

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

Sequence of Operation:

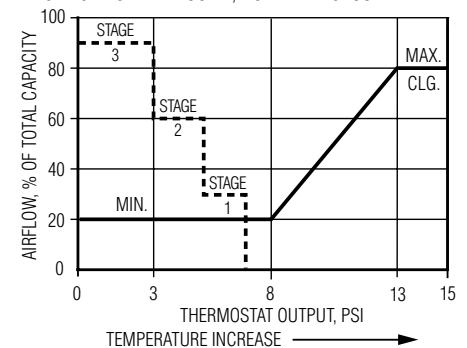
1. When main control air is off, damper is closed and P.E. switch for electric heater is closed (energized). A positive pressure airflow switch will de-energize the coil due to low airflow or loss of central air.
2. Main control air on - controller is activated. Begins modulating cold airflow according to 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 in turn increases airflow to room. At 13 psi and above, preset maximum airflow is maintained.
6. If main control air fails, damper fails closed 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 CLOSED DAMPER



SCHEDULE TYPE:			
PROJECT:			
ENGINEER:			
CONTRACTOR:			
DATE	B SERIES	SUPERSEDES	DRAWING NO.
10 - 18 - 07	3000	26 - 9 - 00R	30RECD-3P3