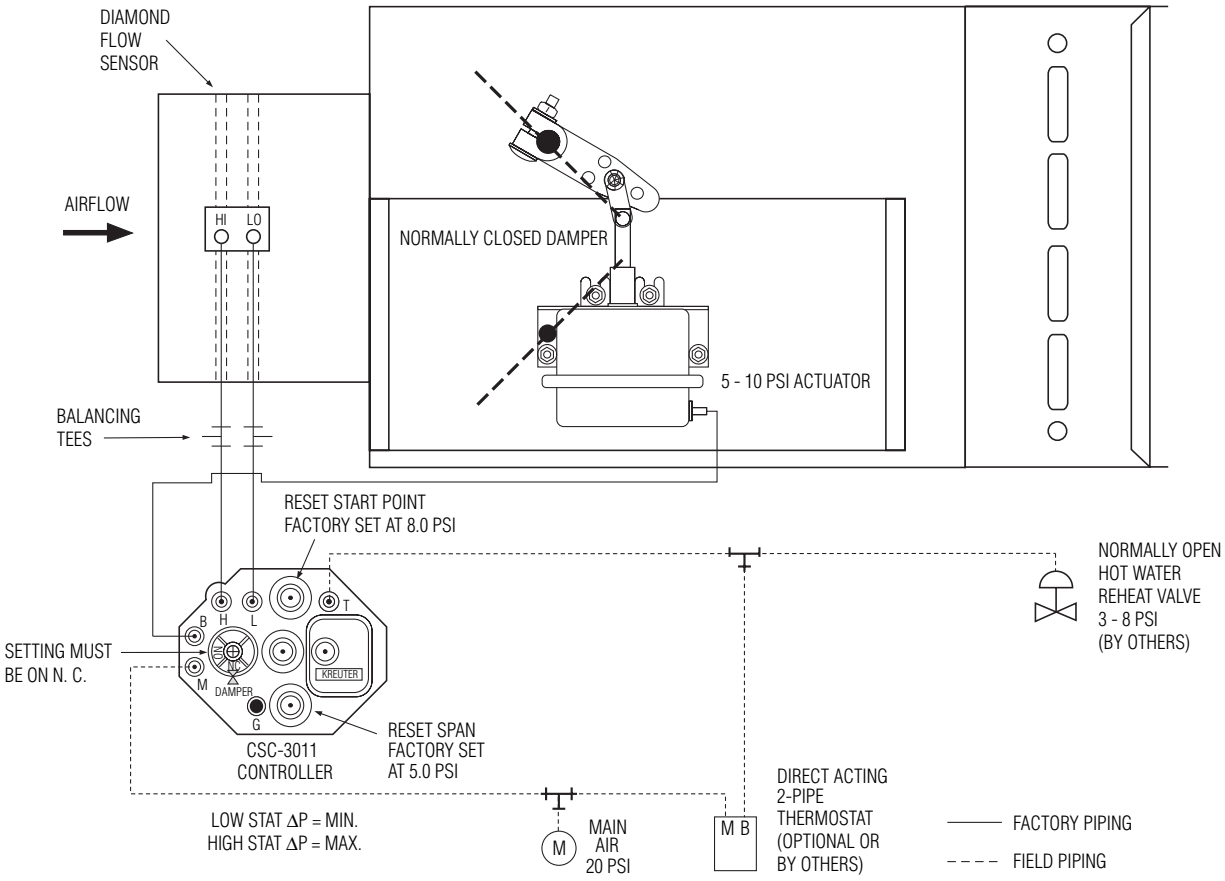
PNEUMATIC CONTROLS
SINGLE DUCT VAV TERMINAL UNIT
MODEL: 30RW
CONTROL SEQUENCE: 3P3 (CSC-3011)



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

Sequence of Operation:

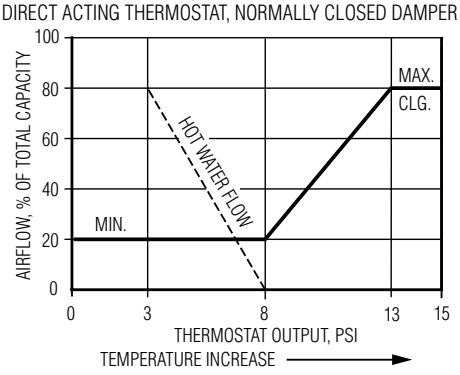
1. When main control air is off, damper is closed and hot water valve is fully open.
2. Main control air on - controller is activated. Begins modulating cold airflow according to thermostat demand.
3. Increase in room temperature modulates hot water valve towards the closed position (at 8 psi).
4. Minimum 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 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 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 CLOSED DAMPER



SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**10 - 18 - 07**	**3000**	**20 - 9 - 00R**	**30RWCD-3P3**