

**COOLING WITH HOT WATER REHEAT • DIRECT ACTING,
 NORMALLY OPEN • VARIABLE AIR VOLUME • PRESSURE
 INDEPENDENT**

Sequence of Operation:

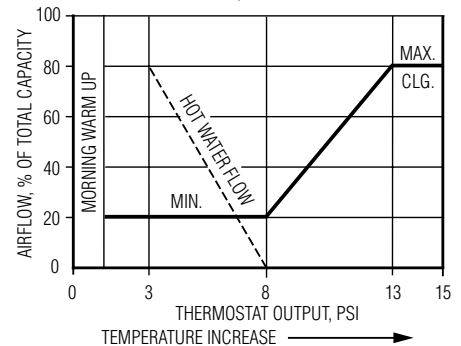
1. When main control air is off, damper and hot water valve are fully open. Morning warm-up setting (if required) with warm air from the system supplied at full flow rate.
2. Main control air on - controller is activated. Begins modulating cold airflow on thermostat demand.
3. Increase in room temperature modulates hot water valve towards closed position (at 8 psi).
4. Minimum airflow is maintained between 0 and 8 psi thermostat signal.
5. Further increase in room temperature will increase thermostat signal from 8 to 13 psi which will increase airflow. At 13 psi and above, preset maximum airflow is maintained.
6. If main control air fails, damper fails open and hot water valve fails open.

Options:

Two Pipe Thermostat (Vertical Mount. Includes backing plate for 2" x 4" electrical box).

- CTC-1621-103 °F scale plate
- CTC-1621-113 °C scale plate

VAV COOLING, HOT WATER REHEAT
 DIRECT ACTING THERMOSTAT, NORMALLY OPEN DAMPER



SCHEDULE TYPE:			
PROJECT:			
ENGINEER:			
CONTRACTOR:			
DATE	B SERIES	SUPERSEDES	DRAWING NO.
26 - 3 - 01	3000	20 - 9 - 00	30RWCD-1P3