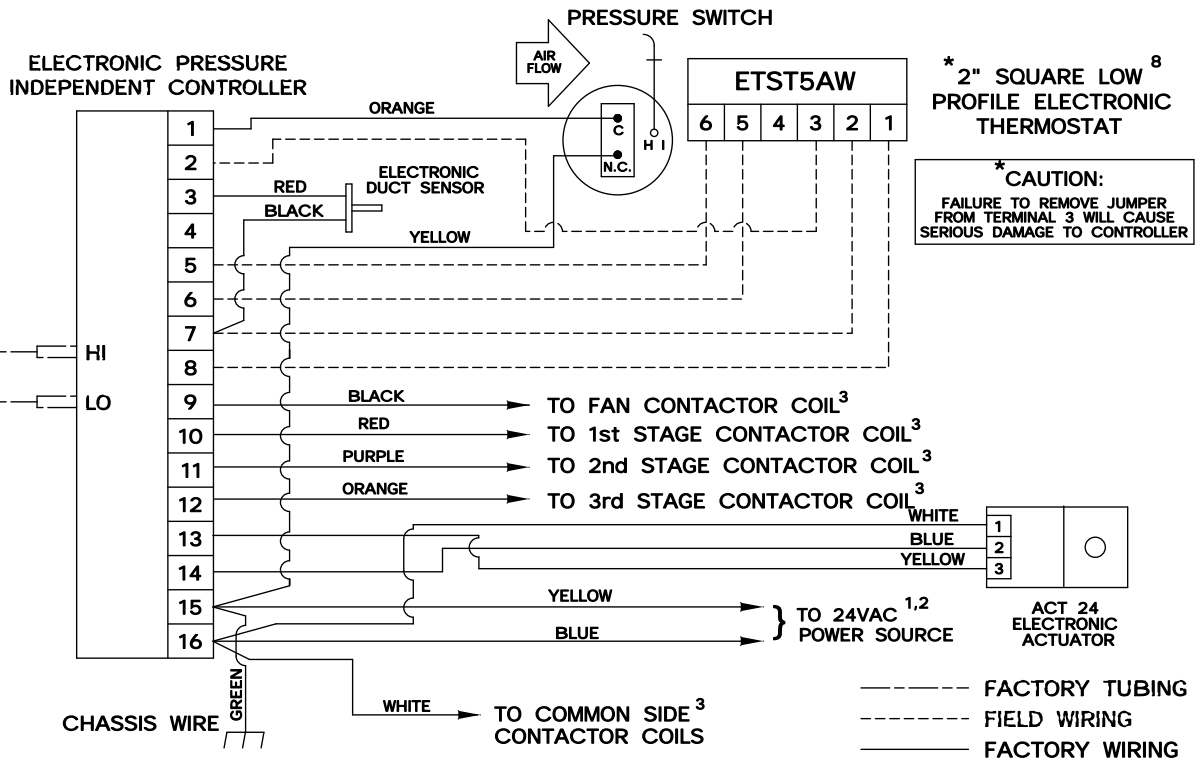
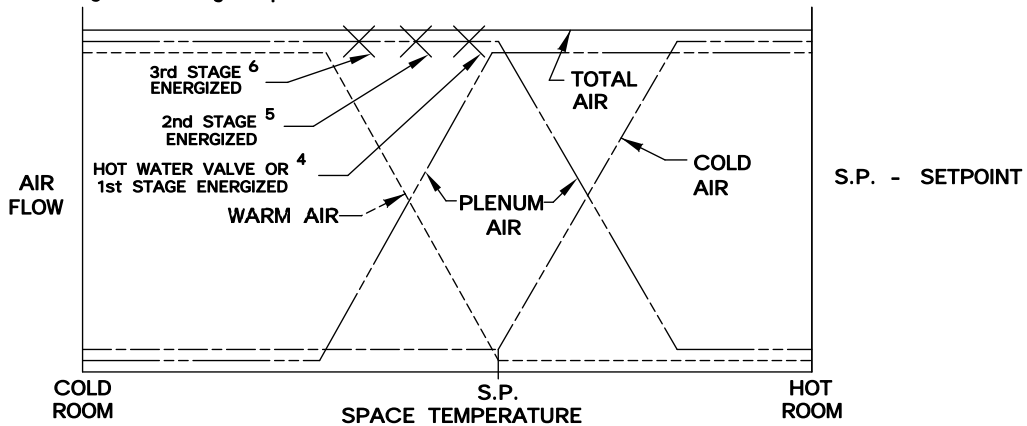


This series of control sequences applies to Series Flow fan powered terminals providing morning warm up/changeover and up to three stages of electric or hot water heat. The unit fan draws either cold primary air or warm plenum air to satisfy the load. If plenum air fails to maintain setpoint, heat is energized in stages to satisfy the load. Warm air is sensed by an electronic duct sensor, causing the primary air valve to reverse operation for morning warm up or summer/winter changeover. When system air is failed, the primary air valve closes and the unit fan and heat are deenergized for night operation. Air volume limits are located at the thermostat.



<sup>1</sup> MINIMUM 40 VA

<sup>2</sup> IF ELECTRIC HEAT IS PROVIDED, TRANSFORMER AND FAN RELAY ARE LOCATED IN HEATER ENCLOSURE- REFER TO HEATER WIRING DIAGRAM. IF HOT WATER HEAT IS PROVIDED, REFER TO FAN WIRING DIAGRAM FOR TRANSFORMER AND RELAY WIRING, AND OTHER HIGH VOLTAGE WIRING.

<sup>3</sup> MAXIMUM 10 VA HOLDING COIL

<sup>4</sup> ENERGIZED 2° F BELOW SETPOINT

<sup>5</sup> ENERGIZED 3° F BELOW SETPOINT

<sup>6</sup> ENERGIZED 4° F BELOW SETPOINT

<sup>7</sup> IF HOT WATER HEAT IS USED FIELD WIRING IS REQUIRED.

<sup>8</sup> REMOVE JUMPER ON TERMINAL 3 BEFORE INSTALLATION.

SEQ. NO.	CONTROLLER NO.	HEAT STAGES	NOTES
FC713SB	ETPR0FYWD	0	—
FC714SB	ETPR1FYWD	1	7
FC715SB	ETPR2FYWD	2	—
FC716SB	ETPR3FYWD	3	—



## FC713,FC714,FC715 & FC716 SB

PRESSURE INDEPENDENT

DRAWING NO:

ELECTRONIC CONTROLS

20837

DRAWN BY: WDD	DATE: 04/07/00	REV NO: 01	REV DATE: 06/16/00	APPROVED BY: W.E.
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