

INDOOR AIR FACT SHEET



BUILDING NAME

Building Type: Academic/Administration

Building Size: ##,### - Net Assignable Square Feet

Building Assignments: Classrooms, Office Spaces, Conference Rooms, Auditorium, Computer Rooms

VENTILATION

The amount of fresh air—outside air—that needs to be introduced into a building varies widely depending upon the activity and level of occupancy. The most common term used to refer to the amount of outside air that needs to be introduced into a building is referred to as Air Changes per Hour (ACH). This building meets or exceeds building ventilation Air Change Rates (ACH) as specified in ASHRAE Standard 62.1-2016.

FRESH AIR TO BUILDING OCCUPANTS

This building will run HVAC equipment during unoccupied times to provide and maintain a minimum level of Outside Air [Fresh Air] per ANSI/ASHRAE Standard 55, *Thermal Environmental Conditions for Human Occupancy*. During off-hours and weekends, the building spaces will maintain a range of temperatures both above and below ideal set points, usually between 5-8 degrees Fahrenheit.

PERIODIC VENTILATION FLUSH OF AIR TO BUILDING

This building will perform a complete ventilation “HVAC Air Flush” through HVAC equipment twice per day. This “Air Flush” will occur for a period of 2 hours prior to occupancy of building. During this process the “Air Flush” will add 100% Fresh Air to all spaces while simultaneously removing 100% of air being introduced. This “Air Flush” will also occur upon closing of building during off-hours, when the premises become unoccupied.

AIR FILTRATION TO BUILDING

Filters are an important component of any HVAC system as it relates to the spread of particles in the air. This building undergoes routine filter changes so that airborne pathogens are caught before they are recirculated back into the building. Facilities Management will be utilizing the highest rated Minimum Efficiency Reporting Value (MERV) filters available per equipment design to impede the spread of particles within the air. The (MERV) filters installed in this building are per manufacturer equipment specification and comply with ASHRAE standards.