

HVAC Retrofit Solutions — Easy Upgrade to HEPA Filtration

"... HVAC systems may contribute far more both to transmission of disease and, potentially, to reduction of transmission risk."

— Airborne Infectious Diseases,
ASHRAE Position Document June, 2009

H1N1 Best Practices — Best Products — Best Protection

Airborne transmission, as occurs in H1N1 and tuberculosis, is spread through small groups of infectious particles called droplet nuclei. These very small droplet nuclei can be readily disseminated by air currents far distances, including via central ventilating systems, to susceptible individuals throughout your building.

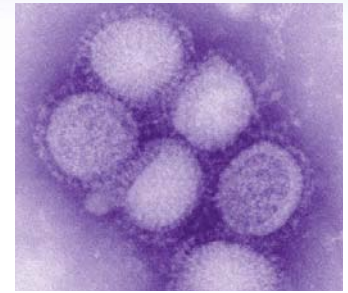
AAF recommends MEGAcel™ I High Efficiency PTFE filters, combined with AAF HEPA holding frames to decrease potential transmission of airborne diseases.

MEGAcel™ I — Highest Efficiency Air Filters at the Lowest Resistance in the Industry!

- Lower energy consumption — greater than 40% lower resistance to airflow.
- Helior™ PTFE media combines ultra-high efficiency with lowest pressure drop.
- 30-50% lower initial pressure drop results in substantial energy savings.
- Lower operating resistance equivalent to standard MERV 14 filters.
- High tensile strength media — much more resistant to shipping and handling damage.



MEGAcel™ I High Efficiency PTFE Filters are manufactured with high-performance Helior™ media and unique tapered aluminum separators.



Easily Retrofit Existing HVAC Systems with HEPA Holding Frames

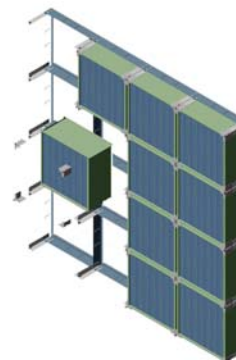
In order to get the maximum performance from the MEGAcel I HEPA filter, an air-tight seal between the HEPA filter and the holding frame is required. Universal type holding frames are not leak-tight and their latching systems cannot generate enough compressive force to fully seal the filter to the frame, even when gaskets are applied.

MEGAcel I combined with AAF HEPA Holding Frames eliminates bypass leaks. Upgrading is easy. The existing MERV 14 final filters and frames are removed and replaced with MEGAcel I and HEPA Holding Frames. Since AAF HEPA Holding Frames are available

in the same sizes as existing Universal HVAC frames, duct expansions and transitions are unnecessary.

Easily upgrade to HEPA filtration, and help prevent the spread of infectious particles in your building, without increasing energy use or modifying costly blowers.

Side Access Systems: AAF offers a wide variety of Side Access HEPA housings compatible with MEGAcel I HEPA filters.



AAF HEPA Holding Frames are designed for a tight seal to the MEGAcel I HEPA filter, eliminating bypass leakage.

AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

ISO Certified Firm

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