Room Description: 1205 Office

Zone Description: F208

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 120 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 13.00 cfm		13.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 100.00 To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.1 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	120 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1206 Storage

Zone Description: F208

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 70 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 5.00 cfm		5.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 30.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 0.6 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	70 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0	Overhang - None	None					

Room Description: 1207 Focus

Zone Description: F208

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 80 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 16.00 cfm		16.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 50.00 To be calculated		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: People - Meeting Rm						
CO2 Sensor Location:None				Lighting Amount: 1.2 W/sq ft						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		External Shading	Internal Shading	Adj	Pct	Pct	Pct	Rad
							Type / Energy Type	Area ft²			Temp/ Grnd Refl	Sen/ Cool Tmp	Rm/ Heat Tmp	Ret/ Perm Len	Frc/ Loss Coef
Roof - 1	80 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0	Overhang - None	None					
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity					100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1203 Conf

Zone Description: F210

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 257 ft²	Fir-Fir Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 9.0 ft	Height Above Fir:			# of People: 8 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 61.00 cfm		61.00 cfm	
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 510.00 To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: People - Meeting Rm					
CO2 Sensor Location:None				Lighting Amount: 1.2 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	257 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None			
Wall - 1	228 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	56	0.29	0.65	Overhang - None	None	0.00		
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100 0 60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1101 Lobby West

Zone Description: F211/14

System Description: Office Second

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION			
Floor Area: 655 ft²	Fir-Fir Height: 16.0 ft		People Type: None		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 7.0 ft	Height Above Fir:		# of People: 3 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 99.00 cfm		99.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: People - Low Rise Office		Infil Type: None		None	
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow			
Design Relative Humidity: 50 %			<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 2,430.00 To be calculated		To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Lights - Low rise office					
CO2 Sensor Location:None			Lighting Amount: 0.9 W/sq ft					
Room Type:Conditioned			Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Const Type / Tilt Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
						Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Wall - 1	176 ft²	0	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Wall - 2	344 ft²	270	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Opening - 1			Window			90.1 Window Zone 3	168	0.29	0.60	Overhang - None	None	0.00			
Wall - 3	176 ft²	180	0 90.1-10 Min Wall Nonres	0.0849	0.90										
Misc Load 1	600.000 Btuh		Misc - Low rise office			Electricity							100	100	0 60.00
Floor - 1															44 0.73

ENTERED VALUES

ROOM BY ROOM

Room Description: 1201 Flex

Zone Description: F212/13

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 1,345 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 160.00 cfm	160.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None	None			
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 770.00 To be calculated	To be calculated			
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated			
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	External Shading						
Roof - 1	1,345 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None					
Misc Load 1	0.200 W/sq ft			Misc - Low rise office			Electricity							100	100	0	60.00

Room Description: 1226 Conference

Zone Description: F215

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 275 ft²	Flr-Flr Height: 19.0 ft			People Type: None		Cooling	Heating			
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 8 People		Vent Type: None	None			
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 62.00 cfm	62.00 cfm			
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Meeting Rm		Infil Type: None	None			
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr	0.00 air changes/hr			
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: 515.00 To be calculated	To be calculated			
Clg Tstat: None				LIGHTS		Aux Supply: To be calculated	To be calculated			
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: People - Meeting Rm						
Room Type:Conditioned				Lighting Amount: 1.2 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Type / Energy Type	Area ft²	Shade Coef	Glass		Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
										U Value Btu/h-ft²-°F	External Shading						
Roof - 1	275 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None					
Wall - 1	261 ft²	270	0	90.1-10 Min Wall Nonres	0.0849	0.90											
Opening - 1				Window			90.1 Window Zone 3	56	0.29	0.65	Overhang - None	None	0.00				
Misc Load 1	0.800 W/sq ft			People - Meeting Rm			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

Room Description: 1229 Janitor

Zone Description: F216

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 29 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 0.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust: 50.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 0.6 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd	Pct Sen/ Cool	Pct Rm/ Heat	Pct Ret/ Perm	Pct Frc/ Loss
							Type / Energy Type							Refl	Tmp	Tmp	Len	Coef
Roof - 1	29 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45			0			Overhang - None	None					

