



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. **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 return 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.

Open the relief air damper when the bleed flow across the damper is greater than 0 fpm.