



Clean-Pak™ / Venti-Pak®

Extended Surface Pocket Filters

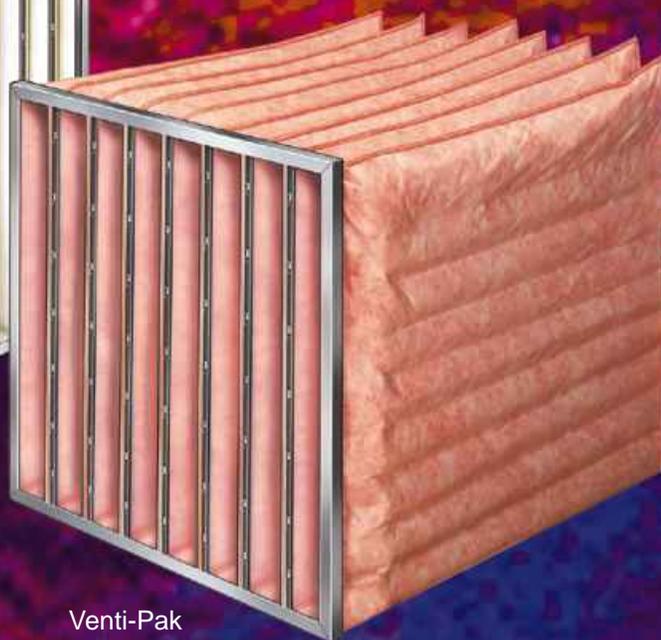
- Clean-Pak - Microfine Synthetic Media
- Venti-Pak - Ultrafine Microglass Media

*Innovative
Clean Air
Solutions*

Best Value in
High Efficiency
Air Filtration



Clean-Pak



Venti-Pak



UL CERTIFICATE
A4915



Clean-Pak™ (Synthetic)
Venti-Pak® (Microglass)
Extended Surface Pocket Filters

Airguard bag filters provide your best value in high efficiency filtration

With so many styles of medium and high efficiency extended surface pocket filters available, Airguard offers the industry's best value for efficiency, high dust holding capacity, long service life and low resistance.

Here's why Airguard bags can't be beat ...

Select from Five Efficiencies

-  90-95% (MERV 14)
-  80-85% (MERV 13)
-  60-65% (MERV 12)
-  50-55% (MERV 11)
-  40-45% (MERV 10)

Unusually Large Product Selection

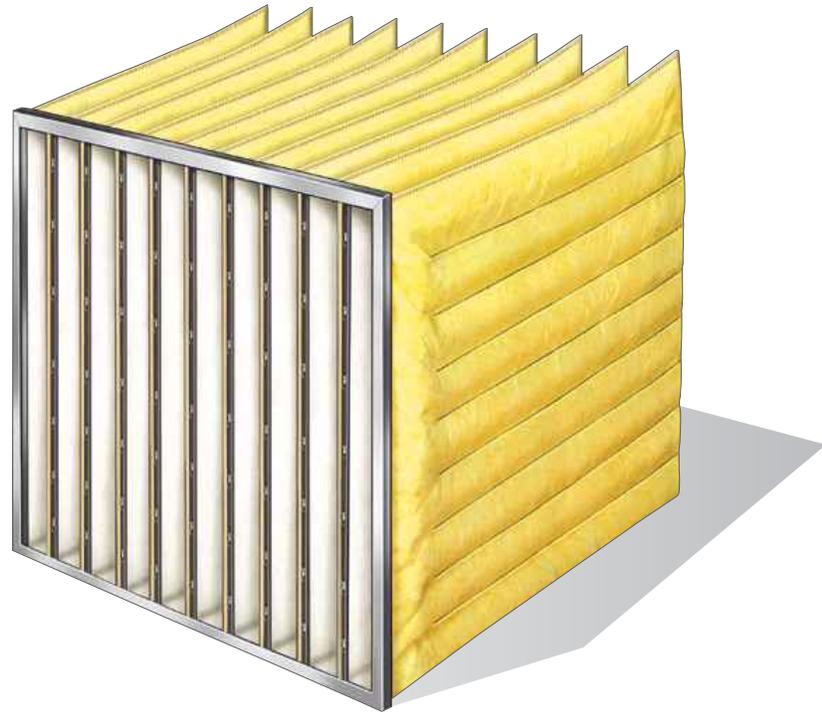
Select from a wide variety of sizes, pocket counts and pocket lengths in each efficiency. *Nobody has more models than Airguard.*

Rugged Construction

The header and pocket retainers are made of galvanized steel for high strength, durability and rust resistance. The roll formed header is a single piece U-channel with multiple bends for extra rigidity. A built-in stop inside the header channel prevents racking.

