

1. With regard to ventilation and HVAC, following these recommendations:
 - Prior to re-occupancy, operate HVAC systems in occupied mode for a minimum period of one week while assuring the outside air dampers are open.
 - Encourage staff to provide additional outside time and open windows frequently when air conditioning is not being used. Do not open windows and doors if they pose a safety or health risk (e.g., risk of falling, noise or triggering asthma symptoms).
 - Ensure ventilation systems operate properly and increase circulation of outdoor air as much as possible.
 - The following modifications to building HVAC system operation should be considered, as recommended by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
 - o Increase outdoor air ventilation (disable demand-controlled ventilation and open outdoor air dampers to 100% as indoor and outdoor conditions permit).
 - o Improve central air and other HVAC filtration to MERV-13 (ASHRAE 2017b) or the highest level achievable. Change filters every 3-4 months.
 - o Keep HVAC systems running longer hours (24/7 if possible, but a minimum of two hours prior to occupancy and through the duration of occupancy). Keep bathroom exhaust fans operating 24/7 on school days. Ensure staff understand the importance of ventilation fans – they must run all day.
 - o Add portable air cleaners to classrooms. Use HEPA or high-MERV filters with due consideration to the clean air delivery rate (AHAM 2015).
 - o Maintain temperature and humidity as applicable to the infectious aerosol of concern. Typically temperature should be maintained between 68-78°F and humidity between 40-60%.
 - Take appropriate precautions when servicing HVAC Systems and replacing filters (wear appropriate personal protective equipment (PPE), bag and dispose of filters in regular trash, immediately wash hands with soap and water or use an alcohol-based hand sanitizer).