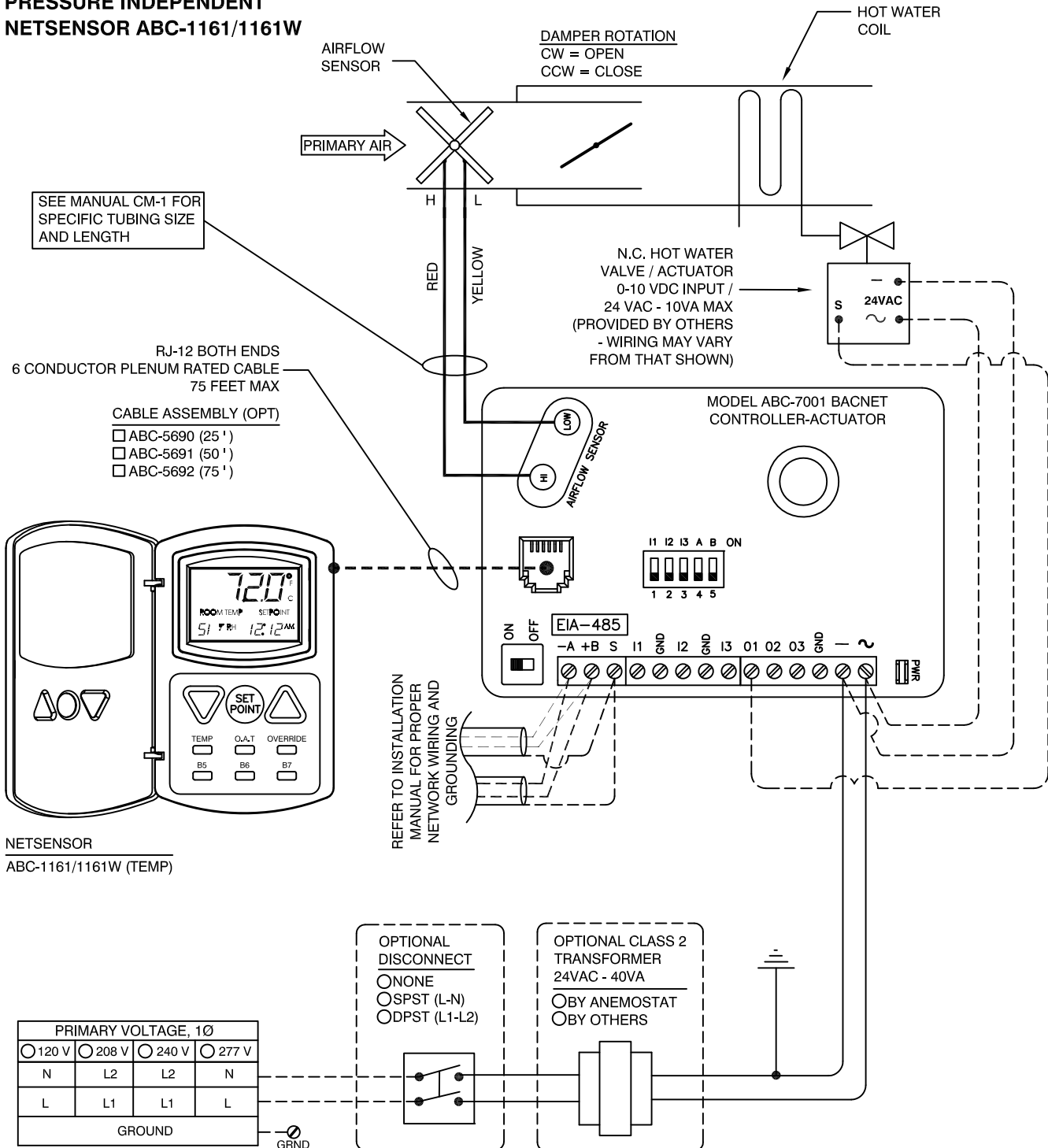


ANEMOSTAT[®]

AIR TERMINAL CONTROLS

Control Package SD - D - 7001A

- SINGLE DUCT
- BACNET DIGITAL CONTROLS
- VAV COOLING WITH PROPORTIONAL HOT WATER REHEAT
- PRESSURE INDEPENDENT
- NETSENSOR ABC-1161/1161W



