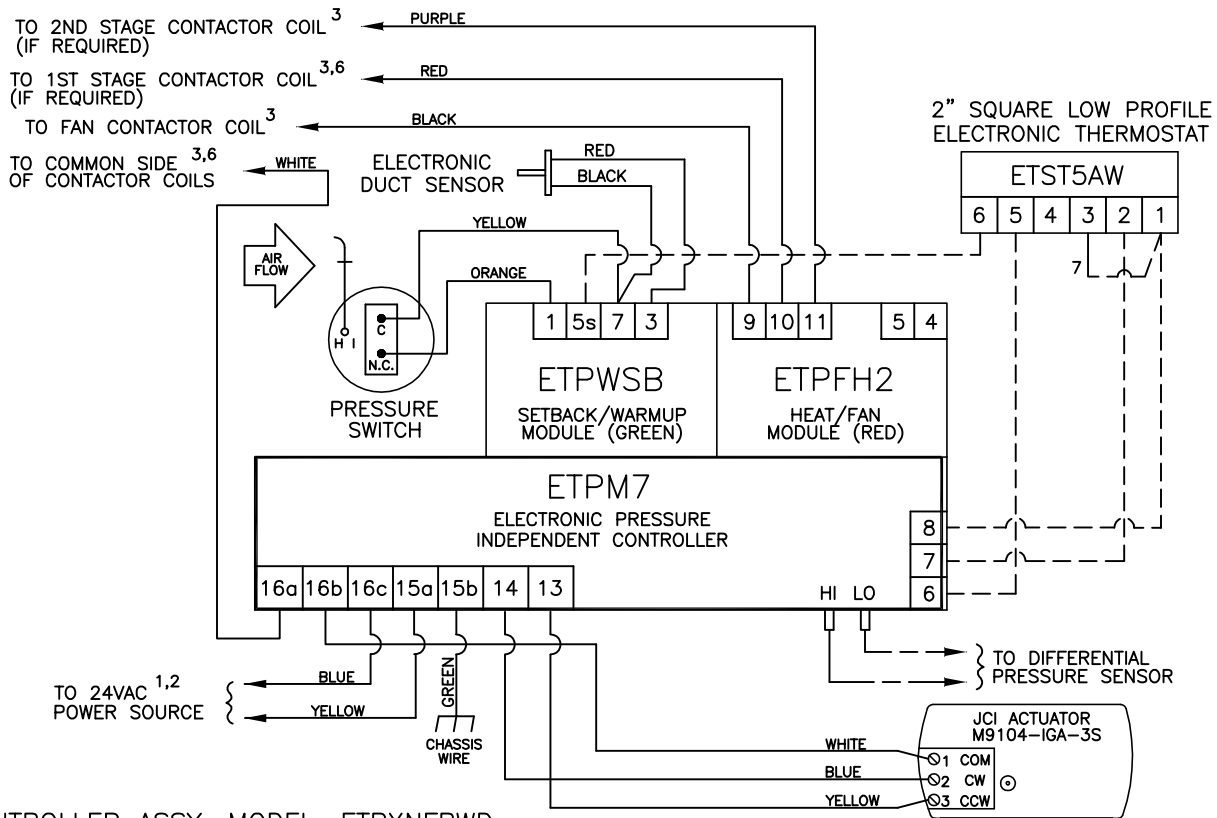
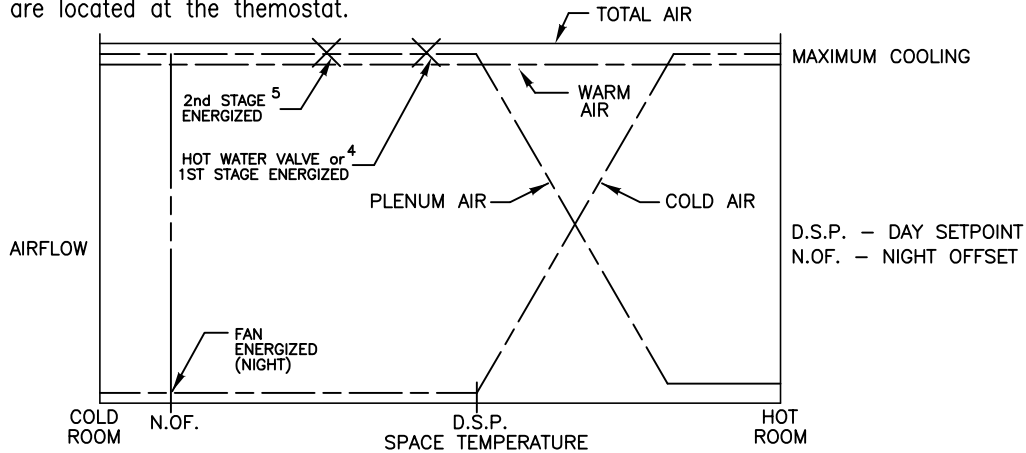


This application applies to Series Flow fan powered terminals providing up to two stages of electric or hot water heat, night setback and morning warm up. The unit fan draws either cold primary air or warm plenum air to satisfy the load. If plenum air fails to maintain setpoint, heat is energized in stages 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 open to the maximum airflow setpoint for morning warm up (heat is deenergized). Air volume limits are located at the thermostat.



CONTROLLER ASSY. MODEL: ETPXNFBWD

1 MINIMUM 40 VA

2 IF ELECTRIC HEAT IS PROVIDED, TRANSFORMER AND FAN RELAY ARE LOCATED IN HEATER ENCLOSURE—REFER TO HEATER WIRING DIAGRAM. OTHERWISE, REFER TO FAN WIRING DIAGRAM FOR TRANSFORMER AND RELAY WIRING, AND OTHER HIGH VOLTAGE WIRING.

3 MAXIMUM 10 VA HOLDING COIL

4 ENERGIZED 2° F BELOW SETPOINT

5 ENERGIZED 3° F BELOW SETPOINT

6 IF HOT WATER HEAT IS USED, FIELD WIRING IS REQUIRED.

7 WIRE TERMINAL 3 TO TERMINAL 1 IN THE FIELD

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

TITLE:

FC7401

PRESSURE INDEPENDENT ELECTRONIC CONTROLS

ENVIRO-TEC
 BY JOHNSON CONTROLS

DRN BY: AWW	DATE: 05/31/97	SCALE: N/A	DRAWING NO.
OKD BY: WAE	DATE: 04/09/08	REV: 08	

19364

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