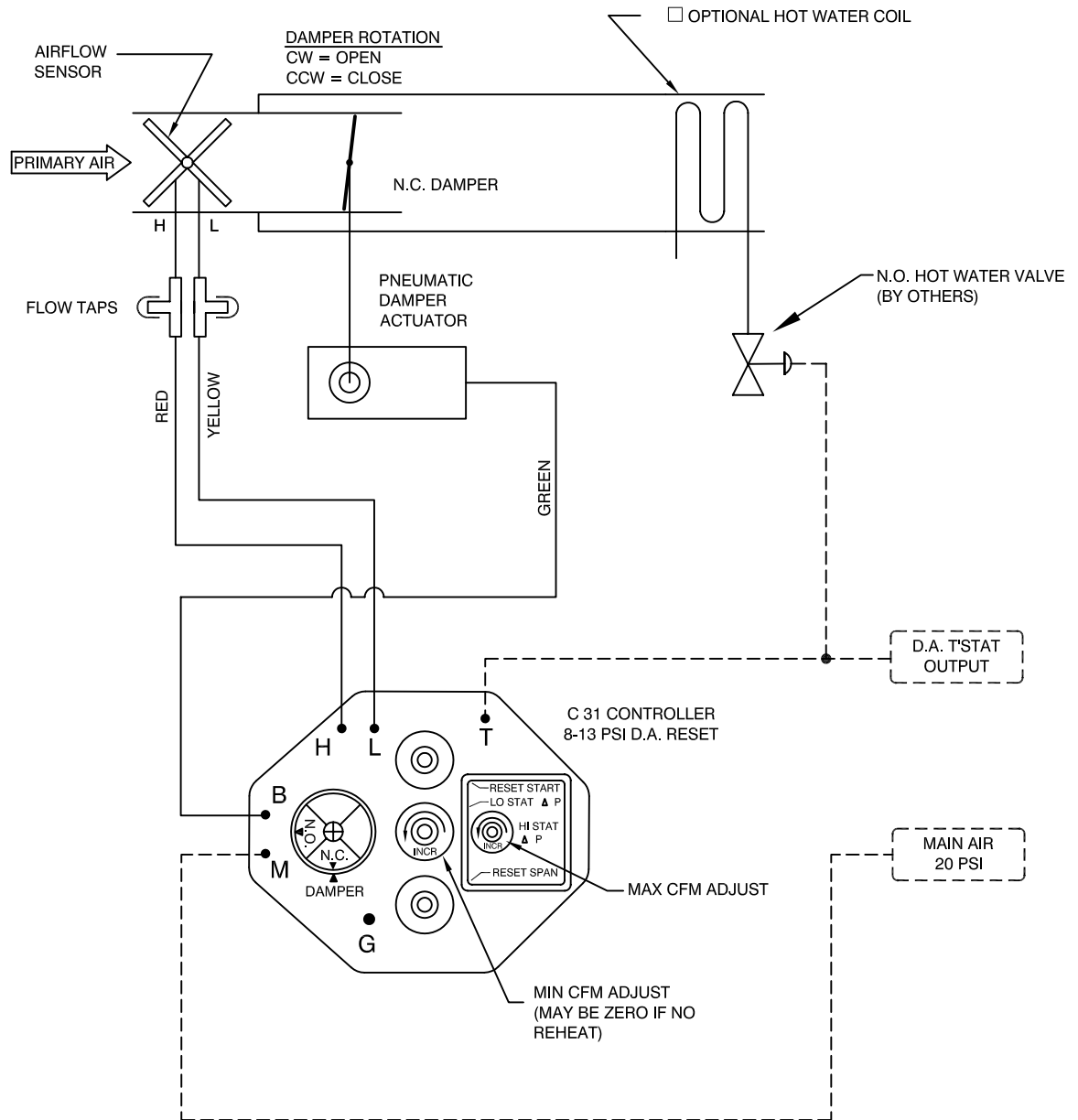


ANEMOSTAT[®]

AIR TERMINAL CONTROLS

Control Package
SD - P - 3200

- SINGLE DUCT
- PNEUMATIC CONTROLS
- VAV COOLING
- OPTIONAL HOT WATER HEAT
- PRESSURE INDEPENDENT
- DIRECT ACTING THERMOSTAT
- NORMALLY CLOSED DAMPER

