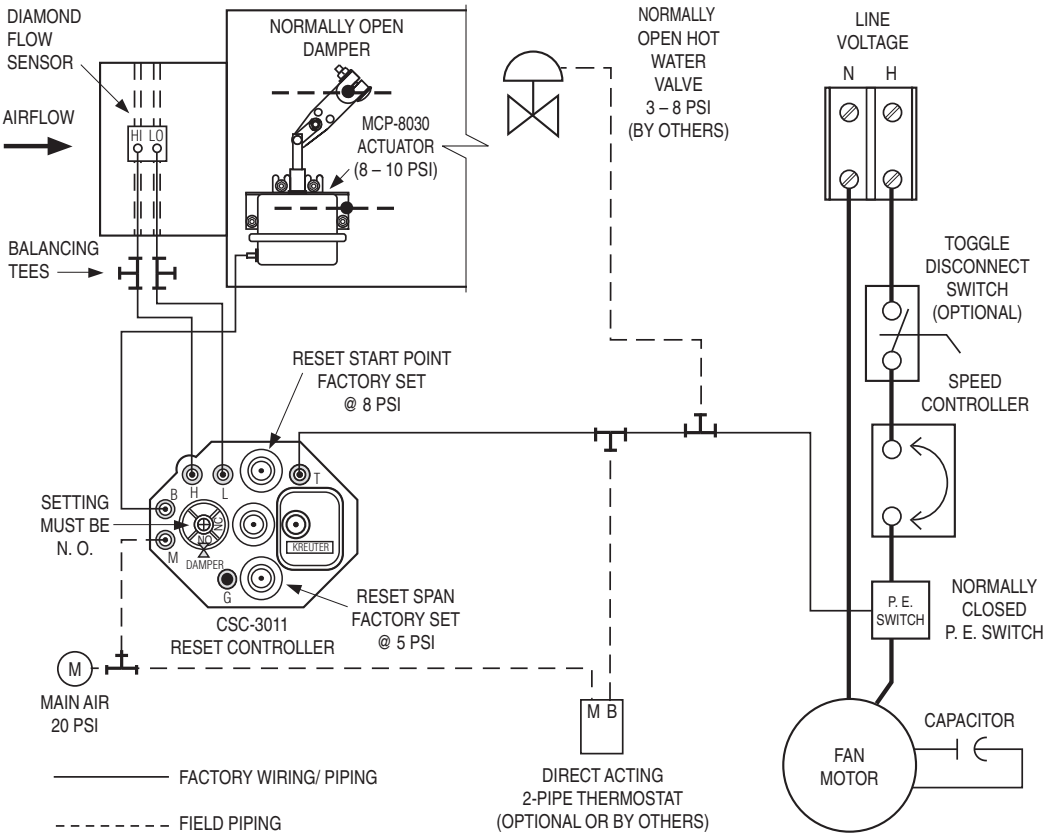
PNEUMATIC CONTROL

FAN POWERED TERMINAL UNIT • PARALLEL FLOW
VARIABLE VOLUME • PRESSURE INDEPENDENT

MODELS: 35NW AND 37NW 1P3



CONTROL SEQUENCE 1P3 • VAV COOLING WITH PROPORTIONAL HOT WATER HEAT • DA/NO • 3000 CONTROLLER

Sequence of Operation:

On a rise in space temperature, the thermostat regulates the controller to increase primary airflow.

When the space temperature is warm, the primary air damper is controlling at the maximum airflow setting.

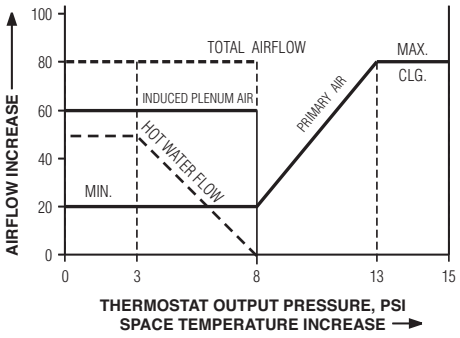
As the space temperature decreases, the damper modulates back towards the minimum airflow setting. If room temperature continues to drop, the fan is energized and warm air is induced from the ceiling plenum. Minimum primary airflow is maintained and the hot water valve modulates open.

Primary airflow is held constant in accordance with thermostat demand. Any changes in volume due to static pressure fluctuations are sensed and compensated for, resulting in pressure independent control.

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



SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**8 - 2 - 16**	**3500**	**NEW**	**35NWCD-1P3**