

**COOLING ONLY • REVERSE ACTING, NORMALLY CLOSED
VARIABLE AIR VOLUME • PRESSURE INDEPENDENT**

Sequence of Operation:

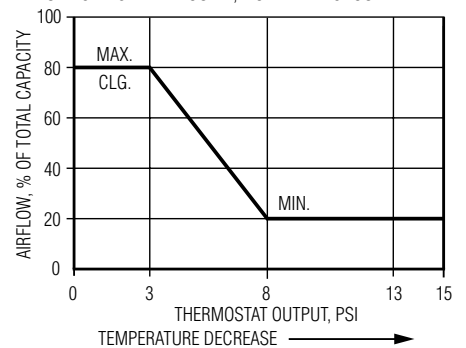
1. When main control air is off, damper is closed.
2. Main control air on - controller is activated. Begins modulating cold airflow according to thermostat demand.
3. Decrease in room temperature increases thermostat output pressure (thus decreasing airflow).
4. Maximum airflow is maintained between 0 and 3 psi thermostat signal.
5. Further decrease in room temperature will increase thermostat output pressure from 3 to 8 psi which will decrease airflow to room. At 8 psi and above, minimum airflow is maintained.
6. If main control air fails, damper fails closed.

Options:

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

- CTC-1622-103 °F scale plate
- CTC-1622-113 °C scale plate

VAV COOLING
REVERSE ACTING THERMOSTAT, NORMALLY CLOSED DAMPER



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|-----------------------|-----------------|-------------------|--------------------|
| SCHEDULE TYPE: | | | |
| PROJECT: | | | |
| ENGINEER: | | | |
| CONTRACTOR: | | | |
| DATE | B SERIES | SUPERSEDES | DRAWING NO. |
| 10 - 18 - 07 | 3000 | 19 - 4 - 01R | 3000CD-4P3 |