Fail Safe Pocket Attachment

Adjacent pocket retainers are fastened together with a high strength mechanical staking process that secures the pockets and prevents separation at very high resistance or under turbulent conditions. A rugged spun bonded synthetic scrim backing on the air leaving side of the pockets protects the media from tearing or erosion.

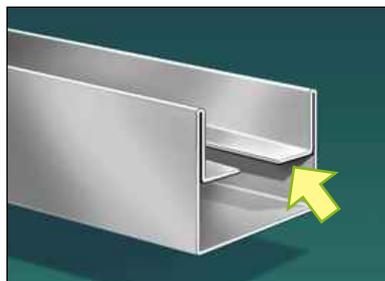


Total Pocket Inflation

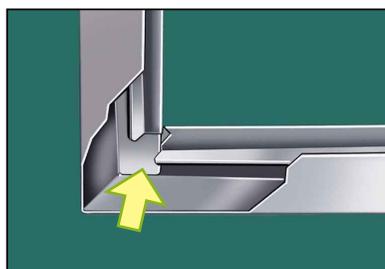
Formation of the pockets (by span stitching or sonic welding) creates a wide open entrance into each pocket. Uniformly shaped channels permit maximum air flow with minimum resistance. Total pocket inflation results in complete use of the media, high dust holding capacity and long service life.



The pockets are divided into uniformly shaped channels to direct air flow through the filter and fully inflate each pocket.



A seat inside the header channel provides a rigid foundation to attach the pocket retainers and add rigidity to the assembly.



A tab in each corner of the header channel serves as a built-in stop to prevent racking and increase rigidity.



The adjacent retainers holding each pocket are fastened together by a mechanical staking method that firmly secures the pockets under all operating conditions.

Clean-Pak™ (Synthetic)

Sonic Welded Pocket Construction - U.L. Class 1 and Class 2 **Sewn Media Pocket Construction - U.L. Class 2**

Sonic Sealed Models

Dual Layer Meltblown Media (Sonic sealed and sewn construction)

Clean-Pak filters are made with dual layer high loft synthetic media for maximum dust holding capacity. The upstream layer is a meltblown facing that protects the final filter layer and prevents erosion. The final filter layer is high loft meltblown synthetic fibers that provide high efficiency and high dust holding capacity with low resistance.

Media Integrity is Unaffected by Moisture (Sonic sealed and sewn construction)

The 100% synthetic media is unaffected by high humidity or moisture.

Sonic Welded Pocket Construction

Sonic sealed pockets are formed by an ultrasonic sealing process that securely bonds the layers of media creating high burst strength. Pocket integrity is maintained at high resistance or under turbulent conditions.

Tripled Sealed Sonic Weld - For extra protection against pocket failure, the sonic sealing process is applied in a triple weld pattern.

Fabric Ribbon Separators - Ribbons of polypropylene fabric are sonic welded inside the pockets to create aerodynamic channels allowing air to flow smoothly through the filter. Pocket inflation is precisely controlled to prevent adjacent pockets from touching during operation. Media is fully utilized. No blocking off.

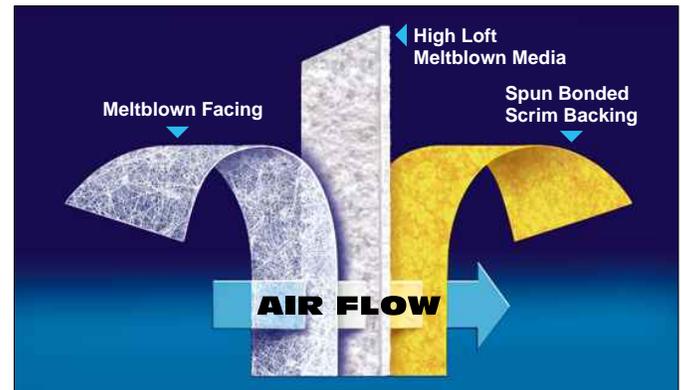
Sewn Pocket Models

Sewn Pocket Construction

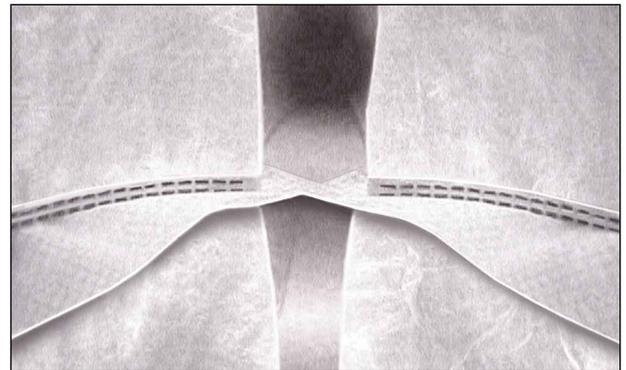
Sewn pocket models are formed with an over edge double lock stitch that provides high burst strength. Pocket inflation is controlled with a span stitch design to maintain separation between adjacent pockets. A thermoplastic sealant applied over the stitch lines locks the stitches and prevents leakage.

