

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

**Sequence of Operation:**

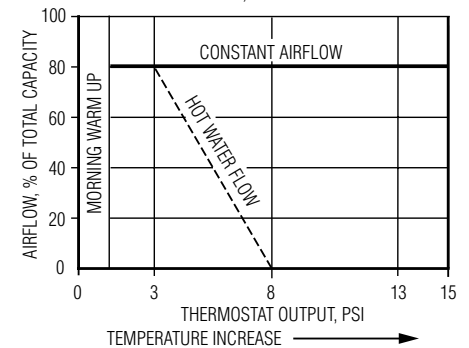
1. When main control air is off, damper and hot water valve are fully open. Morning warm-up setting (if required) with warm air from the system supplied at full flow rate.
2. Main control air on - controller is activated. Maintains preset constant air volume regardless of duct pressure or room temperature.
3. As room temperature increases the thermostat signal also increases, causing the normally open hot water valve to modulate towards the closed position.
4. 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

**CAV COOLING, HOT WATER REHEAT  
DIRECT ACTING THERMOSTAT, NORMALLY OPEN DAMPER**



<b>SCHEDULE TYPE:</b>		<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>PROJECT:</b>		<b>19 - 4 - 01</b>	<b>3000</b>	<b>NEW</b>	<b>30RWCD-8P3</b>
<b>ENGINEER:</b>					
<b>CONTRACTOR:</b>					