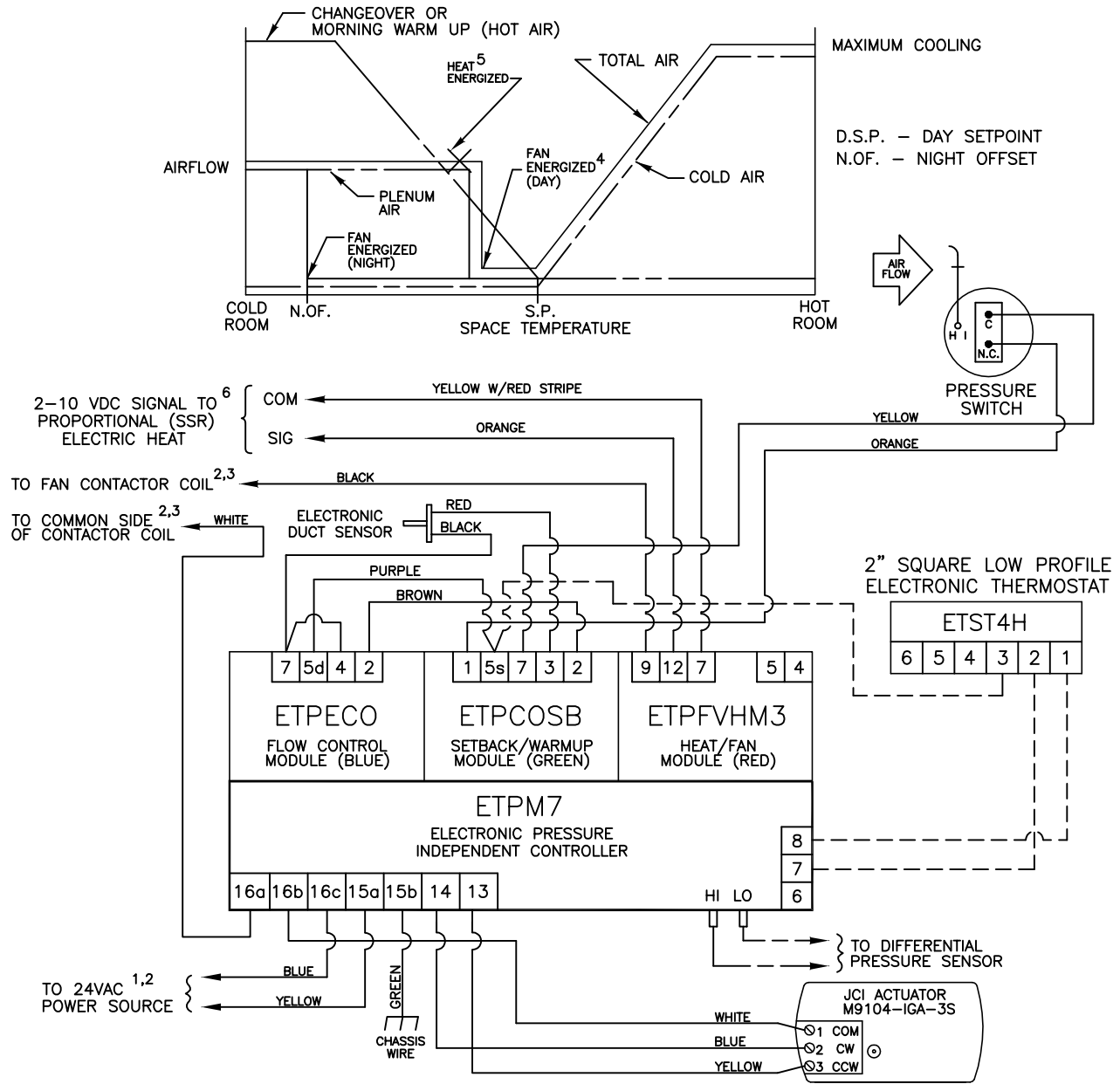


This application provides intermittent fan powered variable air volume control with proportional modulating electric (SSR) heat, night setback and summer/winter changeover and/or morning warm up. As space temperature drops, primary airflow is reset from maximum to minimum setpoint. As space temperature 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 reverses operation for morning warm up. Air volume limits are located on the ETPECO module.



CONTROLLER ASSY. MODEL: ETPX1FTBCDHP

- 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

- - - - - FACTORY TUBING
 - - - - - FIELD WIRING
 ———— FACTORY WIRING

ENVIRO-TEC BY JOHNSON CONTROLS	
FV7505 PRESSURE INDEPENDENT ELECTRONIC CONTROLS	DRN BY: AWW DATE: 10/21/97 SCALE: N/A DRAWING NO. CKD BY: WAE DATE: 04/09/08 REV: 09
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