



# Campus Services

## Back to Office Preparation Activity

March 29, 2021

# HVAC Systems and Fresh Air Strategy

The university is implementing several HVAC system measures to support the health and safety within facilities. The following outlines the key measures taken and is supported by a graphical depiction on the following page.

1

**Maximizing Fresh Air:** Adjusting outside air dampers to allow maximum fresh air to occupy spaces based on the HVAC Unit's design.

2

**Enhanced HVAC Routines:** Increasing frequency of tours & inspections. Monitoring Building Management System & improving control parameters. Higher efficient MERV 13 filters installed.

3

**UV Lighting:** Improving indoor air quality by using UV lighting on the HVAC equipment which reduces bacteria, viruses, and mold that may be in the air stream.

4

**Exhausts/Air Returns:** Reducing the amount of air that returns to the supply fan to approximately 10% (*previously 80%*).

5

**Exhaust Return:** Removing (“exhausting”) air that is not returned to the supply fan.

**Typical Air Handler System:  
Optimized Control For Fresh Air**

5 Air not returned to the supply fan is exhausted.

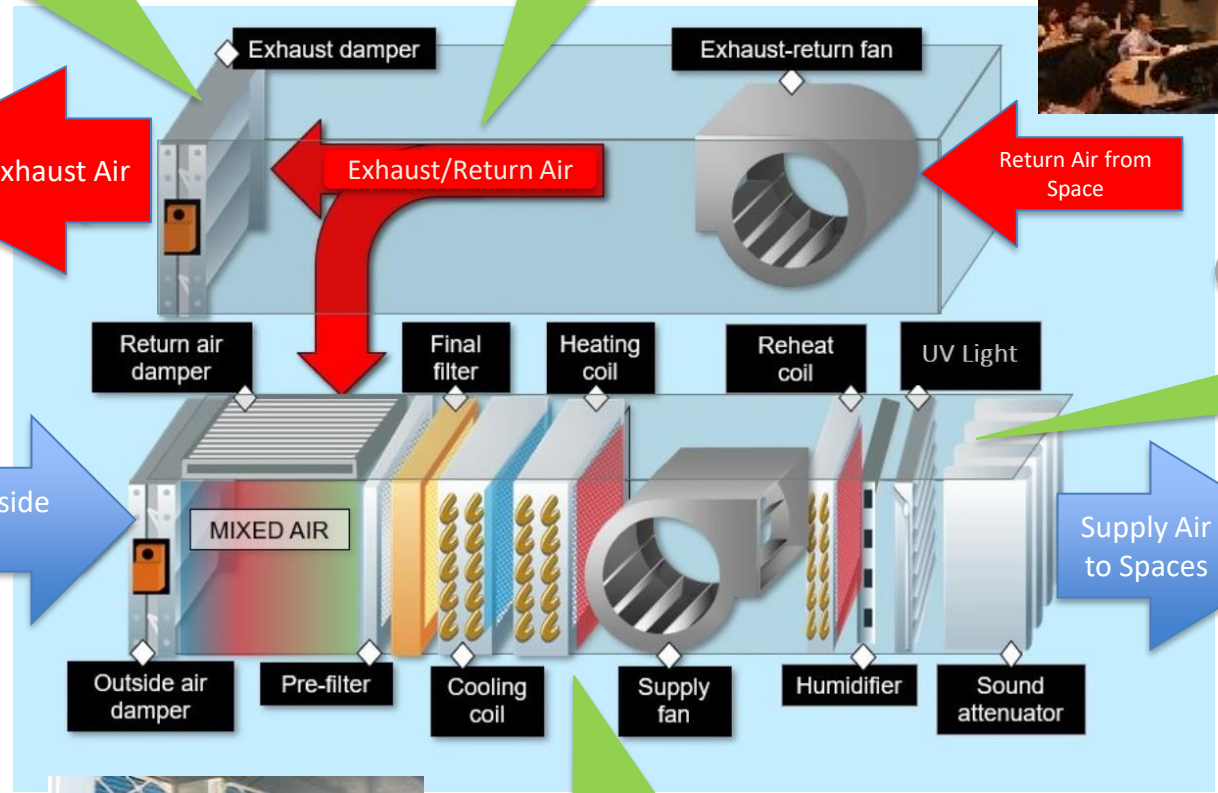
4 Air that returns to the supply fan has been reduced to approximately 10%. (Previously 80%).

1 Outside air dampers have been adjusted to allow maximum fresh air to occupied spaces based on the HVAC Unit's design.

3 UV lighting improves indoor air quality by reducing bacteria, viruses & mold that may be in the air stream.

2 Enhanced HVAC routines:

- Increased frequency of tours & inspections.
- Building Management System monitoring & control parameters improved.
- Higher efficient MERV 13 filter installed.



# DEEP CLEANING AND SANITIZATION

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All spaces to be deep cleaned and sanitized.

Daily sanitization will continue to occur overnight



# HIGH TOUCH AREA - DISINFECTION

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- ✓ Common areas
- ✓ Lounges
- ✓ Classrooms
- ✓ Bathrooms
- ✓ Dining Spaces



# HAND SANITIZER / DISINFECTION STATION

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- ✓ Strategically installed throughout the facilities
- ✓ Disinfecting stations allow for optional wiping of area by occupant.



# POTABLE AND NON-POTABLE WATER FLUSHING / TESTING

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Potable Water



Non-Potable Water



# REFERENCE AND TECHNICAL GUIDES



CDC Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives, Protecting People™

Search Coronavirus

Coronavirus Disease 2019 (COVID-19)

Coronavirus Disease 2019 (COVID-19) > Communities, Schools & Workplaces > Colleges & Universities

Coronavirus Disease 2019 (COVID-19)

Symptoms

Testing +

Prevent Getting Sick +

If You Are Sick +

Daily Life & Coping +

Other Languages Print Page

### Considerations for Institutes of Higher Education

Updated May 19, 2020

As some institutes of higher education (IHE) open in the United States, the Centers for Disease Control and Prevention (CDC) offers the following considerations for ways in which IHEs can help protect students and employees (e.g., faculty, staff, and

On This Page  
Guiding Principles



**Environmental Health and Safety Office**  
Research Administration



Environmental Health and Safety Office  
Research Administration

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## DISINFECTION GUIDANCE FOR LABORATORIES AND WORKSPACES

The following is guidance for disinfection and protection during the SARS-CoV-2 (COVID-19) pandemic. Particular attention should be given to 'high touch' surfaces. Also refer to guidance provided by the Centers for Disease Control and Prevention. Please keep in mind and observe the basics of infection control:

- **Avoid close contact with people who are sick.**
- **Practice social distancing by maintaining distance (approximately 6 feet or 2 meters) from others.**
- **Cover your cough or sneeze with a tissue, then throw the tissue in the trash.**
- **Avoid touching your eyes, nose, and mouth.**
- **Clean and disinfect frequently touched objects and surfaces.**