

BUILDING PROTECTION PROGRAM

We recognize that we are in a unique position to help our customers in their response to this pandemic. As your HVACR provider, our service directly impacts the air quality in your facility. In recognition of this, we have created a Building Protection Program for our client base. We are ready to explore with you any of the options listed below, which can positively impact your indoor air environment.



UV LIGHT

UV light products are proven to sterilize biological contaminants like mold, germs & viruses in the air. Some benefits of UV include:

- **Coil Disinfection**
- **ODOR/ VOC Reduction**
- **Airborne Disinfection**

UV systems have been tested and validated against bacteria, viruses, mold & fungus, and can achieve up to a 99% reduction of microorganisms. There are a number of factors that need to be addressed in order to determine efficiency. These include but are not limited to: proper application, air velocity and temperature, recirculation rates, dwell time, and specific biological target.



IONIZATION TECHNOLOGIES

Bipolar ionization technology releases charged atoms that attach to and deactivate harmful substances like bacteria, mold, allergens, and viruses. Bipolar ionization has already proven effective against SARS, norovirus & several influenza strains. Integrated into HVAC systems, the technology utilizes specialized tubes that take oxygen molecules from the air and convert them into charged atoms that then cluster around microparticles, surrounding and deactivating harmful substances like airborne mold, bacteria, allergens, and viruses.

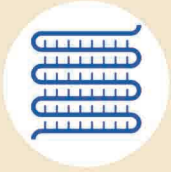
The main benefit of this is that it provides disinfection ability *throughout* your facility.



FILTRATION

MERV is the measurement of an air filter's ability to remove particles from the air stream. The higher the MERV rating, the more effective the filter is at catching smaller particles, and catching more of them. But as the MERV rating increases, so does the resistance to that air, which can cause operational problems with the unit, and increase energy usage during operation. We can work with you to identify the proper MERV increases for your unit and facility.

These changes can be incorporated into your existing maintenance agreement for the long-term benefit of your facility.



DISINFECTION OF EVAPORATOR COILS

Evaporator coils can become a breeding ground for mold and mildew, and collect dirt over time. Ensuring the coils are clean has a positive impact on the building's air environment. Additionally, it leads to less energy use of the unit during operation.

Our evaporator coil cleaner is EPA registered to kill viruses and the EPA recommends its use against Coronavirus COVID-19.



DISINFECTION OF REFRIGERATION EQUIPMENT

Other hard, non-porous surfaces in the building such as ice machines, cafeteria equipment, food processing equipment & prep counters can be disinfected using an EPA registered hard surface disinfectant that kills viruses & other microorganisms. Some of these services are already a part of standard refrigeration maintenance.

Please confirm with your designated sales rep to see if any services need added to your refrigeration systems.



BLOWER MOTOR UPGRADES

ECM blower motors can be installed to maximize the IAQ effects of air filters and air purifiers by increasing air circulation time. These motors are designed to run constantly at a very economical, reduced speed when there is no call for heating or cooling.

In addition to their air quality benefits, these motors are more efficient than the motors they replace and will pay for themselves in energy savings.



MAINTENANCE PROGRAMS

The options above are in addition to the maintenance program you already have in place. These maintenance programs provide benefits of improved air quality by properly maintaining the components already installed in your facility. If you would like to discuss increasing the frequency or adding additional equipment currently not covered, please reach out to your assigned rep. If you have delayed your spring maintenance due to being shut down, or due to corporate directives to limit outside contractors, we stand ready to start the delayed maintenance at your notice so that we can make sure your air quality is not compromised in any avoidable way.



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