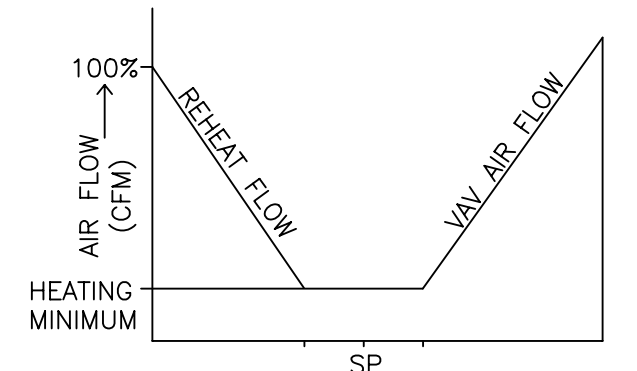


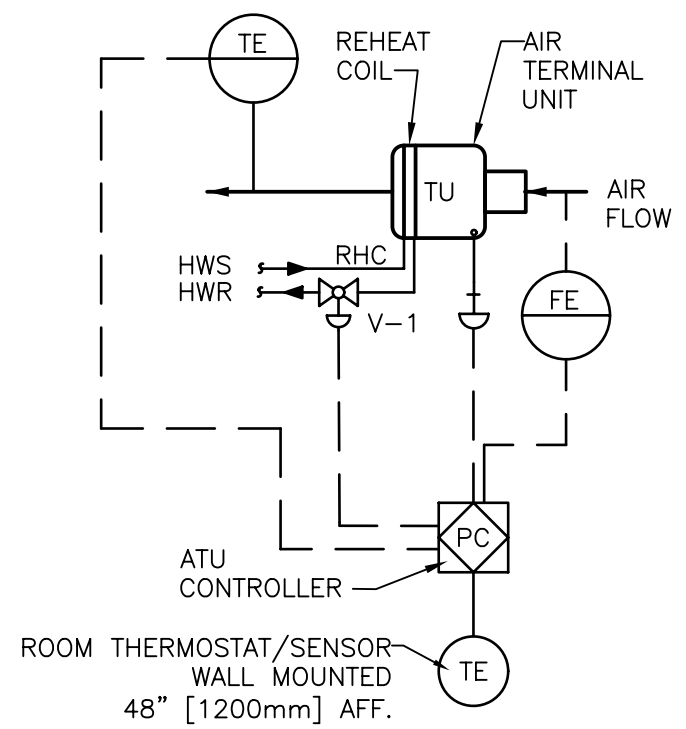
VAV BOX CONTROL SEQUENCE  
NO DEADBAND

- A. UPON FALL IN SPACE TEMPERATURE THE VAV DAMPER WILL MODULATE TO MINIMUM POSITION.
- B. UPON FURTHER DROP IN SPACE TEMPERATURE VALVE V-1 WILL MODULATE TO MAINTAIN SET POINT  $\pm .5^\circ$  F. THE ADJUSTABLE TOLERANCE OF  $\pm .5^\circ$  F HAS BEEN SELECTED TO PREVENT VALVE HUNTING
- C. THE REVERSE SHALL OCCUR ON THE RISE IN SPACE TEMPERATURE.

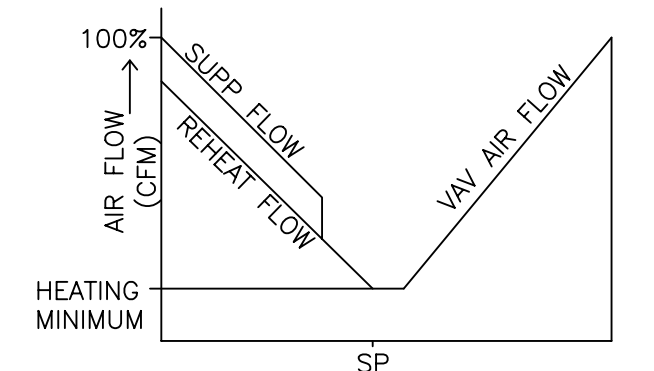


VAV BOX CONTROL SEQUENCE  
W/DEADBAND

- A. SET POINTS SHALL BE SET AS FOLLOWS:  
COOLING  $75^\circ$ F (ADJ)  
HEATING  $70^\circ$ F(ADJ)  
DEADBAND OF  $5^\circ$  F BETWEEN HEATING AND COOLING SET POINTS WILL BE MAINTAINED.
- B. UPON FALL IN SPACE TEMPERATURE THE VAV DAMPER WILL MODULATE TO MINIMUM POSITION.
- C. UPON FURTHER DROP IN SPACE TEMPERATURE VALVE V-1 WILL MODULATE TO MAINTAIN SET POINT  $\pm .5^\circ$  F. THE ADJUSTABLE TOLERANCE OF  $\pm .5^\circ$  F HAS BEEN SELECTED TO PREVENT VALVE HUNTING
- D. THE REVERSE SHALL OCCUR ON THE RISE IN SPACE TEMPERATURE.

