










MANN+HUMMEL  
Air Filtration Americas  
All Products Guide

# High Purity Filtration All Products Guide

<b>Microbarrier Series - HEPA &amp; ULPA Filters</b>	 <p><b>Microbarrier HEPA/HEPAMAX™</b></p> <ul style="list-style-type: none"> <li>• Microglass media</li> <li>• Separator style pack</li> <li>• Gasket or gel seal</li> <li>• Galvanized, galvaneal, wood or aluminum frame</li> </ul>	 <p><b>Microbarrier HEPA/HEPAMAX™ HT</b></p> <ul style="list-style-type: none"> <li>• Microglass media</li> <li>• Separator style pack</li> <li>• Gasket seal</li> <li>• 500°F temperature rating</li> <li>• 304 stainless steel frame</li> </ul>
	 <p><b>Microbarrier HEPA MP/HEPAMAX™ MP</b></p> <ul style="list-style-type: none"> <li>• Microglass media</li> <li>• Mini pleat pack</li> <li>• HEPA construction</li> <li>• Galvanized, galvaneal, wood or aluminum frame</li> </ul>	 <p><b>Microbarrier HEPA 2000</b></p> <ul style="list-style-type: none"> <li>• Microglass media</li> <li>• V-Bank</li> <li>• Mini pleat pack</li> <li>• Aluminum frame</li> </ul>
	 <p><b>Microbarrier 95</b></p> <ul style="list-style-type: none"> <li>• MERV 16</li> <li>• Microglass media</li> <li>• Metal &amp; wood frame options</li> <li>• ASHRAE construction</li> </ul>	 <p><b>Microbarrier 95XL/95XL MAX</b></p> <ul style="list-style-type: none"> <li>• MERV 16</li> <li>• Microglass media</li> <li>• Metal &amp; wood frame options</li> <li>• HEPA construction</li> </ul>
	 <p><b>Microbarrier 95XL MAX MP</b></p> <ul style="list-style-type: none"> <li>• MERV 16</li> <li>• Microglass media</li> <li>• Mini pleat pack</li> <li>• HEPA construction</li> </ul>	

Microclass Series - HEPA & ULPA Modules



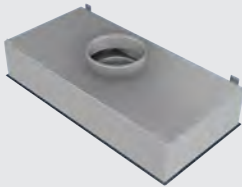
**Microclass Panel**

- Terminal module in HEPA & ULPA efficiencies
- Additional options:
  - Frame material
  - Media pack depths
  - Gel or gasket seal



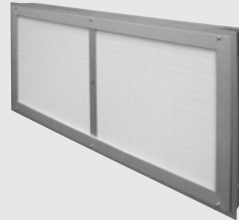
**Microclass TM**

- Terminal module in HEPA & ULPA efficiencies
- Additional options:
  - Frame material
  - Media pack depths
  - Insulation type
  - Collar size



**Microclass GSR**

- Room side replaceable hood for gel seal HEPA panel
- Additional options:
  - Frame material
  - Media pack depths
  - Insulation type
  - Collar size



**Microclass GSR2**

- Room side replaceable hood for gel seal HEPA panel
- Additional options:
  - Frame material
  - Media pack depths
  - Insulation type
  - Collar size

Microlock Series - HEPA Housings & Holding Frames



**Microlock HEPA Holding Frame**

- Two depths
- Locking mechanism
- Stainless steel available
- Gasket & gel seal



**Microlock HEPA SA Bolt Lock Housing**

- HEPA housing with bolt lock mechanism
- Gasket only



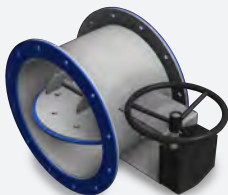
**Microlock HEPA SA Crank Lock Housing**

- HEPA housing with crank lock mechanism
- Gasket & gel seal



**Microlock HEPA Bag In/Bag Out Housing**

- BIBO HEPA containment housings
- Gasket & gel seal



**Microlock Damper**

- 12 ga. 304 stainless steel
- 16 ga. 304 stainless steel damper blades
- Continuously welded construction
- Standard sizes 6" to 36"
- Standard with manual actuator
- Silicone gasket seal










**Microlock Low Wall Return**

- 14 & 11 gauge stainless steel
- Continuously welded construction
- Available in half and full sizes
- Cosmetic access door & grille







