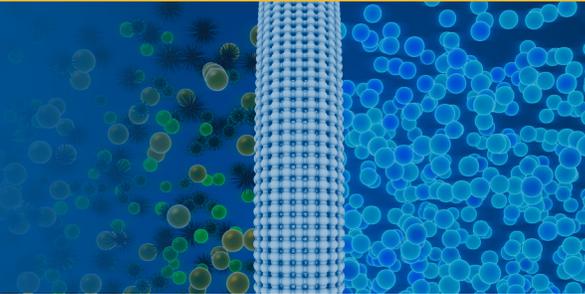


HVAC Action Plan for Re-Opening the Campus

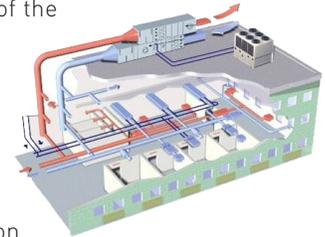


The current COVID-19 pandemic puts special emphasis on the commitment of the University of Windsor to exceed expectations, especially when it comes to the health and safety of its community. The surrounding environment is an essential factor when considering public health. Supplying exceptional air quality is a fundamental aspect of how UWindsor can control the environment for the reduction of health risks, and the overall betterment of its campus.

Even the slightest risk of COVID-19 transmission needs to be considered in order to give those returning to campus confidence in their safety. Therefore, our air ventilation and circulation systems receive abundant attention and are used to minimize the transmission of harmful microbes.

FACTORS CONSIDERED DURING PLANNING PROCESS

1. Our responsibility to reduce or eliminate health and safety risks in the community..
2. The recommendations of field experts and health authorities.
3. Procuring the safe return of the University community to our campus, and allowing ourselves to continue to provide students with the highest quality of education, and ultimately fulfill our mission.



PLAN SUMMARY

<p>Maximum Fresh Air</p> 	<p>Our ambitious pursuit to maximize the delivery of fresh air.</p>
<p>Minimizing Transmission during Circulation</p> 	<p>How we ensure air quality is not compromised as it travels through a building.</p>
<p>Increase Fresh Air Intake</p>	<p>Bringing in more fresh air is linked to health benefits and will increase indoor air quality while simultaneously reducing recycled air, which may be able to transmit COVID-19. Our current goal is for circulated air to contain at least 30% fresh outdoor air.</p>
<p>Disable Demand Controlled Ventilation</p>	<p>Ventilation is normally reduced when buildings are unoccupied, disabling it will reduce recycled air in buildings.</p>
<p>Disable Heat Wheels</p>	<p>Heat Wheels use air leaving a building to heat air coming in, however, air contaminants can sometimes be transferred to fresh air during this process and therefore these have been disabled.</p>
<p>Disable Air Recirculation</p>	<p>Air recirculation has been disabled wherever possible in order to increase clean air brought in from outdoors.</p>
<p>Improve Air Filters</p>	<p>Air filtration is the most reliable and practical method for cleaning air. The University of Windsor is using MERV 13 filters wherever possible to effectively clean air.</p>
<p>Regular Maintenance</p>	<p>All air ventilation systems including air ducts and filters, are replaced or repaired as needed. The edges around air filters are sealed to prevent air from passing unfiltered.</p>
<p>Negative Pressure in Bathrooms</p>	<p>When travelling through a building, it is important to consider air flow paths and hazards. Keeping bathrooms in negative pressure will not allow any airborne particles to escape and will reduce potential COVID-19 transmission.</p>