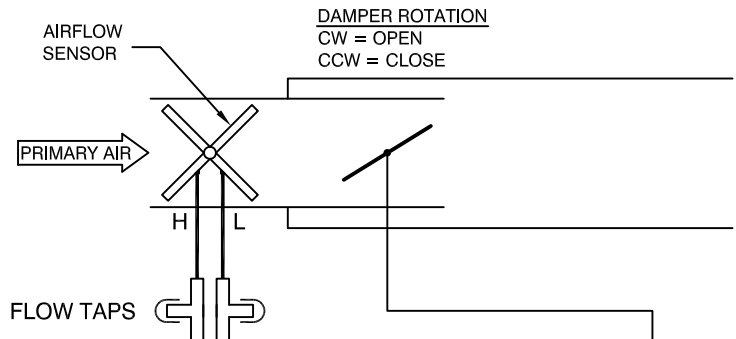


# ANEMOSTAT<sup>®</sup>

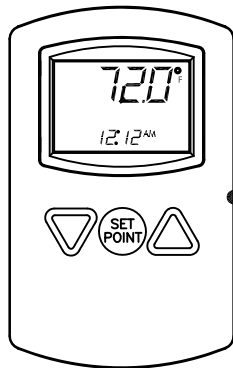
SINGLE DUCT AIR TERMINAL

## Control Package SD - D - 8000A

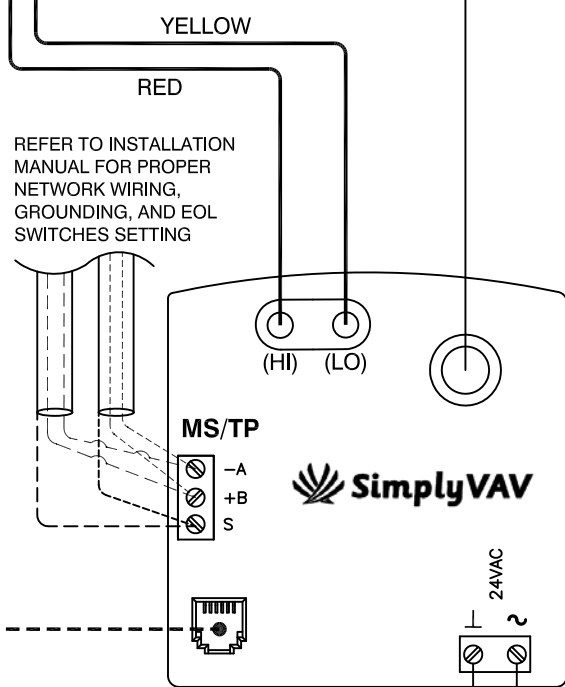
- BACNET DIGITAL CONTROLS
- VAV COOLING ONLY
- PRESSURE INDEPENDENT
- DIGITAL SENSOR STE-8001W80



**STE-8001W80**  
DIGITAL SENSOR  
REFER TO SENSOR MANUAL  
FOR SETUP & CONFIGURATION



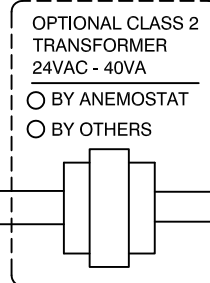
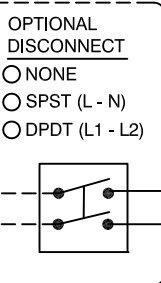
CAT5e Ethernet Cable  
(w/ RJ45 Connector)  
75 FT MAX



**BAC-8001**  
BACNET  
CONTROLLER-ACTUATOR

PRIMARY VOLTAGE, 1Ø			
<input type="radio"/> 120 V	<input type="radio"/> 208 V	<input type="radio"/> 240 V	<input type="radio"/> 277 V
N	L2	L2	N
L	L1	L1	L
GROUND			

GRND

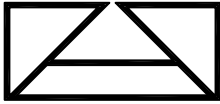


————— FACTORY WIRING  
- - - - - FIELD WIRING  
————— FACTORY PIPING

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

JOB NAME:  
SUBMITTED BY:  
DATE:

DWG #: SD-D-8000A.1  
REV: D  
DATE: 02-27-17

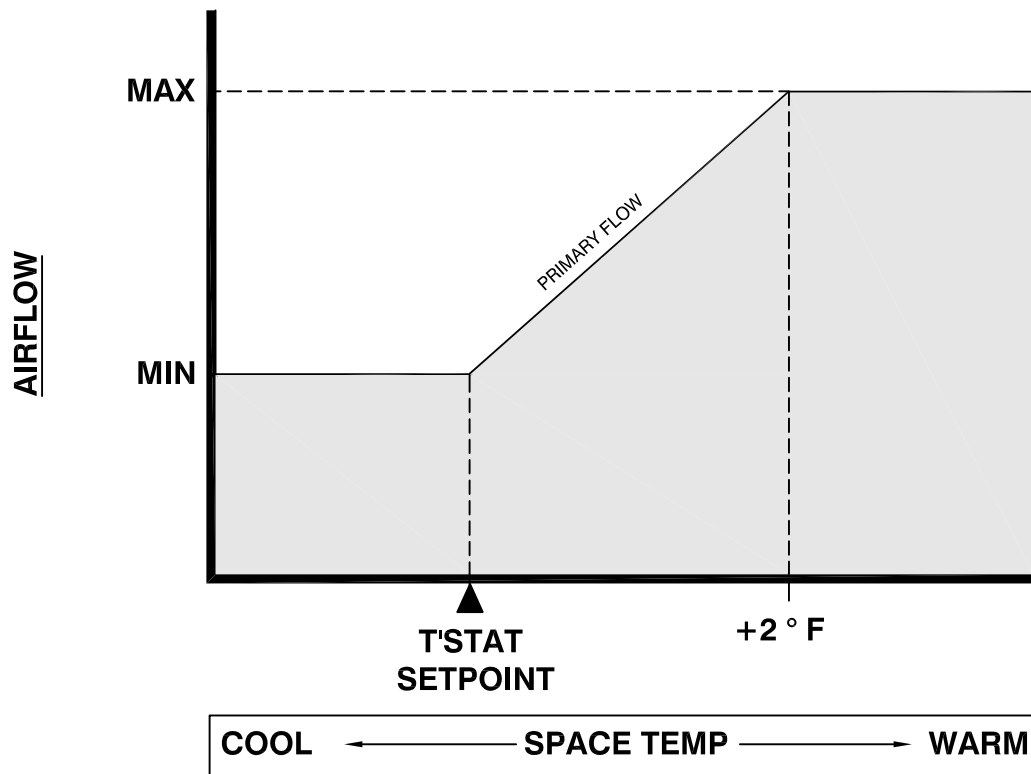


**ANEMOSTAT**<sup>®</sup>  
SINGLE DUCT AIR TERMINAL

Control Package  
**SD - D - 8000A**

- BACNET DIGITAL CONTROLS
- VAV COOLING ONLY
- PRESSURE INDEPENDENT
- DIGITAL SENSOR STE-8001W80

## Flow - Control Diagram



### SEQUENCE OF OPERATION

1. 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. UPON LOSS OF POWER, DAMPER FAILS IN PLACE.

JOB NAME:  
SUBMITTED BY:  
DATE:

DWG #: SD-D-8000A.2  
REV: D  
DATE: 03-09-17