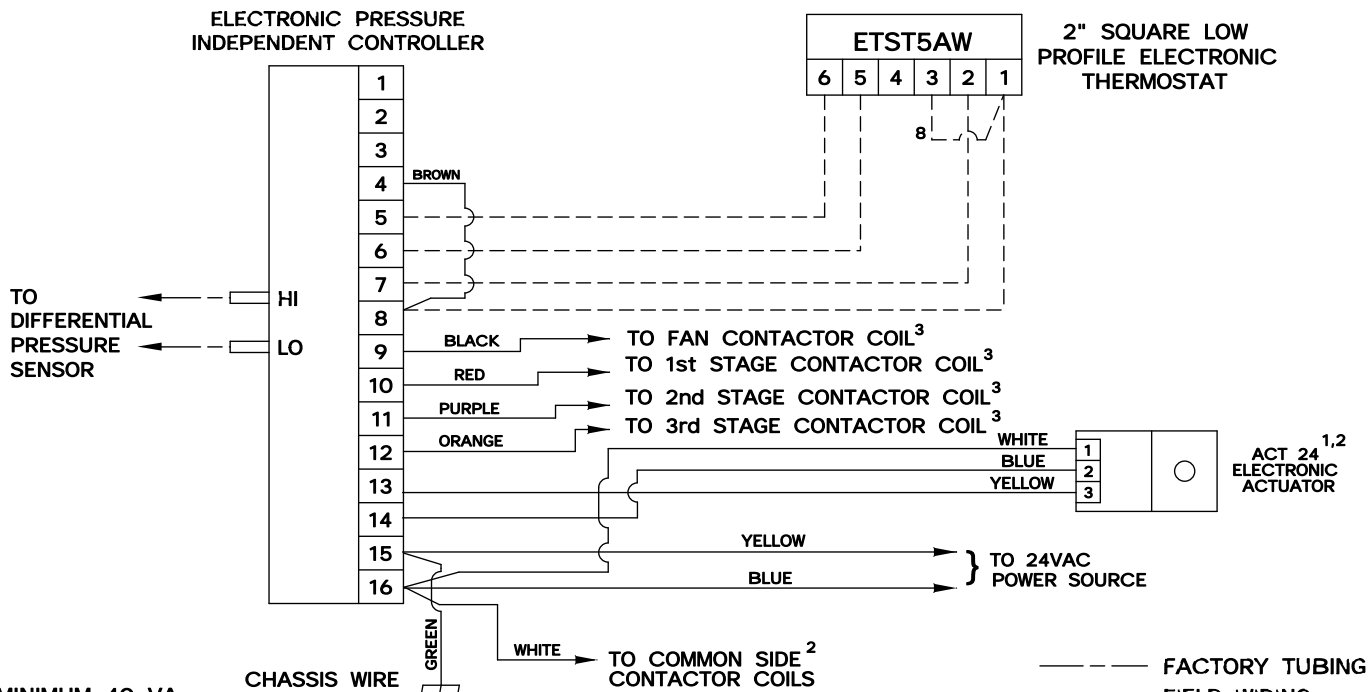
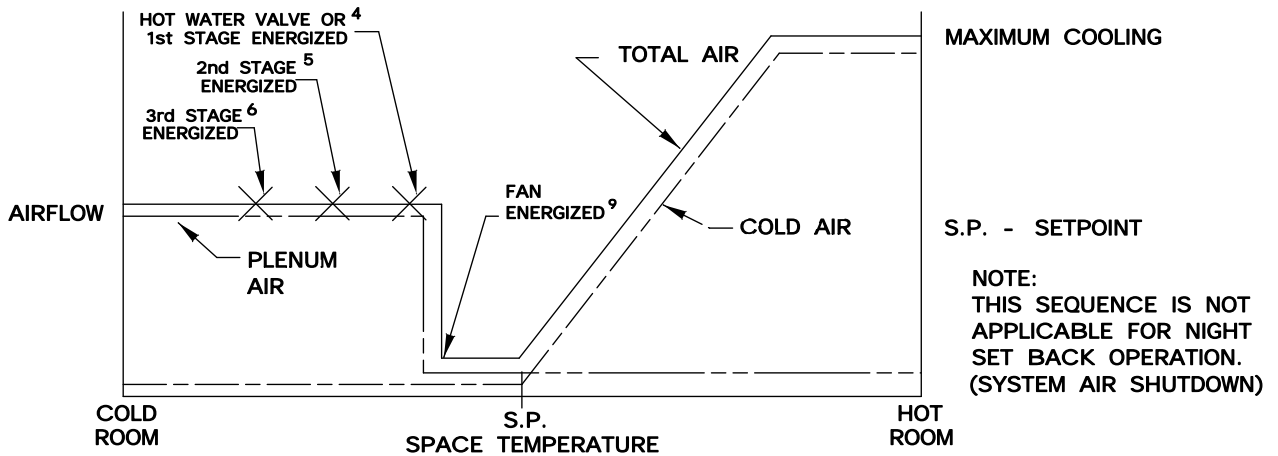


This series of control sequences provides intermittent fan powered variable air volume control with up to three stages of electric or hot water heat. As space temperature drops, primary airflow is reset from maximum to minimum setpoint. As space temperature continues to drop, the unit fan is energized thus supplying plenum air to the space. On a further drop in space temperature, heat is energized in stages to satisfy the load. Air volume limits are located at the thermostat.



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> WIRE TERMINAL 3 TO TERMINAL 1 IN THE FIELD

<sup>9</sup> ENERGIZED 1° F BELOW SETPOINT

SEQ. NO.	CONTROLLER NO.	HEAT STAGES	NOTES
FV701SB	ETPR0FT	0	
FV702SB	ETPR1FT	1	7
FV703SB	ETPR2FT	2	—
FV704SB	ETPR3FT	3	—



**ENVIRO-TEC®**  
ENGINEERING FOR EXCELLENCE

**FV701, FV702, FV703 & FV704 SB**

PRESSURE INDEPENDENT

ELECTRONIC CONTROLS

DRAWING NO:

**20839**

DRAWN BY: WDD

DATE: 04/06/00

REV NO: 00

REV DATE:

APPROVED BY: W.E.