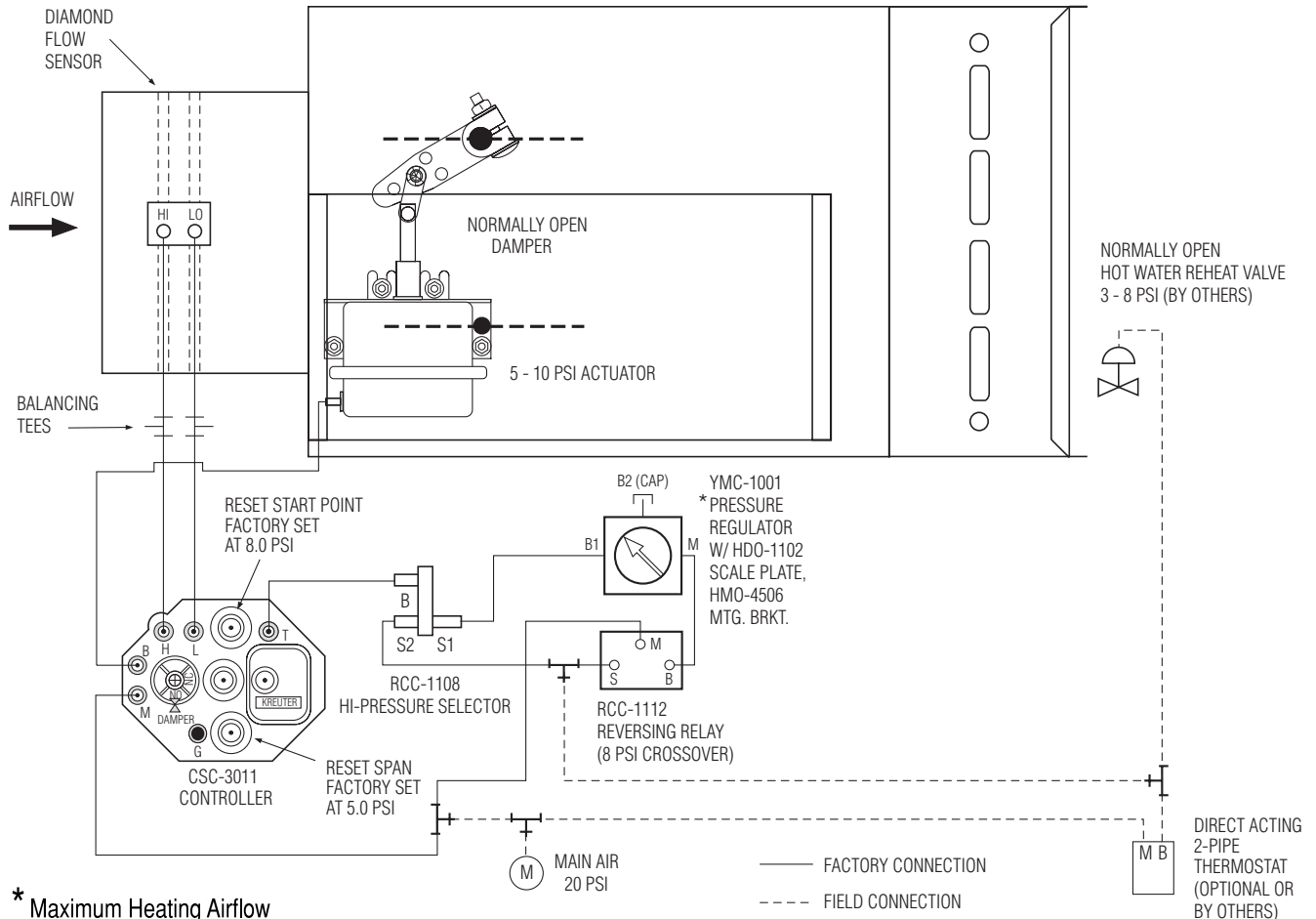




SINGLE DUCT TERMINAL UNIT
MODEL: 30RW • PNEUMATIC • CSC-3011
VAV COOLING WITH VAV HOT WATER REHEAT
CONTROL SEQUENCE: 1P3 + Q5



* Maximum Heating Airflow

$$= \left[\left(\frac{\text{max. heating cfm}}{\text{max. cooling cfm}} \right)^2 \times 5 \right] + 8.0$$

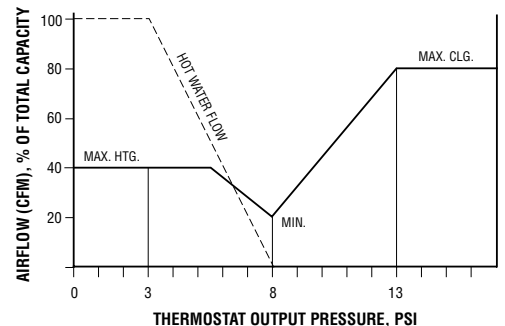
VARIABLE AIR VOLUME • PRESSURE INDEPENDENT DA/NO
• VAV COOLING WITH VAV HOT WATER REHEAT AND
AUXILIARY HEATING MINIMUM FLOW

Sequence of Operation:

As the room temperature increases, the room thermostat modulates the cold airflow from the minimum to the maximum setting. As the room temperature decreases, the damper modulates to the minimum airflow position.

If the room temperature continues to drop, the damper modulates open again to an auxiliary maximum heating airflow in sequence with the hot water valve.

Upon loss of main air, damper fails open and hot air valve fails open.



SCHEDULE TYPE:					
PROJECT:					
ENGINEER:		DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:		23 - 11 - 99R	3000	NEW	30RWCD-Q5