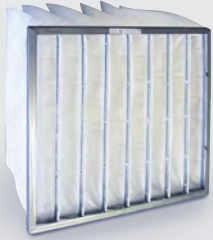
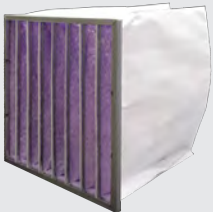
# Molecular Filtration

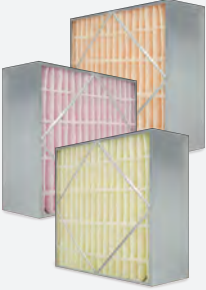
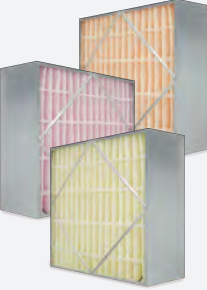








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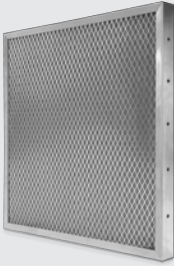

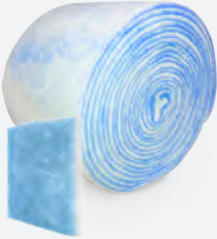



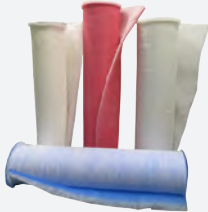

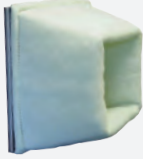
MolecularClass Series - Carbon Filters	 <p><b>MC Select</b></p> <ul style="list-style-type: none"> <li>• Panel filters - carbon media with pre/post filters</li> <li>• Impregnated polyester media</li> <li>• Bulk granulated carbon</li> </ul>	 <p><b>MC Prime</b></p> <ul style="list-style-type: none"> <li>• Pleated filters - 215 GSM CTC 60 carbon</li> <li>• 1", 2" &amp; 4" depths</li> <li>• Options: <ul style="list-style-type: none"> <li>- MC PrimeLD   Lite duty</li> <li>- MC PrimeHD   Heavy duty</li> <li>- MC Prime 50/50   MERV 8, 50/50 blend diesel filters</li> <li>- MC Prime13   MERV 13</li> </ul> </li> </ul>
	 <p><b>MC Tri-Dek®</b></p> <ul style="list-style-type: none"> <li>• Impregnated polyester media</li> <li>• Bulk granulated carbon</li> </ul>	 <p><b>MC ProCell</b></p> <ul style="list-style-type: none"> <li>• Rigid filters with carbon</li> <li>• Impregnated polyester media</li> <li>• Bulk granulated carbon</li> <li>• Up to MERV 15</li> </ul>
	 <p><b>MC VB</b></p> <ul style="list-style-type: none"> <li>• V-Bank filters with carbon</li> <li>• Impregnated polyester media</li> <li>• Bulk granulated carbon</li> <li>• Up to MERV 15</li> </ul>	 <p><b>MC TL</b></p> <ul style="list-style-type: none"> <li>• Mini pleat thin line filters with carbon</li> <li>• 2" &amp; 4" depths</li> <li>• Impregnated polyester media</li> <li>• Bulk granulated carbon</li> <li>• MERV 8/9</li> </ul>
MolecularClass Series - HEPA Housings & Holding Frames	 <p><b>Microlock Carbon Housings</b></p> <ul style="list-style-type: none"> <li>• Available in galvanized, stainless, and aluminized</li> <li>• Available with 2" or 4" prefilter</li> <li>• 12 filters per 1 High section</li> <li>• Nominal ¾" carbon trays</li> <li>• Gasketed doors</li> </ul>	

