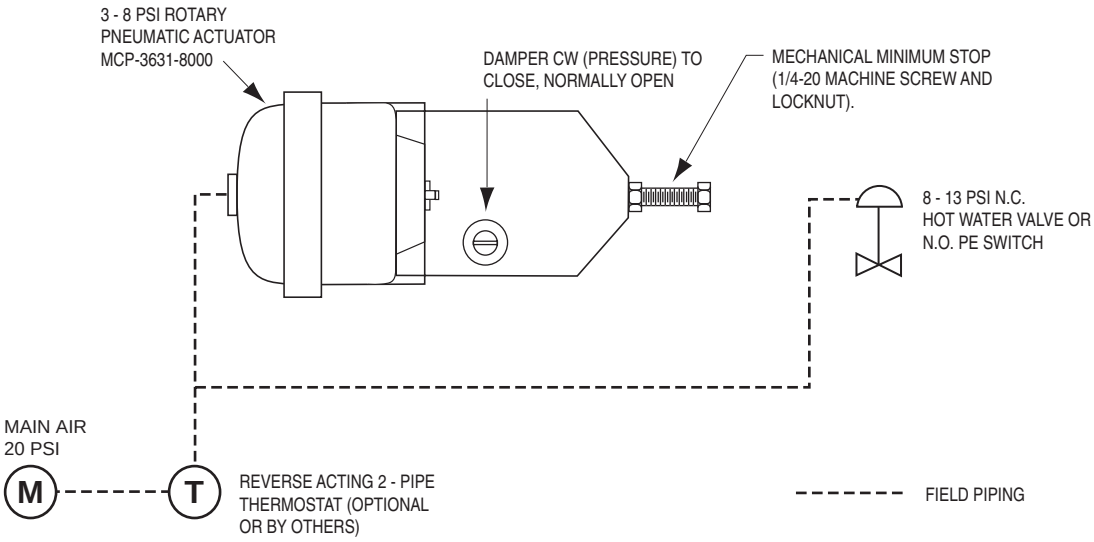
Nailor Industries Inc.

PNEUMATIC CONTROL
BYPASS TERMINAL UNIT
PRESSURE DEPENDENT
MODELS: P3400, P34RW AND P34RE MK II P1

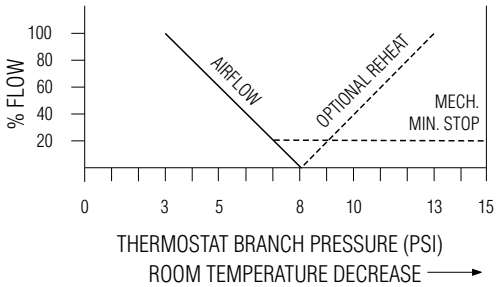


Control Sequence P1

Cooling (with Optional Reheat) • Reverse Acting/Normally Open

Sequence of Control:

- When main control air is off, damper is fully open and the bypass is closed.
- When main control air is on, cooling airflow modulates according to thermostat output.
- On a rise in room temperature, the thermostat line pressure to the actuator decreases. The actuator moves the damper to the open position, increasing the cooling airflow to the room, closing the bypass air at the same time.
- If the room thermostat is satisfied before the damper is fully open, the damper remains in a modulated position until further demand.
- On a fall in room temperature, the thermostat line pressure increases, moving the actuator to close the damper and decreases the cooling airflow to the room. At the same time, supply air is diverted through the bypass port into the plenum.
- A mechanical minimum stop requires field setting.
- An optional hot water coil valve or electric heater may be sequenced for reheat applications (8 – 13 psi). Hot water valve is supplied by others. P.E. switch is included in electric heater.



Options and Accessories:

❑ DA two-pipe thermostat (CTC-1621)
See separate submittal for thermostat options.

❑ Special features:

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SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**10 - 01 - 01R**	**3400**	**NEW**	**3400CD-P1**