Subject: HVAC and COVID-19: Creating Safer Air

What's in your air?

The question of what we are really inhaling is under intense scrutiny as COVID-19 continues to spread. For our physical and economic health, the daunting task is how to achieve reasonable safety when sharing indoor spaces.

COVID-19 spreads most efficiently through droplets of water expelled from a person's nose and mouth. While gravity quickly pulls larger droplets to nearby surfaces, tiny virus-carrying aerosols can linger in the air and travel on air currents.

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HVAC systems were originally designed for indoor particles, not viruses. Because viruses are minuscule compared to molds, allergens and bacteria and other indoor particulates, they can slip through traditional HVAC filters. However, upgrading to advanced filtration such as HEPA and ULPA has proven effective in blocking viruses in indoor air circulation.

CoolSys is monitoring emergent technologies to boost the ability of commercial HVAC systems to control viruses, particularly COVID-19. You can improve air quality and safety by following new *Best Practice Guidelines. This includes pairing your HVAC with emergent technologies:

- UV-C Light
- Air Ionization
- Humidity Control

Learn more in our free report**.**

**Guidelines from The Center for Disease Control (CDC) and the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE).*