

ANEMOSTAT[®]

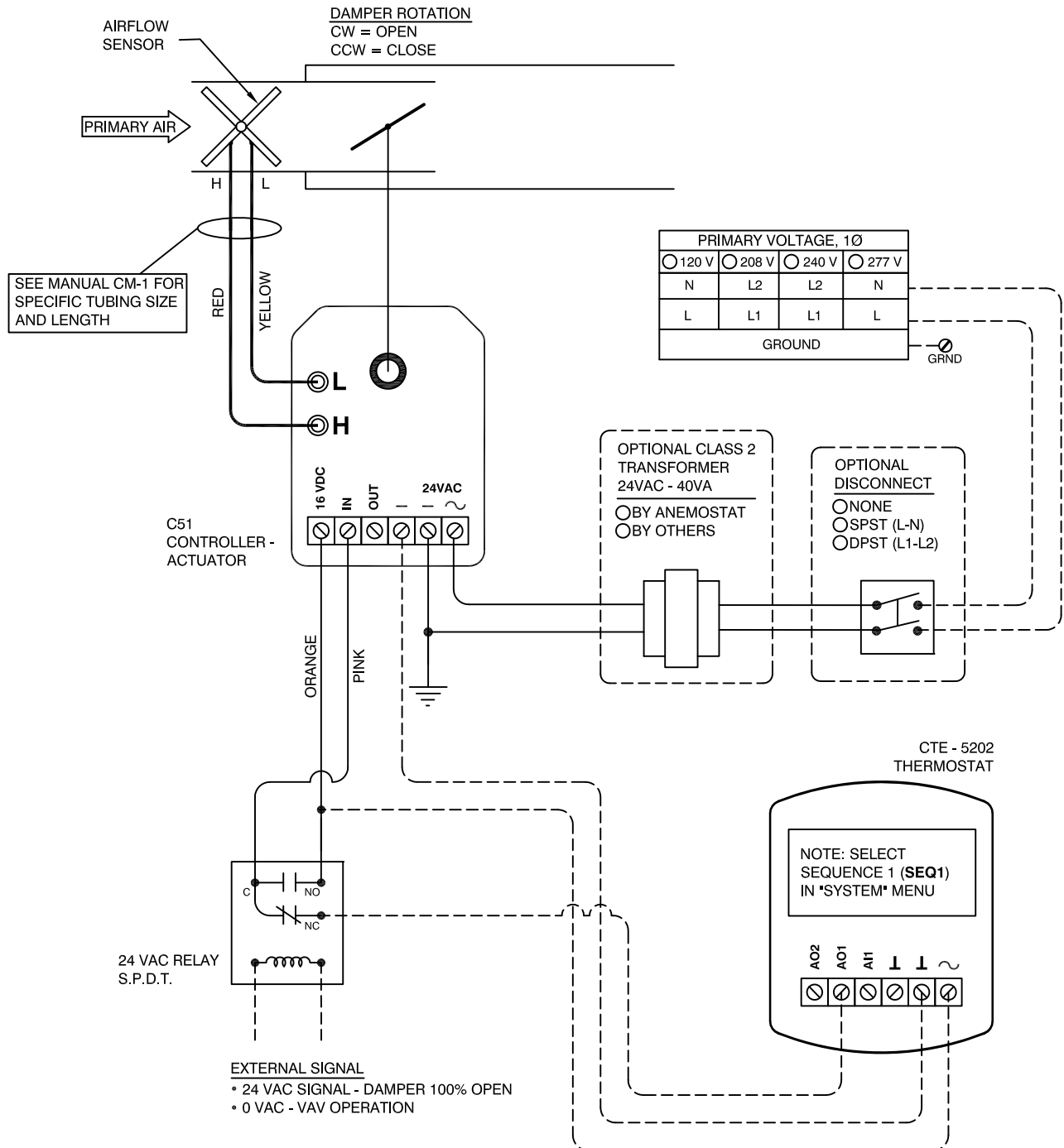
AIR TERMINAL CONTROLS

Control Package

SD - A - 5220

- SINGLE DUCT
- PRESSURE INDEPENDENT
- VAV COOLING

- ANALOG ELECTRONIC CONTROLS
- MORNING WARMUP - DAMPER 100% OPEN
- AIR FLOW SETPOINTS ADJUSTED AT THERMOSTAT



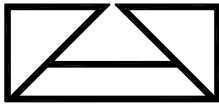
PRIMARY VOLTAGE, 1Ø

○ 120 V	○ 208 V	○ 240 V	○ 277 V
N	L2	L2	N
L	L1	L1	L
GROUND			

———— FACTORY WIRING
 - - - - - FIELD WIRING
 ———— FACTORY PIPING

REFER TO ANEMOSTAT "CONTROLS MANUAL" (CM-1) FOR ADJUSTMENT & TROUBLESHOOTING PROCEDURES.

JOB NAME:	DWG #:
SUBMITTED BY:	REV: A
DATE:	DATE: 3-2-2017

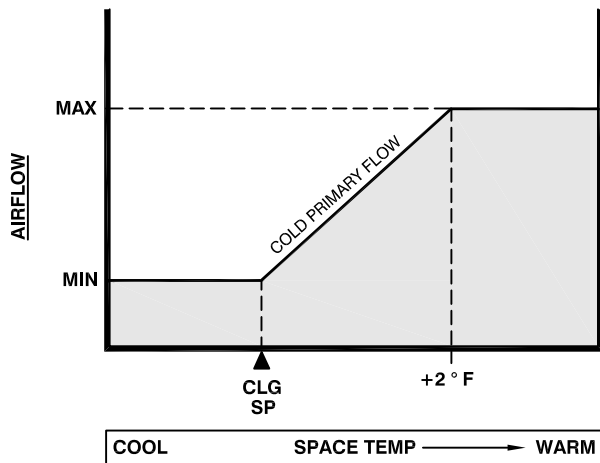


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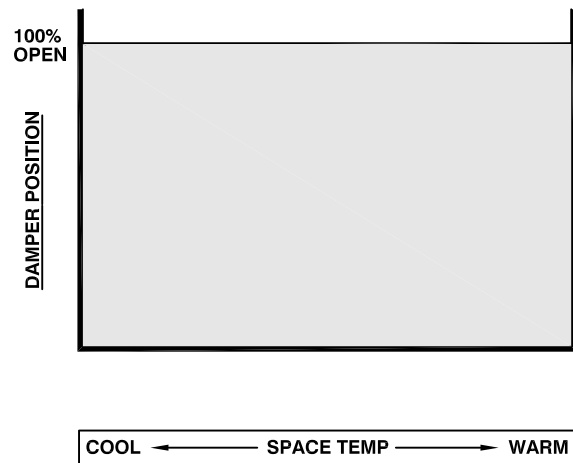
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COOLING MODE



MORNING WARMUP



