

AIR QUALITY IMPROVEMENTS



FILTERS UPGRADED

Upgraded to MERV-13 Air Filters, which filter particles as small as many bacteria and viruses.



OUTDOOR AIR INTAKE

Outdoor air intake is increased via Direct Digital Control (DDC) settings. DDC open and close outdoor air dampers based on several conditions such as temperature management, CO2 levels and other parameters. The dampers will additionally open 10-20% for purpose of air exchange.



CO2 SENSOR CONTROL

CO2 Sensors inform opening of outdoor air dampers when CO2 levels rise in the building. Dampers open increasingly passed 800ppm versus 1000ppm limit.



HVAC HOURS EXPANDED

HVAC Occupancy setting has been expanded before and after school hours.



DIRECT DIGITAL CONTROLS

Coordination and automation of controls to provide real time response to current conditions and feedback on operation metrics such as variable fan speed. These controls ensure conditions are maintained within a narrow range and performance.