# HVAC Filtration

## All Products Guide

<p>Select Series - Panel Filters, Pads &amp; Rolls</p>	 <p><b>Select Panels</b></p> <ul style="list-style-type: none"> <li>Options: <ul style="list-style-type: none"> <li>SelectF   Fiberglass, channel frame</li> <li>SelectFDC   Fiberglass, 1-piece or 2-piece die cut frame</li> <li>SelectPDC   Polyester, 1-piece or 2-piece die cut frame</li> </ul> </li> </ul>	 <p><b>Select Pads &amp; Rolls</b></p> <ul style="list-style-type: none"> <li>Options: <ul style="list-style-type: none"> <li>SelectF Pads &amp; Rolls   Fiberglass pads &amp; rolls</li> <li>SelectHH Pads &amp; Rolls   Hog hair pads &amp; rolls</li> </ul> </li> </ul>
<p>Prime Series - Pleated Filters &amp; Air Cleaners</p>	 <p><b>Prime Pleats</b></p> <ul style="list-style-type: none"> <li>Synthetic media</li> <li>2-piece die cut frame</li> <li>Options: <ul style="list-style-type: none"> <li>Prime8   MERV 8, standard cap.</li> <li>Prime8HC   MERV 8, high cap.</li> <li>Prime10   MERV 10, standard cap.</li> <li>Prime11   MERV 11, standard cap.</li> <li>Prime11HC   MERV 11, high cap.</li> <li>Prime13   MERV 13</li> </ul> </li> </ul>	 <p><b>PrimeAC Air Cleaners</b></p> <ul style="list-style-type: none"> <li>Options: <ul style="list-style-type: none"> <li>PrimeAC8   MERV 8 air cleaner</li> <li>PrimeAC10   MERV 10 air cleaner</li> <li>PrimeAC11   MERV 11 air cleaner</li> <li>PrimeAC13   MERV 13 air cleaner</li> </ul> </li> </ul>
<p>ProPocket Series - Bag Filters</p>	 <p><b>ProPocket Elite</b></p> <ul style="list-style-type: none"> <li>MERV 11, 13, &amp; 14</li> <li>Fiberglass media</li> <li>Metal header</li> </ul>	 <p><b>ProPocket Ultra</b></p> <ul style="list-style-type: none"> <li>MERV 10-15</li> <li>Synthetic media</li> <li>Metal frame</li> <li>Multi-layer bags</li> </ul>
 <p><b>ProPocket Dual Ultra</b></p> <ul style="list-style-type: none"> <li>MERV 11-15</li> <li>Fiberglass media</li> <li>Metal header</li> <li>AT available</li> </ul>	 <p><b>ProPocket Hybrid</b></p> <ul style="list-style-type: none"> <li>MERV 11-16</li> <li>Synthetic media</li> <li>Metal frame</li> <li>Multi-layer bags</li> </ul>	

<b>ProCell Series - Rigid Box Filters</b>	 <p><b>ProCell Elite</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 13 &amp; 14</li> <li>• Fiberglass media</li> <li>• Plastic or metal frame</li> </ul>	 <p><b>ProCell Ultra</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 12, 13 &amp; 15</li> <li>• Synthetic media</li> <li>• Plastic or metal frame</li> </ul>
<b>ProCell Plus Series - ASHRAE Box Filters</b>	 <p><b>ProCell Plus ASHRAE</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 13 &amp; 14</li> <li>• Moisture-resistant fiberglass media</li> <li>• Aluminum separators</li> </ul>	 <p><b>ProCell Plus HT &amp; MIF</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 13 &amp; 14</li> <li>• Moisture-resistant fiberglass media</li> <li>• Metal frame</li> <li>• High temperature version</li> <li>• Machine intake version</li> </ul>
<b>ThinLine Series - Mini Pleat Thin Line Filters</b>	 <p><b>TL Elite</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 13, 14 &amp; 15</li> <li>• Fiberglass media</li> <li>• Beverage board, plastic, or metal frame</li> <li>• Options: <ul style="list-style-type: none"> <li>- TL2 Elite   2" depth</li> <li>- TL4 Elite   4" depth</li> <li>- TL6 Elite   6" depth</li> </ul> </li> </ul>	 <p><b>TL Ultra</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 13, 14 &amp; 15</li> <li>• Synthetic media</li> <li>• Beverage board, plastic, or metal frame</li> <li>• Options: <ul style="list-style-type: none"> <li>- TL2 Ultra   2" depth</li> <li>- TL4 Ultra   4" depth</li> <li>- TL6 Ultra   6" depth</li> </ul> </li> </ul>
<b>V-Bank Series - V-Bank Mini Pleat Filters</b>	 <p><b>VB2 Elite</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 13, 14 &amp; 15</li> <li>• Fiberglass media</li> <li>• Plastic single header frame</li> </ul>	 <p><b>VB2 Ultra</b></p> <ul style="list-style-type: none"> <li>• MERV 11-16</li> <li>• Synthetic media</li> <li>• Plastic single header frame</li> </ul>
<b>V-Bank Series - V-Bank Mini Pleat Filters</b>	 <p><b>VB4 Elite</b></p> <ul style="list-style-type: none"> <li>• MERV 11, 13, 14 &amp; 15</li> <li>• Fiberglass media</li> <li>• Plastic single header frame</li> </ul>	 <p><b>VB4 Ultra</b></p> <ul style="list-style-type: none"> <li>• MERV 11-16</li> <li>• Synthetic media</li> <li>• Plastic single header frame</li> </ul>

