

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

Sequence of Operation:

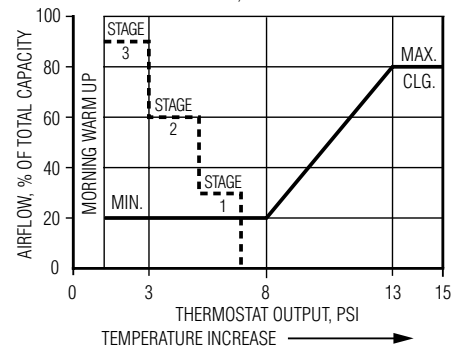
1. When main control air is off, damper is fully open and P.E. switch for electric heater is closed (energized). An airflow switch protects the heater upon loss of central air. Morning warm-up setting (if required) with warm air from the system supplied at full flow rate.
2. Main control air on - controller is activated. Begins modulating cold airflow on thermostat demand.
3. Increase in room temperature de-energizes the electric reheat coil one stage at a time.
4. Minimum airflow is maintained between 0 and 8 psi thermostat signal. At 8 psi, electric reheat is off.
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 P.E. switch for electric heater is closed (energized).

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, ELECTRIC REHEAT
 DIRECT ACTING THERMOSTAT, NORMALLY OPEN DAMPER



SCHEDULE TYPE:		DATE	B SERIES	SUPERSEDES	DRAWING NO.
PROJECT:		26 - 9 - 00R	3000	NEW	30RECD-1P3
ENGINEER:					
CONTRACTOR:					