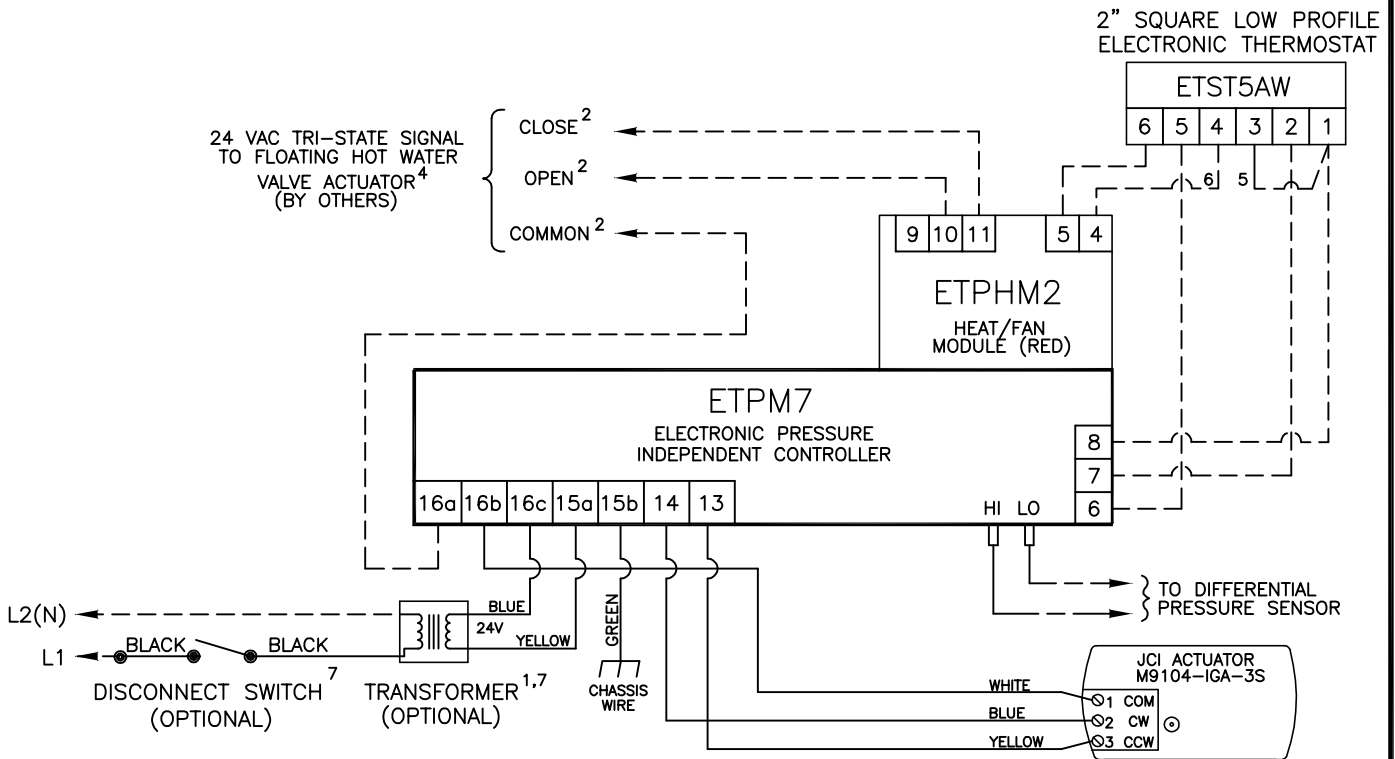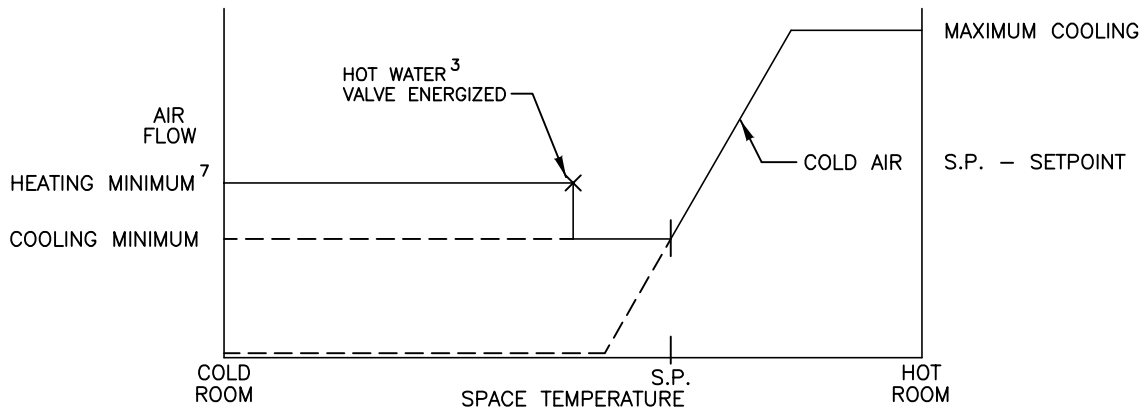This application provides single duct variable air volume cooling with floating modulating hot water reheat and dual minimum setpoints. As space temperature drops, airflow is reset from maximum to minimum setpoint. As space temperature continues to drop, airflow is reset to a higher setpoint and reheat is modulated to satisfy the load. Air volume limits are located at the thermostat.



[1] MINIMUM 40 VA
UP TO 30 VA AVAILABLE FOR HOT
WATER VALVE ACTUATOR (BY OTHERS)

[2] MAXIMUM 15 VA HOLDING COIL

[3] ENERGIZED 2° F BELOW SETPOINT

[4] SUPPLIED, MOUNTED AND WIRED
BY OTHERS

[5] WIRE TERMINAL 3 TO TERMINAL 1
IN THE FIELD

[6] IF DUAL MINIMUMS ARE NOT DESIRED,
WIRE FROM TERMINAL 4 OF ETST5AW TO
TERMINAL 4 OF ETPHM2 IS NOT REQUIRED

[7] SEE ORDER ACKNOWLEDGEMENT FOR
OPTIONAL ITEM REQUIREMENTS

———— FACTORY TUBING
– – – – FIELD WIRING
———— FACTORY WIRING

| TITLE: | | |
|---|---|---|
| **SD7004** | | |
| PRESSURE INDEPENDENT ELECTRONIC CONTROLS | ENVIRO-TEC® BY JOHNSON CONTROLS | |

| DRN BY: AWW | DATE: 06/30/97 | SCALE: N/A | DRAWING NO. |
|---|---|---|---|
| CKD BY: WAE | DATE: 04/09/08 | REV: 10 | 19406 |