SEQUENCE OF OPERATION

1. IN VAV COOLING MODE (EXTERNAL SIGNAL = 0 VOLTS), THE THERMOSTAT SIGNALS THE CONTROLLER IN RESPONSE TO THE SPACE TEMPERATURE.
2. WITH SPACE TEMPERATURE BELOW THE THERMOSTAT SETPOINT, THE DAMPER MAINTAINS MINIMUM AIRFLOW.
3. AS THE SPACE TEMPERATURE INCREASES FROM SETPOINT TO +2° F ABOVE SETPOINT, THE DAMPER OPENS FROM MINIMUM AIRFLOW TO MAXIMUM AIRFLOW.
4. ABOVE (SETPOINT + 2° F), THE DAMPER MAINTAINS MAXIMUM FLOW.
5. IN MORNING WARM-UP MODE (EXTERNAL SIGNAL = 24 VAC), THE DAMPER IS DRIVEN TO 100% OPEN POSITION. FLOW IS NOT CONTROLLED, AND WILL VARY BASED ON AVAILABLE DUCT PRESSURE (PRESSURE DEPENDENT).
5. THE MINIMUM AND MAXIMUM VAV AIRFLOW SETPOINTS ARE ADJUSTED AT THE THERMOSTAT.
6. UPON LOSS OF POWER, DAMPER FAILS IN PLACE.

JOB NAME:
SUBMITTED BY:
DATE:

DWG #: SD-A-5220.2
REV: -
DATE: 8-7-06