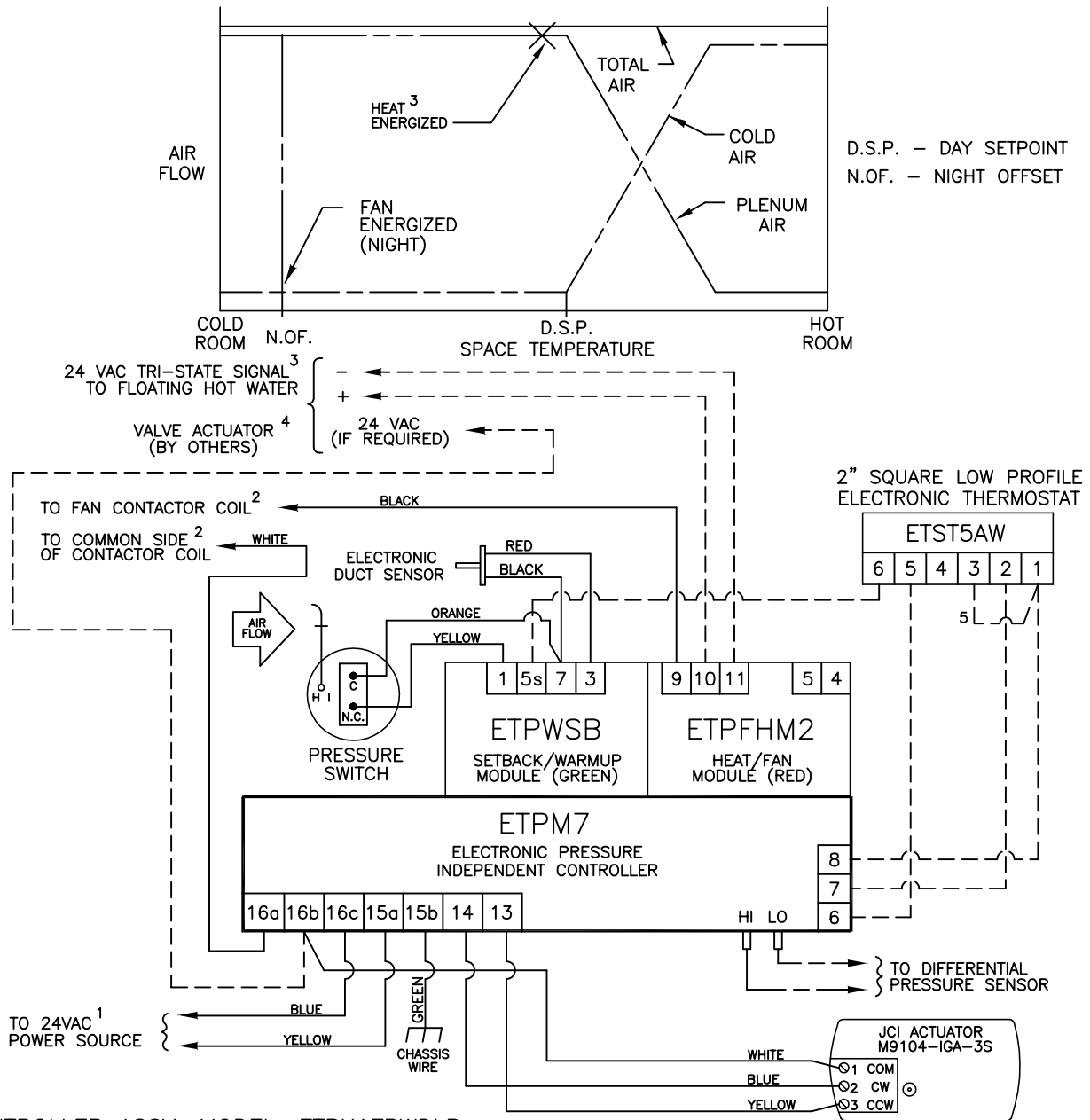


This application applies to Series Flow fan powered terminals providing floating modulating hot water heat, night setback and morning warm up. The unit fan draws either cold primary air or warm plenum air to satisfy the load. If plenum air fails to maintain setpoint, heat is modulated to satisfy the 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 by an electronic duct sensor causing the primary air valve open to maximum airflow setpoint for morning warm up (heat deenergized). Air volume limits are located at the thermostat.



CONTROLLER ASSY. MODEL: ETPX1FBWDLP

1 MINIMUM 40 VA. UP TO 20 VA AVAILABLE FOR HOT WATER ACTUATOR (BY OTHERS). REFER TO FAN WIRING DIAGRAM FOR TRANSFORMER AND RELAY WIRING, AND OTHER HIGH VOLTAGE WIRING.

2 MAXIMUM 15 VA HOLDING COIL

3 ENERGIZED 2' F BELOW SETPOINT

4 SUPPLIED, MOUNTED AND WIRED BY OTHERS

5 WIRE TERMINAL 3 TO TERMINAL 1 IN THE FIELD

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

TITLE:

FC7404

PRESSURE INDEPENDENT ELECTRONIC CONTROLS

ENVIRO-TEC
 BY JOHNSON CONTROLS

DRN BY: AWW	DATE: 10/13/97	SCALE: N/A	DRAWING NO.
OKD BY: WAE	DATE: 04/09/08	REV: 11	

19527

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