



(PKA-A30KA4 MODEL SHOWN)

PKA HEAT PUMP

INVERTER



BS = Seacoast Protection

18,000 BTU/h = 1.5 tons

Model Name	Indoor Unit		PKA-A18HA4	PKA-A24KA4	PKA-A30KA4	PKA-A36KA4	
	Outdoor Unit		PUZ-A18NHA4 (-BS)	PUZ-A24NHA4 (-BS)	PUZ-A30NHA4 (-BS)	PUZ-A36NHA4 (-BS)	
Cooling *1	Rated Capacity	Btu/h	18,000	24,000	30,000	34,200	
	Capacity Range	Btu/h	8,000-18,000	12,000-24,000	12,000-30,000	12,000-34,200	
	Total Input	W	2,240	2,270	4,130	5,030	
	Energy Efficiency	SEER	15.3	17.0	15.5	14.0	
	Moisture Removal	Pints/h	5.2	5.0	8.1	9.2	
	Sensible Heat Factor		0.68	0.77	0.70	0.70	
Heating at 47° F *2	Rated Capacity	Btu/h	19,000	26,000	32,000	37,000	
	Capacity Range	Btu/h	8,000-20,000	12,000-28,000	12,000-34,000	12,000-38,000	
	Total Input	W	1,970	2,330	3,150	3,610	
	HSPF (IV)	Btu/h/W	9.5	10.8	8.9	9.3	
Heating at 17° F *3	Capacity	Btu/h	13,000	18,000	23,000	25,000	
	Total Input	W	1,670	2,200	2,850	3,030	
Power Supply	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *4				
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V				
	Indoor - Outdoor S2 - S3		DC24				
Indoor Unit	MCA	A	1				
	Fan Motor	F.L.A.	0.33	0.36	0.57		
	Fan Motor Output	W	30	56	56		
	Airflow (Lo-Mid-Hi)	DRY (CFM)	320-370-425	635-705-775		705-810-920	
		WET (CFM)	290-335-380	570-635-700		635-730-830	
	Sound Pressure Level (Lo-Mid-Hi)	dB(A)	36-40-43	39-42-45		43-46-49	
	External Finish Color		Munsell No. 1.0Y 9.2 / 0.2				
	Dimension Unit	W: In.	35-3/8	46-1/16			
		D: In.	9-13/16	11-5/8			
		H: In.	11-5/8	14-3/8			
	Weight Unit	Lbs.	29	46			
	Field Drainpipe Size O.D.	In.	5/8				
Outdoor Unit	MCA	A	13	18	25		
	Recommended Fuse/Breaker Size	A	15	25	30		
	MOCP	A	20	30	40		
	Fan Motor	F.L.A.	0.35	0.75			
	Fan Motor Output	W	40	75			
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary				
		R.L.A.	12				
		L.R.A.	14	17.5			
	Airflow	CFM	1,200	1,940			
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	48				
	Sound Pressure Level at Heating *2	dB(A)	47	50			
	External Finish Color		Munsell No. 3Y 7.8 / 1.1				
	Dimensions	W: In.	31-1/2	37-3/8			
		D: In.	11-13/16 +7/8	13 + 1-3/16			
		H: In.	23-5/8	37-1/8			
	Weight	Lbs.	91	165			
	Refrigerant	Type		R410A			
		Charge	Lbs., oz.	3, 12	6, 10		
Oil		Type (fl. oz.)	FV50S (20)	FV50S (28)			
Refrigerant Pipe	Gas Side O.D.	In.	1/2	5/8			
	Liquid Side O.D.	In.	1/4	3/8			
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	100				
	Length (Max.)	Ft.	100	165			
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8.3° C), W.B. 15° F (-9° C).

*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

3 lbs 12 oz /
1.5 tons =
2.5 lbs/ton R_c