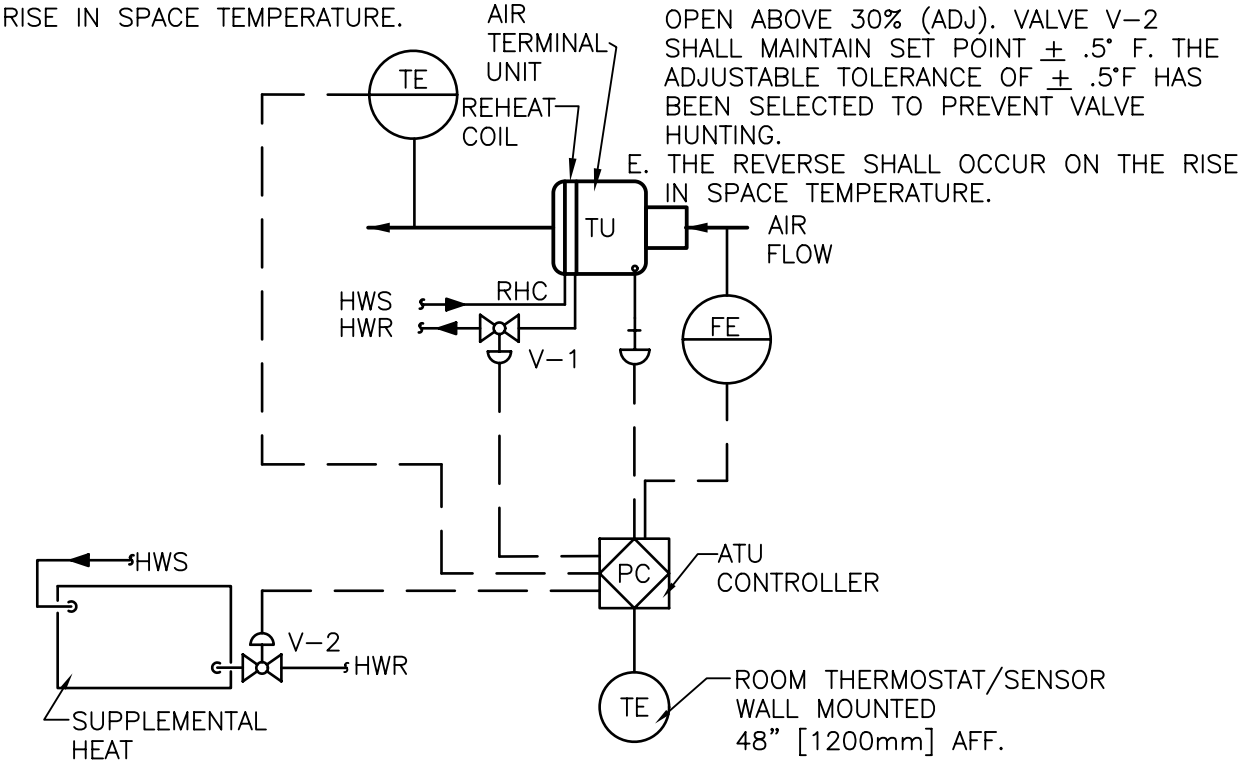


NO SUPPLEMENTAL HEATING



VAV BOX CONTROL SEQUENCE  
NO DEADBAND

- A. UPON FALL IN SPACE TEMPERATURE THE VAV DAMPER WILL MODULATE TO MINIMUM POSITION.
- B. UPON FURTHER DROP IN SPACE TEMPERATURE VALVE V-1 WILL MODULATE TO MAINTAIN SET POINT  $\pm .5^\circ$  F. THE ADJUSTABLE TOLERANCE OF  $\pm .5^\circ$  F HAS BEEN SELECTED TO PREVENT VALVE HUNTING
- C. VALVE V-2 SHALL BE ENABLED WHEN OUTSIDE AIR FALLS BELOW  $40^\circ$  F (ADJ) AND VALVE V-1 HAS BEEN MODULATED OPEN ABOVE 30% (ADJ). VALVE V-2 SHALL MAINTAIN SET POINT  $\pm .5^\circ$  F. THE ADJUSTABLE TOLERANCE OF  $\pm .5^\circ$ F HAS BEEN SELECTED TO PREVENT VALVE HUNTING. THE REVERSE SHALL OCCUR ON A RISE IN SPACE TEMPERATURE.



WITH SUPPLEMENTAL HEATING

# VARIABLE VOLUME AIR TERMINAL UNIT CONTROL DIAGRAM  
NTS