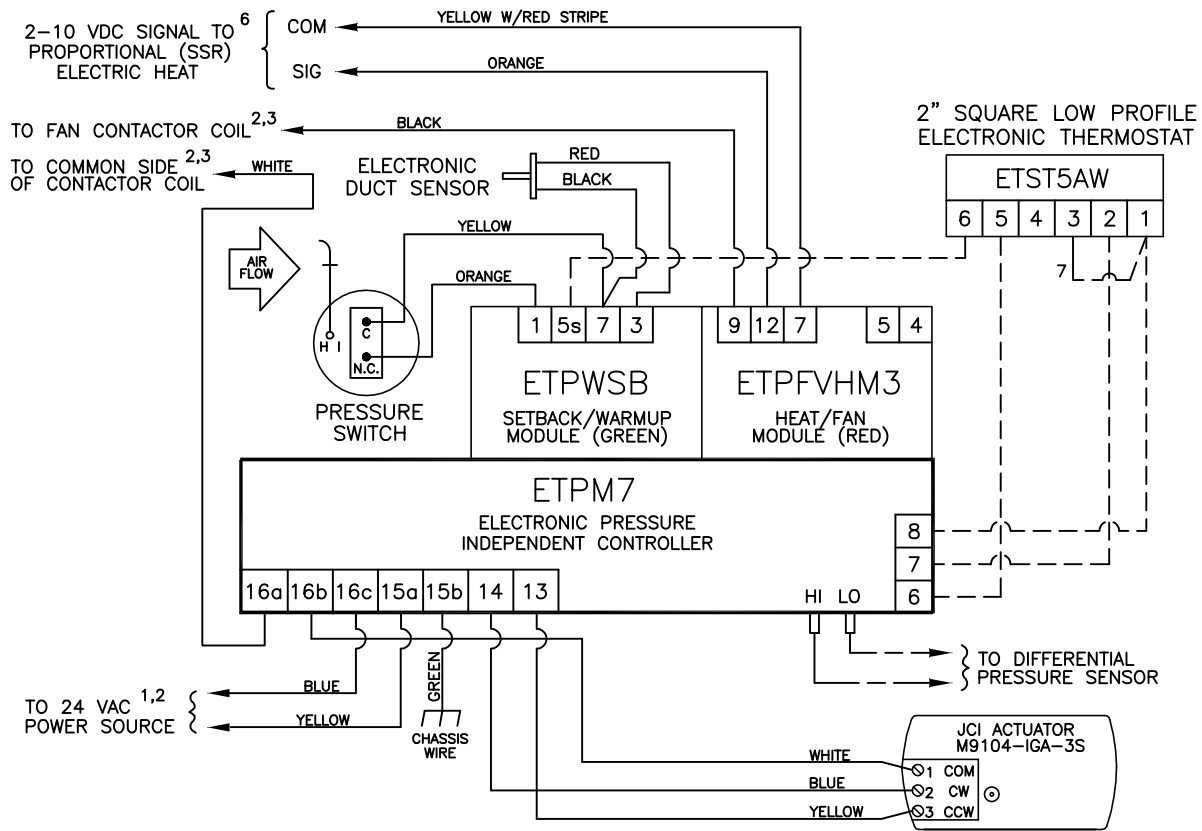
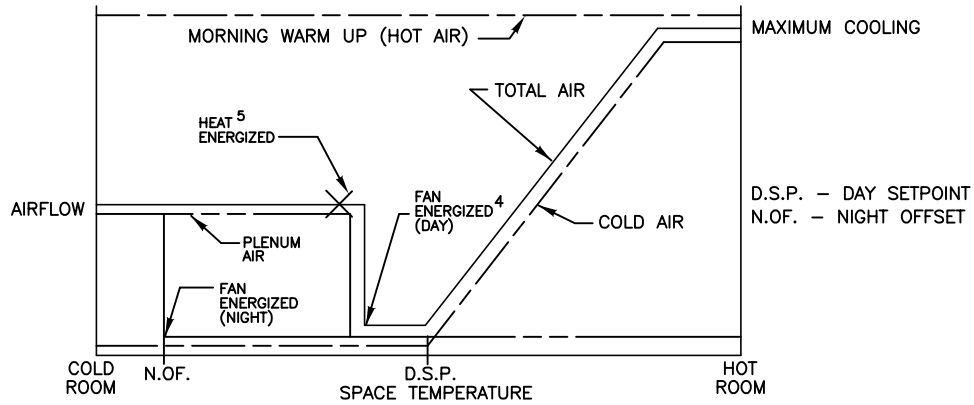


This application provides intermittent fan powered variable air volume control with proportional modulating electric (SSR) heat, night setback and morning warm up. As space temperature drops, primary airflow is reset from maximum to minimum setpoint. As space temperature continues to drop, the unit fan is energized thus supplying plenum air to the space. On a further drop in space temperature, heat is modulated to satisfy the load. When system air is failed, the unit automatically switches into the night setback mode. The primary air valve remains closed and the unit fan and heat are cycled to maintain the night offset. When warm air is sensed by an electronic duct sensor, the unit fan and heat are deenergized and the primary air valve opens to maximum airflow setpoint for morning warm up. Air volume limits are located at the thermostat.



CONTROLLER ASSY. MODEL: ETPX1FTBWDHP

- 1 MINIMUM 40 VA
- 2 TRANSFORMER AND FAN RELAY ARE LOCATED IN HEATER ENCLOSURE—REFER TO HEATER WIRING DIAGRAM
- 3 MAXIMUM 10 VA HOLDING COIL
- 4 ENERGIZED 1° F BELOW SETPOINT
- 5 ENERGIZED 2° F BELOW SETPOINT
FULL ON AT 5° F BELOW SETPOINT
- 6 OFF AT 2 VDC, FULL ON AT 10 VDC
- 7 WIRE TERMINAL 3 TO TERMINAL 1

--- FACTORY TUBING
 - - - FIELD WIRING
 _____ FACTORY WIRING

TITLE: FV7405		ENVIRO-TEC BY JOHNSON CONTROLS	
PRESSURE INDEPENDENT ELECTRONIC CONTROLS		DRN BY: WDD	DATE: 10/21/97
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