



### SUPPLY FAN CONTROL

Modulate the supply fan VFD to maintain the discharge plenum or supply duct static pressure required to satisfy the design air volume when all VAV boxes are fully opened.

### OUTSIDE AIR AND BUILDING PRESSURE CONTROL – ECONOMIZER or OA w/AHU RELIEF

Modulate the outside air damper and return air damper, in sequence, to maintain the mixed air temperature setpoint by resetting the outside airflow setpoint. **OVERRIDE ECONOMIZER TEMPERATURE CONTROL AND MAINTAIN THE MINIMUM OA FLOW RATE IF THE OA FLOW RATE FALLS BELOW THE VENTILATION REQUIREMENTS FOR DILUTION OR PRESSURIZATION.**

Modulate the relief fan VFD to maintain the differential setpoint between the supply and return flow rates. The setpoint should equal the differential measured during minimum outside air mode.

Recommended option to avoid the direct relief of minimum outside air (short-circuit): Reset the maximum open position of the return air damper if the bleed airflow is less than 0.