Available with Antimicrobial Treatment

90%, 80% and 60% Clean-Pak filters are available with an antimicrobial treatment to reduce microbial growth on the filters.



Clean-Pak media (60%, 80%, 90%) has a meltblown facing followed by a high loft meltblown final filter of microfine synthetic fibers. (40% and 50% filters use a single layer media.)



Fabric ribbon separators welded inside the pockets create aerodynamic channels for smooth air flow and low resistance.



▶ The continuous sonic welding process completely bonds all pocket edges with a high integrity triple seal weld design.

▶ Sewn pockets are formed with a double lock stitch design for high burst strength.



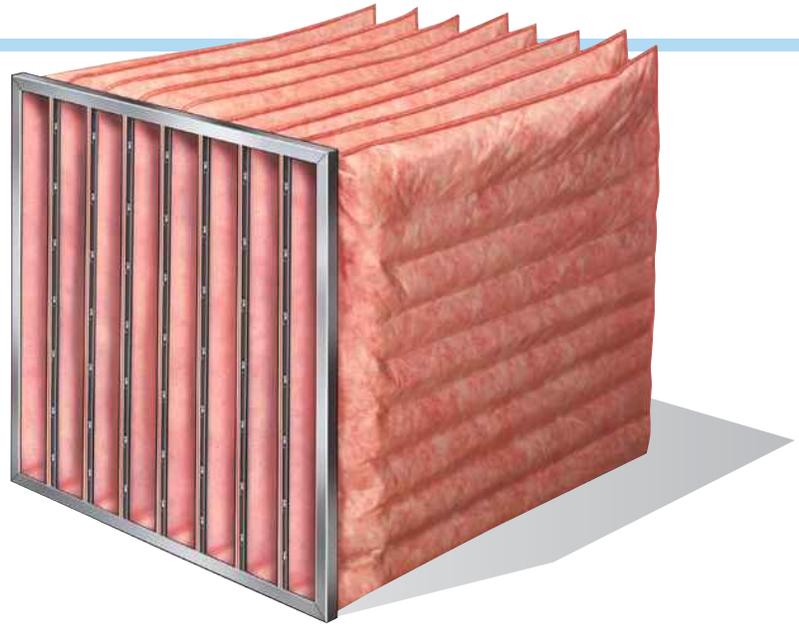
Venti-Pak® Fiber Glass Media - U.L. Class 2

Extended Surface Pocket Filters

Venti-Pak filters are made with high loft ultrafine glass fiber media designed to provide high dust holding capacity and long service life. The pockets are made with the same construction as Clean-Pak sewn pockets. (Over edge double lock stitching for high burst strength; span stitching for proper control of pocket inflation and separation.)



Pockets are formed with a double lock stitch design for proper pocket inflation and high burst strength.



Standard Models

24 x 24 Sizes - Number of Pockets

| Pocket Length (In.) | 90 - 95% MERV 14 | 80 - 85% MERV 13 | 60 - 65% MERV 12 | 50 - 55% MERV 11 | 40 - 45% MERV 10 |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 36 | 9, 8, 7, 6 | 9, 8, 7, 6 | 9, 8, 7, 6 | | |
| 32 | 10 | 10 | 10 | | |
| 29 | 10, 8, 6 | 10, 8, 6 | 10, 8, 6 | **10, 8, 6 | |
| 25 | 10 | 10 | 10 | | |
| 22 | 10, 8, 6 | 10, 8, 6 | 10, 8, 6 | 8, 6 | |
| 21 | | | | 6 | *6 |
| 20 | | | | | **5 |
| 18 | 9, 6 | 9, 6 | 9, 6 | 9, 6 | |
| 15 | 12, 10 | 12, 10 | 10 | 10 | |
| 14 | **6 | **6 | **6 | 6 | *6 |
| 12 | | | | | **5 |
| 10 | | | | 6 | *6 |

*Venti-Pak only

**Clean-Pak only



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