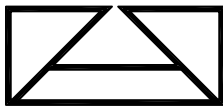


————— FACTORY PIPING
----- FIELD PIPING

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

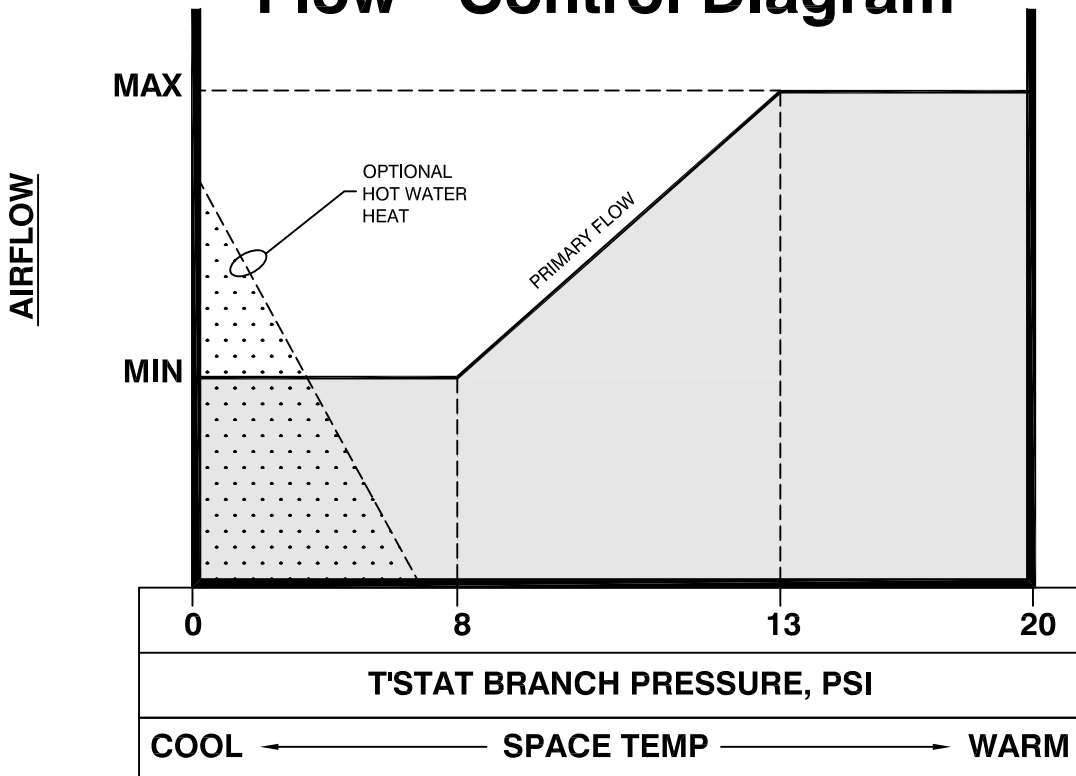
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DATE: 8-8-06



- SINGLE DUCT
- PNEUMATIC CONTROLS
- VAV COOLING
- OPTIONAL HOT WATER HEAT
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- NORMALLY CLOSED DAMPER

Flow - Control Diagram



SEQUENCE OF OPERATION

1. THE THERMOSTAT SIGNALS THE CONTROLLER IN RESPONSE TO THE SPACE TEMPERATURE.
2. AT LESS THAN 8 PSI THERMOSTAT BRANCH PRESSURE, THE CONTROLLER MAINTAINS MINIMUM FLOW RATE. IF EQUIPPED WITH A HOT WATER COIL, THE N.O. WATER VALVE WILL MODULATE OPEN AS THE SPACE TEMPERATURE DROPS.
3. AS THE SPACE TEMPERATURE INCREASES, THE THERMOSTAT BRANCH PRESSURE INCREASES, AND THE CONTROLLER INCREASES FLOW FROM MINIMUM TO MAXIMUM AIRFLOW.
4. ABOVE 13 PSI THERMOSTAT BRANCH PRESSURE, THE CONTROLLER MAINTAINS MAXIMUM FLOW.
5. UPON LOSS OF MAIN AIR, THE DAMPER FAILS CLOSED & THE HOT WATER VALVE FAILS OPEN, IF EQUIPPED.

JOB NAME:
SUBMITTED BY:
DATE:

DWG #: SD-P-3200.2
REV: -
DATE: 8-8-06