

EQc6.2 Narrative: Apache Elementary School Addition

There are no individual spaces.

Each multi-occupant space is provided with a programmable DDC thermostat. The thermostat controls a heating coil that provides heating to that specific space.

The thermostat for each multi-occupant space also helps to control cooling. There are two air handling units serving the building with evaporative cooling. The thermostats serving the air handling unit report room temperatures to the control system, and the average of these temperatures is used to control the evaporative cooling. This is consistent with Albuquerque Public School (APS) policy and has been used on countless APS projects to provide occupant comfort. Additionally, cooling is not required for extended periods of the year, as the school is unoccupied in the summer months.

An additional method of temperature control is available to the teachers in the classrooms during warmer periods - they are able to open operable windows and activate a relief fan in the room.