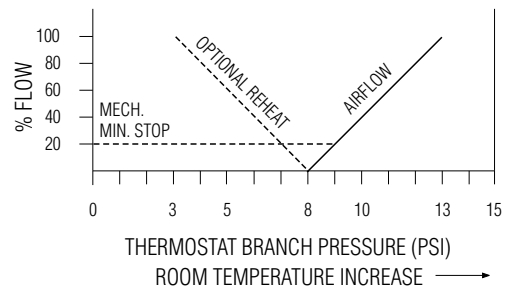


**Control Sequence P1A**

**Cooling (with Optional Reheat) • Direct Acting / Normally Closed**

**Sequence of Control:**

- When main control air is off, damper is fully closed and the bypass is open.
- 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 increases. 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 decreases, 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 (3 - 8 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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<b>SCHEDULE TYPE:</b>		Dimensions are in inches (mm).			
<b>PROJECT:</b>					
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>	
<b>CONTRACTOR:</b>	10 - 01 - 01R	3400	NEW	3400CD-P1A	