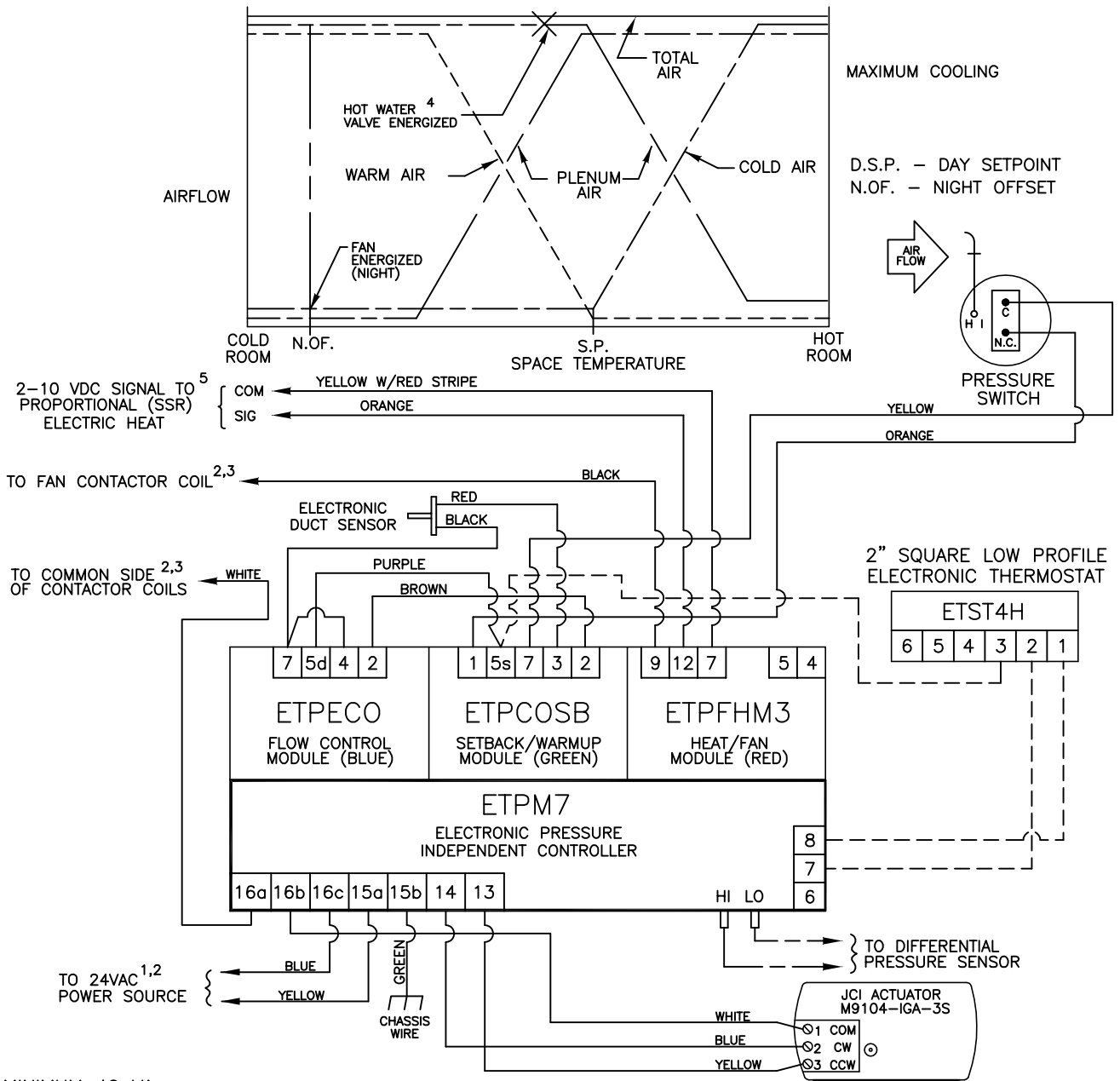


This application applies to Series Flow fan powered terminals providing floating modulating electric (SSR) heat, night setback and summer/winter changeover and/or morning warm up. The unit fan draws either cold primary air or warm plenum air to satisfy the load. If plenum air fails to maintain setpoint, 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. Warm air is sensed by the electronic duct sensor causing the primary air valve to reverse operation for changeover or morning warm up (heat is deenergized). Air volume limits are located on the ETPECO module.



1 MINIMUM 40 VA

2 TRANSFORMER AND FAN RELAY ARE LOCATED IN HEATER ENCLOSURE—REFER CONTROLLER ASSY. MODEL: ETPX1FBCDHP TO HEATER WIRING DIAGRAM

3 MAXIMUM 10 VA HOLDING COIL

4 ENERGIZED 2° F BELOW SETPOINT
FULL ON AT 5° F BELOW SETPOINT

5 OFF AT 2 VDC, FULL ON AT 10 VDC

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

TITLE: FC7505 PRESSURE INDEPENDENT ELECTRONIC CONTROLS		 BY JOHNSON CONTROLS	
DRN BY: AWW	DATE: 10/10/97	SCALE: N/A	DRAWING NO. 19526
OKD BY: WAE	DATE: 04/09/08	REV: 10	
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