

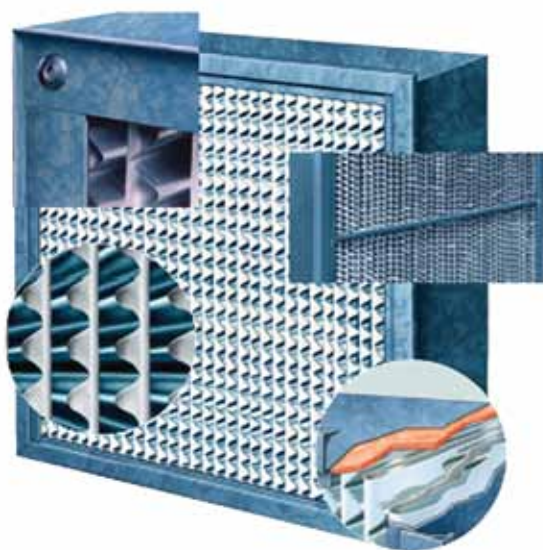
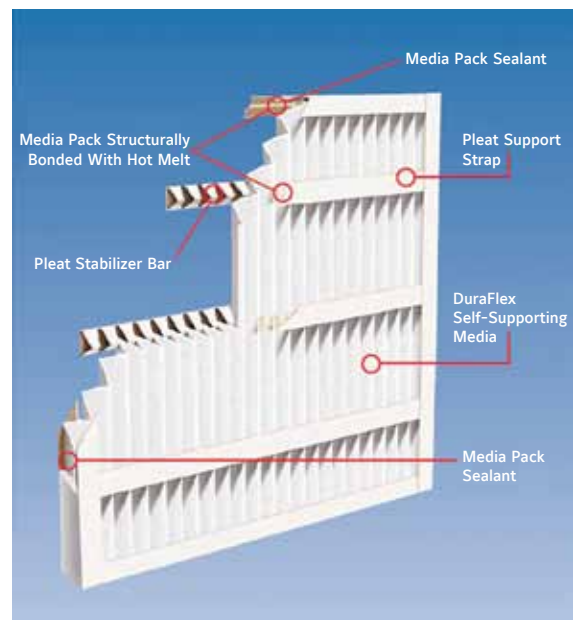


AcuAir® Filtration Protects Both Your Equipment and Your Process Room

The capture and containment of airborne contaminants is one of the primary tasks of today's food processing room hygienic air unit. For this reason your AcuAir unit is supplied with application specific filters. With AcuAir hygienic units you can be assured you are delivering quality filtered and conditioned air to your most sensitive process areas.

Prefilters

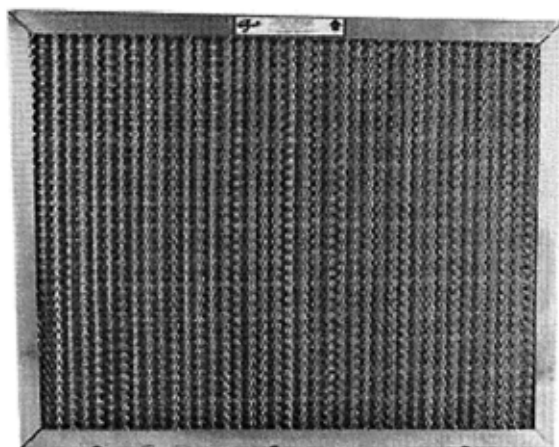
Merv 8 (30%) prefilters provide primary protection of the hygienic unit interior as well as extend the life of the final filters. These filters remove airborne particles from the returning air stream that could lead to colonized contaminants. The prefilters also remove particles from the fresh makeup air stream that could reduce the efficiency of critical air conditioning surfaces within the AcuAir unit.



Final Filters

Various grades of final filters are used in delivering conditioned air to the clean space. MERV 14 (95%) filters retain 95% of .3 – 1.0 micron size particles. MERV 17 and MERV 18 filters are also available. An optional antimicrobial treatment of the media inhibits the propagation of microbes captured in the filter and prevents filter degradation.

Filtration Options:



Washable:

For bakery and breading applications, placing washable mesh filters in the AcuAir Return Air Box protects the return air ductwork, prolongs the life of the prefilters, and promotes efficient operation of the air handler.

Extra Clean:

For critical applications, such as ready-to-eat and yeast culture rooms, AcuAir offers final filtration in the .3 micron range with either MERV 17 (HEPA 99.97%) or MERV 18 (ULPA 99.99%) filters. These fine filtration media options capture and contain even the smallest microbiological airborne contaminants from the airstream. You can be assured that your quality is not being compromised with air conditioned by your AcuAir hygienic unit.

