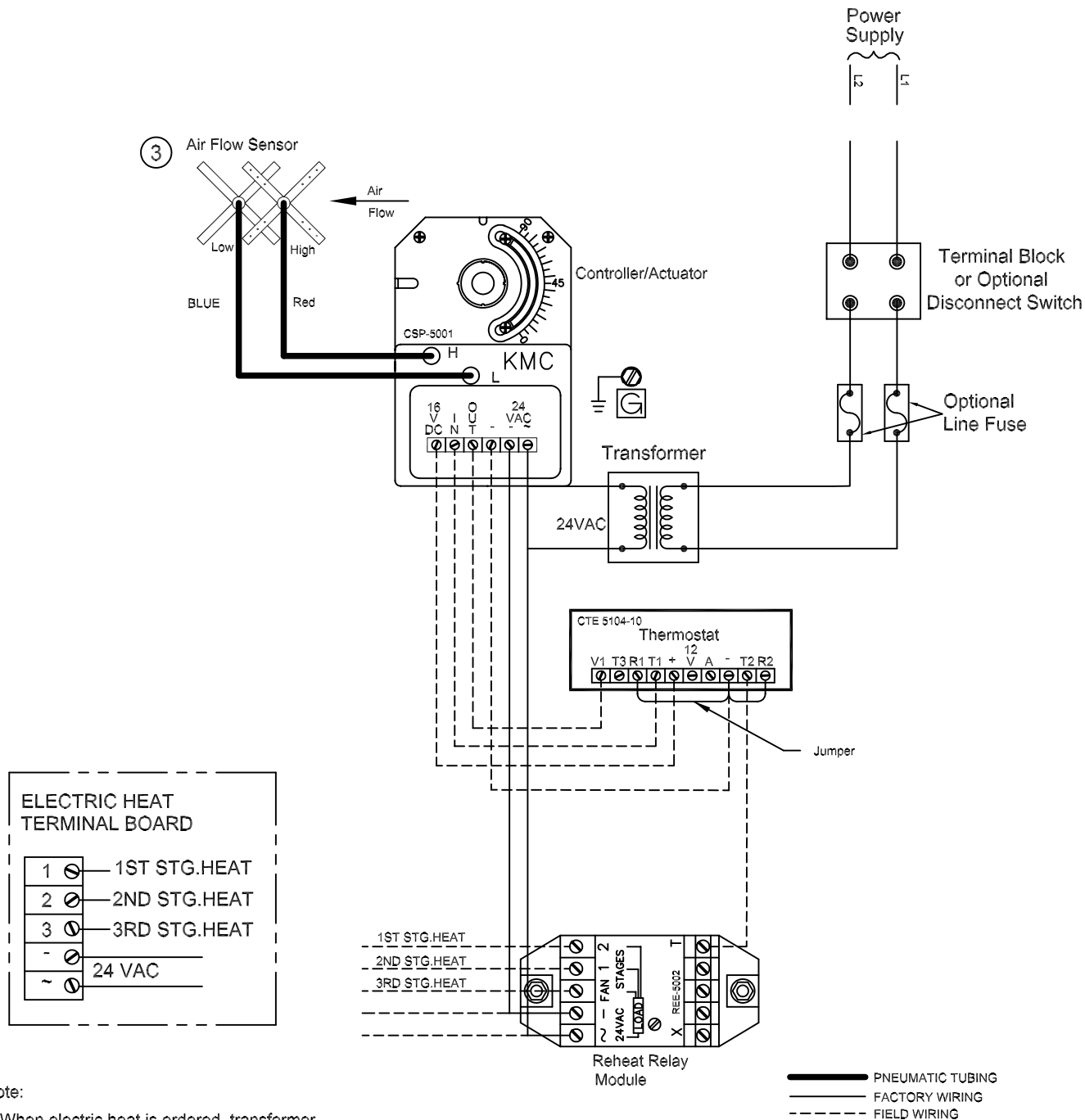




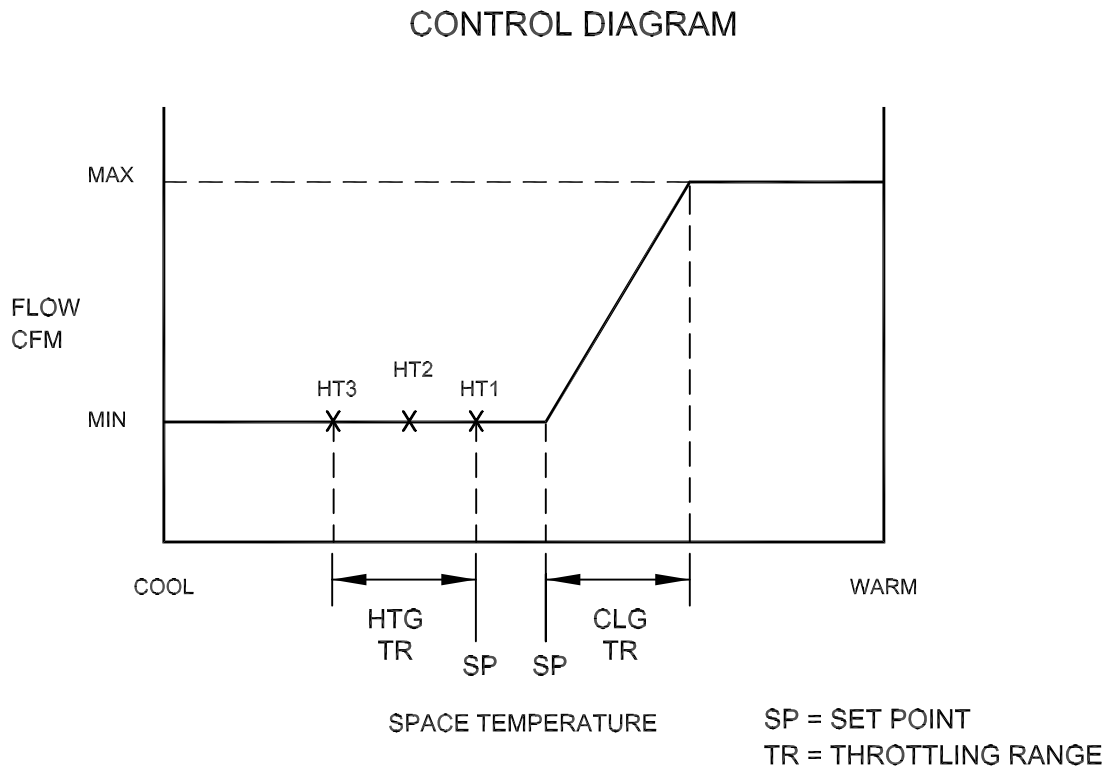
Note:

When electric heat is ordered, transformer and control relays for three stages (max) are furnished as components of the electric heater

Job: _____
Location: _____
Architect: _____
Engineer: _____
Contractor: _____

Tag: _____
Submitted by: _____
CD-2202 10/09/2006

SDV SINGLE DUCT VAV
ANALOG ELECTRONIC CONTROLS
Cooling With Electric Reheat



SEQUENCE OF OPERATION

1.) COOLING

Air flow is at minimum or shut off when room temperature is below setpoint. On a rise in room temperature the air flow increases to maximum, within the throttling range.

2.) COOLING WITH REHEAT

Airflow is at minimum and the first stage (HT1) of electric heat is energized when room temperature is below setpoint. With a further decrease in room temperature the second (HT2) and third stage (HT3) of electric heat is energized. As room temperature increases reheat is sequenced off and air flow increases to maximum. The reverse will occur with a drop in room temperature.

The first (HT1), second (HT2) and third (HT3) stages are fixed at -2° F, -4° F and -6° F below set point, respectively.

3.) With a loss of power to the controller, the damper will fail in place.

Job: _____ Location: _____ Architect: _____ Engineer: _____ Contractor: _____	Tag: _____ Submitted by: _____ _____ CD-2202 (Page 2) 10/10/2006	SDV SINGLE DUCT VAV ANALOG ELECTRONIC CONTROLS Cooling With Electric Reheat
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