



SEQUENCE OF OPERATION

Upon Air handler (AHU) start request the entrance louvers shall open and the air handler fan shall start operation only after the louvers are fully open.

The by pass louvers in the unit shall divert air around the heat plates when the AHU is not operating, upon start up the exhaust air shall be directed through the heat plates until such time a duct temperature is detected. The AHU will then modulate the appropriate valve to heat or cool the air to provide set point temperature.

When outside air temperatures are in a range to provide free cooling to the building the bypass louvers shall direct the air flow around the heat transfer plates until such time that the duct set point temperature is met the AHU fan shall continue to operate providing air to the building but the AHU control valves shall go to the closed position unless heating or cooling is needed to meet set point.

When ever the AHU is turned off or is taken off line the intake louvers shall close until a start request or power is restored to the unit.

The System should come up automatically in the sequence when ever power is lost or turned off after re energizing.

All actuators are to be digital controlled and electrically powered

Drawings are to be used for reference only contractor responsible to check dimensions for proper installation.

Revision		Date																																																																		
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Office of Facilities

Department of Veterans Affairs