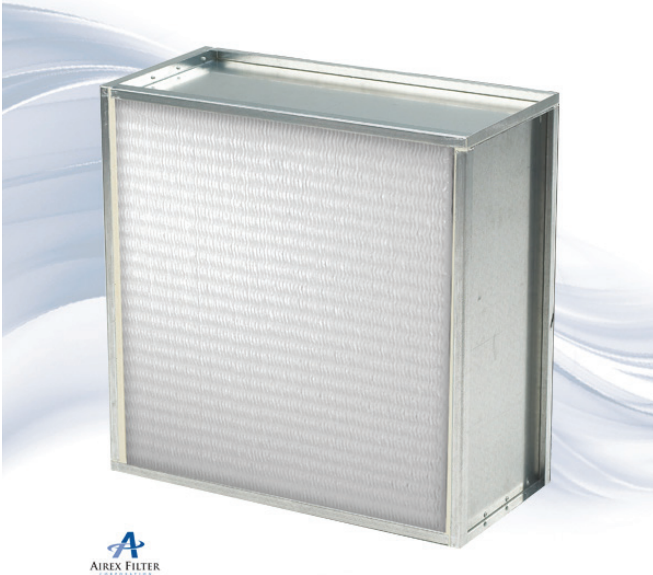


Airex Filter Corporation
Pureform HEPA
 High Capacity HEPA Filters



Typical Performance Data

Model Number	Actual Dimensions	Efficiency Rating
PF242412	24x24x12	99.97%
PF1222412	12x24x12	99.97%

The Pureform Filter offers many advantages over conventional Separator Style HEPA Filters:

- More usable media area for longer service life because of higher dust holding capacity
- Reduced cost of ownership because of longer service life
- Maximum utilization of the media
- Can handle some harsh environments which may attack aluminum separators
- Media is 28 mils thick, which is significantly thicker than conventional 15 mil media used in Separator Style HEPA's

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High Capacity Design

The Airex Pureform High Capacity HEPA filter is available in a nominal 12" depth configuration. It is designed for optimum performance and low operating costs in both new and replacement systems. The Pureform HEPA saves space, energy, and material and labor costs with 40% more media area than the standard capacity Cell filter.

Save Space

The Airex Pureform High Capacity HEPA filters operate at 500 fpm (2000 cfm for a 24" x 24" size) at 1.35 inch w.g. clean pressure drop versus conventional Cell filters that operate at 250 fpm and .80 inch w.g. clean pressure drop.

Construction

A popular construction consists of 16 ga. galvaneal frames and moisture-resistant microfine Pureform Separatorless media. The filter pack is bonded to the frame by a fire-retardant urethane elastomer to provide a rigid leak-free assembly.

Save Energy

The Airex Pureform High Capacity HEPA filters in a conventional HEPA filter bank impose a lighter load on the fan when operated at conventional 250 fpm velocities during the life of the filters. The high capacity 24" X 24" X 11.5" filter has a clean pressure drop of 1.0 inch w.g. at 1500 cfm, compared to standard Cell filters with a clean pressure drop of 1.50 inch w.g. at the same air flow.

Save Replacement Material and Labor Costs

Savings are significant with high capacity Pureform HEPA filters. They operate at lower velocities and provide life cycles up to three times the life of standard capacity filters. Savings are achieved in replacement materials and labor costs as a result of fewer filters.

Frame Materials:

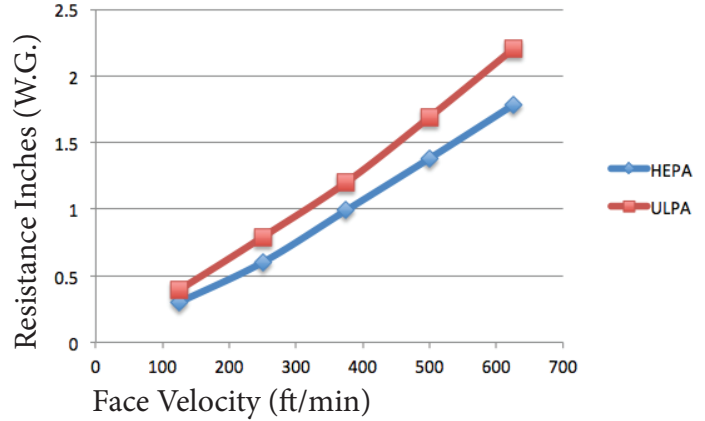
Alpha 2000 Filters are available in a variety of wood and metal frame materials such as particleboard, plywood, galvanized steel and stainless steel.

For more information, please visit our informational website

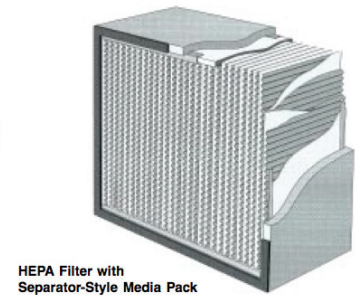
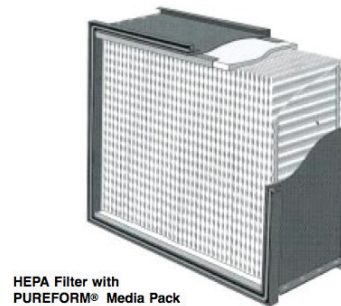
www.AirexFilter.com



Airex Filter Corporation
Pureform HEPA
High Capacity HEPA Filters



- Efficiencies are 99.97% and 99.99% on 0.30 and 99.9995% on 0.12 micrometer particles.
- High capacity Pureform HEPA filters can reduce the filter bank size
- Available as a separatorless media filter with a self-supporting media pack
- Available in a variety of frame materials in gasket or fluid seal design.



Underwriters Laboratories, Inc. (UL) is an agency that lists products they have tested against criteria deemed appropriate for public safety. The classification for HVAC air filters confirms that the filters will meet local and state requirements for most applications.

UL 900 covers both washable and throwaway filters, used for the removal of dust and other airborne particles from mechanically circulated air in equipment and systems. This is in accordance with the Standards of the National Fire Protection Association (NFPA) for Installation of Air Conditioning and Ventilating Systems, of Other Than Residence Type, NFPA No. 90A, and for Installation of Residence Type Warm Air Heating and Air Conditioning Systems, NFPA No. 90B.



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