



**D.P. Wolff Inc.**  
Service & Mechanical Contractors

# CUSTOMIZED SOLUTIONS FOR IMPROVING INDOOR AIR QUALITY

Customized HVAC solutions to help building owners and facility managers proactively prepare their spaces for a safe and healthy return to the workplace.

- 1 PURIFICATION
- 2 DISINFECTION
- 3 FILTRATION
- 4 CIRCULATION

BASED ON THE SPECIFIC DESIGN & SYSTEM REQUIREMENTS FOR YOUR EQUIPMENT.

**CONTACT US TO DISCUSS!**

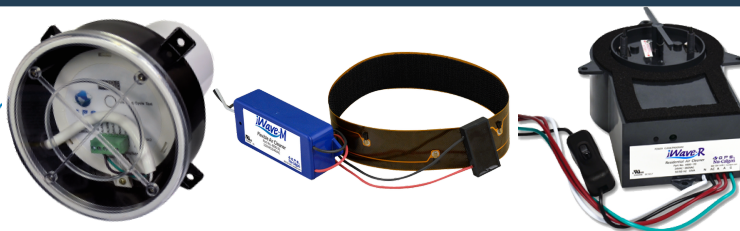
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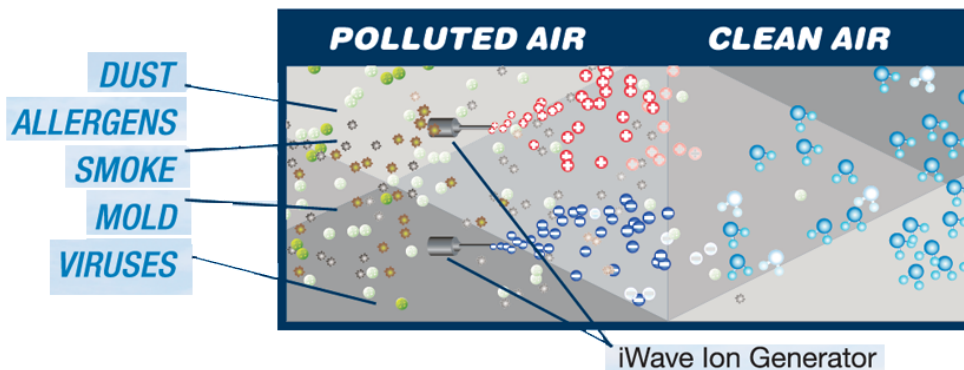
## PURIFICATION

### INSTALL IONIZATION BASED AIR CLEANERS

*iWave*  
AIR PURIFIERS



- Needle point ionization actively treats the air inside buildings.
  - Installs in any air conditioning or heating system.
  - **Proven technology: kills mold, bacteria and viruses.**
  - Maintenance free, self-cleaning design (iWave-R, iWave-C)
  - No replacement parts.
  - Keeps coil cleaner.
  - When air passes over the iWave, ions produced by the device reduce pathogens, allergens, particles, smoke & odors in the air, creating a healthy environment without producing any harmful byproducts.
- See illustration below:



## PURIFICATION

### INSTALL UV LIGHT TECHNOLOGY

High quality, high efficiency filters improve air quality tremendously, but can only affect particles of 1 micron or larger. UV germicidal lights can not only affect smaller particles but can also destroy the DNA of submicron microbes. Adding UV lights to your HVAC system can tremendously improve air quality.



## DISINFECTION

### CLEAN & DISINFECT EVAPORATOR COILS

Dust and debris are routinely trapped in the coils, and this can contain virus materials and contaminants. In addition to routine maintenance inspections, we recommend disinfecting indoor evaporator coils with a spray on “no-rinse” EPA registered cleaner that kills viruses similar to COVID-19 on hard non-porous surfaces.

## FILTRATION

### UPGRADE TO HIGHER EFFICIENCY AIR FILTERS

A MERV rating is used to report the effectiveness of air filters. **MERV** is an abbreviation: **Minimum Efficiency Reporting Value**, and tells you on a scale of 1-16, how effectively your filter traps the small particles you don't want circulating through your workplace. **ASHRAE recommends MERV 13 or the highest achievable rating based on system operating parameters.** Research has also indicated that appropriate air filtration limits the pass-through of virus particles, which frequently hitch a ride on larger particles, into downstream areas. Indoor air contains the most contaminants as it is limited and has no space to escape, and air is recycled causing the infections to transmit. High efficiency HVAC filters can capture small particles (such as viruses), and remove them from the airflow in your space. See image below.



## CIRCULATION

Virus particles in return ducts can also re-enter a building when centralized air handling units are equipped with re-circulation sectors. It is recommended to avoid central re-circulation during SARS-CoV-2 episodes: close the re-circulation dampers (via the Building Management System or manually).

*Recommendation of Indoor Air Quality (IAQ) products by no means either intended or unintended convey any guarantee of complete safety from any virus or contaminant. IAQ products are not medical device therefore no medical claims are made. These recommendations are based on what information is currently available. One needs to follow all federal, state and local guidelines with regard to protection, prevention and treatment of any and all airborne contaminants.*