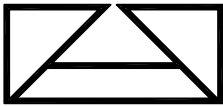
| PRIMARY VOLTAGE, 1Ø | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <input type="radio"/> 120 V | <input type="radio"/> 208 V | <input type="radio"/> 240 V | <input type="radio"/> 277 V |
| N | L2 | L2 | N |
| L | L1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

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

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

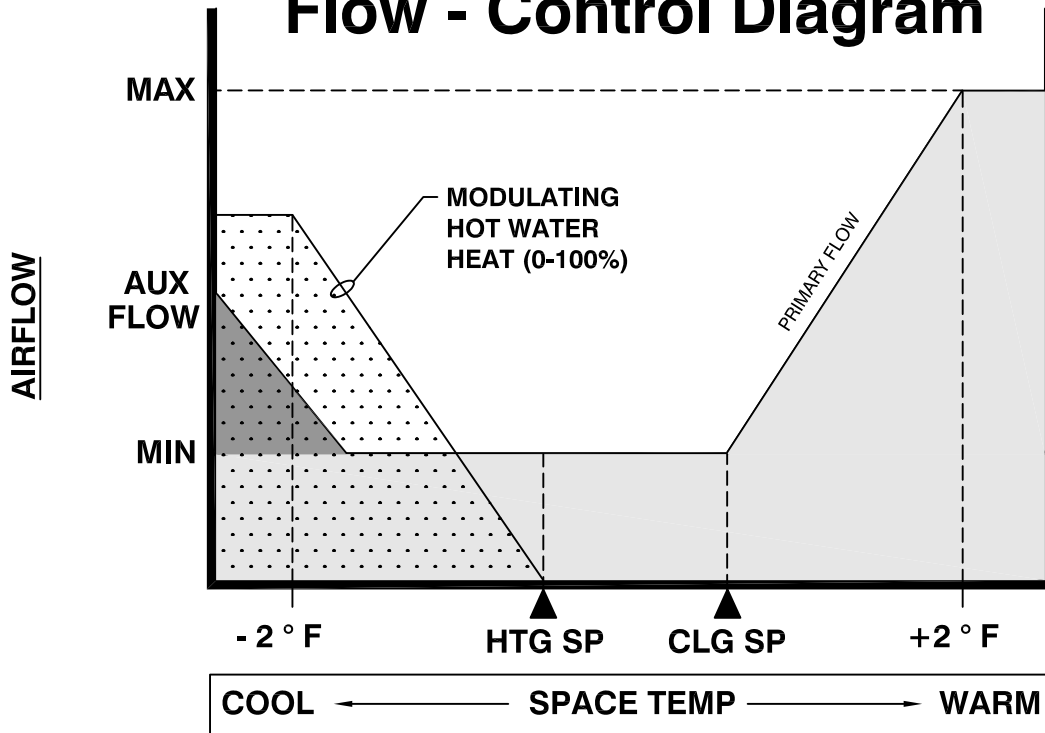
JOB NAME:
SUBMITTED BY:
DATE:

DWG #: SD-D-7001A.1
REV: C
DATE: 2-22-13



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Flow - Control Diagram



SEQUENCE OF OPERATION

1. THE THERMOSTAT SIGNALS THE CONTROLLER IN RESPONSE TO THE SPACE TEMPERATURE.
2. AS THE SPACE TEMPERATURE INCREASES FROM THE COOLING SETPOINT TO +2° F ABOVE THE COOLING SETPOINT, THE DAMPER OPENS FROM MINIMUM AIRFLOW TO MAXIMUM AIRFLOW. ABOVE (CLG SP + 2° F), THE DAMPER MAINTAINS MAXIMUM FLOW.
3. MINIMUM AIRFLOW IS MAINTAINED WHEN THE SPACE TEMPERATURE IS BETWEEN THE HEATING AND COOLING SETPOINTS.
4. MODULATING HOT WATER HEAT IS ADDED TO THE SPACE (0-100%) AS THE SPACE TEMPERATURE DROPS FROM THE HEATING SETPOINT DOWN TO (HTG SP - 2° F).
5. AN AUXILIARY AIRFLOW FEATURE CAN BE PROGRAMMED TO INCREASE AIRFLOW ACROSS THE COIL SHOULD THE SPACE TEMPERATURE CONTINUE TO DECREASE.
6. UPON LOSS OF POWER, DAMPER FAILS IN PLACE.

JOB NAME:
SUBMITTED BY:
DATE:

DWG #: SD-D-7001A.1
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DATE: 2-22-13