ProMetal Series - Metal Filters & Frames	 <p><b>ProMetal MWA &amp; MWG</b></p> <ul style="list-style-type: none"> <li>Options: <ul style="list-style-type: none"> <li>- MWA   Aluminum metal washable filter</li> <li>- MWG   Galvanized metal washable filter</li> </ul> </li> </ul>	 <p><b>ProMetal PHF &amp; PHFB</b></p> <ul style="list-style-type: none"> <li>Holds fiberglass, polyester &amp; hog hair media pad</li> <li>Options: <ul style="list-style-type: none"> <li>- PHF   Pad holding frame without bar</li> <li>- PHFB   Pad holding frame with bar</li> </ul> </li> </ul>
	 <p><b>ProMetal MSG &amp; MSS</b></p> <ul style="list-style-type: none"> <li>Options: <ul style="list-style-type: none"> <li>- MSG   Galvanized moisture separator</li> <li>- MSS   Stainless steel moisture separator</li> </ul> </li> </ul>	 <p><b>ProMetal ECA</b></p> <ul style="list-style-type: none"> <li>Electrostatic aluminum filter</li> </ul>
Tri-Dek® Series - Filter Media	 <p><b>Tri-Dek® Media Pads &amp; Rolls</b></p> <ul style="list-style-type: none"> <li>Options: <ul style="list-style-type: none"> <li>- Tri-Dek® PBP   Poly blue/white media pad</li> <li>- Tri-Dek® PBR   Poly blue/white media roll</li> </ul> </li> </ul>	 <p><b>Tri-Dek® Media Pads &amp; Rolls</b></p> <ul style="list-style-type: none"> <li>Options: <ul style="list-style-type: none"> <li>- Tri-Dek® POP   Poly orange/white media pad</li> <li>- Tri-Dek® POR   Poly orange/white media roll</li> </ul> </li> </ul>
	 <p><b>Tri-Dek® Ring Panels &amp; Links</b></p> <ul style="list-style-type: none"> <li>MERV 8</li> <li>2, 3 &amp; 4-ply</li> <li>Panels, links &amp; ALAPS</li> </ul>	 <p><b>Tri-Dek® Cubes</b></p> <ul style="list-style-type: none"> <li>2, 3 &amp; 4-ply</li> <li>AT available</li> </ul>
Misc. Filters	 <p><b>Auto Rolls</b></p>	 <p><b>Tri-Dek® Sleeve Filters</b></p>
		 <p><b>Reverse Cube Filters</b></p>

<b>Microlock Series - ASHRAE Housings &amp; Holding Frames</b>	 <p><b>Microlock ASHRAE Holding Frames</b></p> <ul style="list-style-type: none"> <li>• Universal &amp; T8</li> <li>• Full range of filter clips</li> </ul>	 <p><b>Microlock ASHRAE FB Housing</b></p> <ul style="list-style-type: none"> <li>• Standard flat bank</li> <li>• Mist removal</li> <li>• Combo housings</li> </ul>
	 <p><b>Microlock ASHRAE VB Housing</b></p> <ul style="list-style-type: none"> <li>• V-Bank housing for 2" &amp; 4" deep filters</li> </ul>	 <p><b>Microlock ASHRAE SA Housing</b></p> <ul style="list-style-type: none"> <li>• 2/4" &amp; 1" final filter track</li> <li>• Boxes &amp; bags</li> <li>• Side access housing</li> </ul>
<b>Air Purifiers</b>	 <p><b>TK500</b></p> <ul style="list-style-type: none"> <li>• 500 CFM</li> <li>• HEPA filter</li> <li>• UV lights</li> <li>• Negative pressure</li> <li>• Mobile</li> </ul>	 <p><b>SQ500</b></p> <ul style="list-style-type: none"> <li>• Real HEPA</li> <li>• 4 speed fan</li> <li>• Real time IAQ monitoring</li> <li>• Mobile</li> </ul>

**LOCAL REPRESENTATIVE**

MANN+HUMMEL is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. MANN+HUMMEL products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.