Room Description: 1230 Wmns Restroom

Zone Description: F216

System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 167 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 65.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust: 100.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: QRO - Lights Unoccupied						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass		Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd	Pct Sen/ Cool	Pct Rm/ Heat	Pct Ret/ Perm	Pct Frc/ Loss
							Type / Energy Type							Refl	Tmp	Tmp	Len	Coef
Roof - 1	167 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45			0			Overhang - None	None					

ENTERED VALUES

ROOM BY ROOM

Room Description: 1231 Future Fit Out
Zone Description: F216
System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 3,642 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 150 sq ft/person		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 339.00 cfm		339.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: People - Low Rise Office		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 0.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow		Max: 100.00 % Clg Airflow		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium				<u>LIGHTS</u>		Supply: 2,800.00 To be calculated		To be calculated		
Clg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				to space		Room Exhaust:				
Thermostat Location:Zone	Floor Multiplier: 1			Fixture Type: RECFL-NV		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Lights - Low rise office						
Room Type:Conditioned				Lighting Amount: 1.0 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	3,642 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				
Misc Load 1	0.800 W/sq ft			Misc - Low rise office			Electricity						100	100	0	60.00

Room Description: 1228 Mens Restroom
Zone Description: F217-19
System Description: Office Second

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 178 ft²	Flr-Flr Height: 19.0 ft			People Type: None		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 9.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.00 cfm		0.00 cfm		
Room Mass: Time delay based on actual mass				People Latent : 250 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: QRO - Lights Unoccupied		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow: Min: 30.00 % Clg Airflow				
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 65.00 To be calculated		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust: 100.00 cfm				
Thermostat Location:Zone	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: QRO - Lights Unoccupied						
CO2 Sensor Location:None				Lighting Amount: 1.0 W/sq ft						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading				
Roof - 1	178 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None	None				

ENTERED VALUES

ROOM BY ROOM

Room Description: 3101 Packaging

Zone Description: AHU301-314

System Description: Packaging

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 317,159 ft²	Fir-Fir Height: 50.0 ft		People Type: None		Cooling	Heating	
Plenum Height: 0.0 ft	Height Above Fir:		# of People: 20 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 47,117.00 cfm	47,117.00 cfm	
Room Mass: Time delay based on actual mass			People Latent : 250 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²-°F/Btu			People Schedule: Available (100%)		Infil Type: None	None	
Is there Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow: Min: 30.00 % Clg Airflow		
Design Relative Humidity: 50 %			LIGHTS		Vav Sched: Available (100%)		
Moisture Capacitance: Medium			Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: 280,000.00 To be calculated	To be calculated	
Clg Tstat: None			to space		Aux Supply: To be calculated	To be calculated	
Htg Tstat: None			Fixture Type: RECFL-NV		Room Exhaust:		
Thermostat Location:Zone	Floor Multiplier: 1		% Load to RA: 20 %		Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1		Lighting Schedule: Available (100%)				
CO2 Sensor Location:None			Lighting Amount: 1.2 W/sq ft				
Room Type:Conditioned			Ballast Factor: 1.0				

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass			Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading				
Roof - 1	317,159 ft²	0	90	90.1-10 Min Roof Nonres	0.0476	0.45		0			Overhang - None				
Wall - 1	5,363 ft²	0	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Door			Standard Door	42	0.00	0.20	Overhang - None				
Wall - 2	22,900 ft²	180	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	288	0.29	0.65	Overhang - None				
Opening - 2				Door			Standard Door	63	0.00	0.20	Overhang - None				
Opening - 3				Door			Standard Door	174	0.00	0.20	Overhang - None				
Wall - 3	18,950 ft²	90	0	90.1-10 Min Wall Nonres	0.0849	0.90									
Opening - 1				Window			90.1 Window Zone 3	216	0.29	0.65	Overhang - None				
Opening - 2				Door			Standard Door	21	0.00	0.20	Overhang - None				
Misc Load 1	35,923.000 Btuh			Available (100%)			None						100	100	0 60.00
Floor - 1															944 0.73