

## Flow Description

As a standard function, the 200-3 flow logic is capable of positioning the damper actuator to “shut-off” or to “full open” to accommodate a smoke or fire alarm signal, or morning warm-up. The damper position is accomplished by closing specific control circuits on the flow logic terminals.

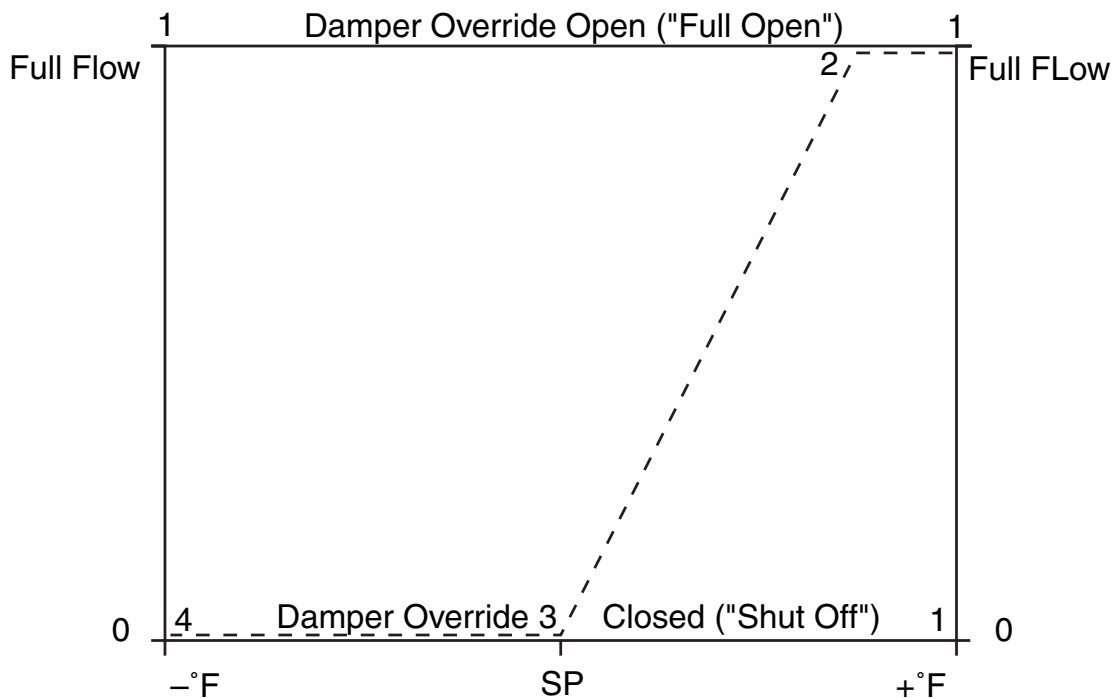
Controllers may be looped with the damper function accomplished by the closure of a single pole switch or relay. Two single pole contacts would be required if both open and closed damper positions are required.

The override function negates any preselected Max. or Min. limit setting preset into the logic and drives the damper to its fully closed or open position, once energized.

Damper Override may also be used to inactivate rooms, or zones, where conditioning is not required prior to occupancy. Closure of the control circuit may be accomplished with a temporary jumper at the flow logic terminals or wired remote to a control panel.

## Flow Function

- The damper override may be initiated at any location between 1 and 4.
- Interface function, when used, does not affect the closure “shut-off” or opening “full open”, position when damper override is initiated.
- The damper override depicted below is shown occurring during throttling, 2 – 3.
- Damper resets to full open in “a” above, regardless of Max. Flow Limit.
- Damper resets to “shut-off” in “b” above, regardless of Min. Flow Limit.



Damper Override Direct Acting Flow Diagram