



When there's no time for downtime

We can help reduce operating and
energy costs with 99.999% uptime.

BUILDING THE FUTURE OF AIR FILTRATION



**We are here to reduce
operating and energy
costs with our air
filtration solutions**



by up to
40%

We customize solutions for your needs



BEST IN CLASS

Maximize operating efficiency and minimize energy costs

Pleated Pre-filter Endurex HD MERV 9/9A

- » **Endurex HD** provides a very low pressure drop of 0.19" versus 0.28" with traditional pleats.
- » A longer lifespan of the Endurex HD versus a traditional pleated filter means fewer changes, thanks to our maximum media area. Less disposal will contribute to a better environment.

Mini-pleat Final Filter, SuperFlo MERV 12 to 15

- » A **SuperFlo** filter has more media and a lower pressure drop. It will also cut your labor time in half.

PreVent, Air Intake Washable Filter

- » **For Cooling Towers:** Reduce strainer cleanings and increase water quality.
- » **For Chillers:** Decrease or even eliminate traditional coil cleanings.
- » **For Fresh Air:** Extend the life of the current first stage of filtration.



Increase airflow in heavy dust environments

Pleated Pre-filter Endurex HD MERV 9/9A + Revolution NanoWave bag

- » NanoWave is a synthetic mechanical media used in our **Revolution** bag filter.
- » Design allows for 2.5X the surface area for a fine filtration layer.
- » Dust holding capacity above 750 grams for an 8 pocket 22" depth filter.
- » The support fibers add rigidity so pockets open uniformly in the duct.



Reduce maintenance labor

PreVent, Air Intake Washable Filter + V-Bank Filter

- » Custom-sized permanent filter is washable.
- » Requires minimal labor.
- » Adds only 0.04"-0.06" of water gauge pressure to the system.
- » A single row of high-volume MERV 15 V-Bank maximizes energy efficiency.
- » PreVent lifespan is 5+ years / MERV 15 V-Bank lifespan is 2 years.



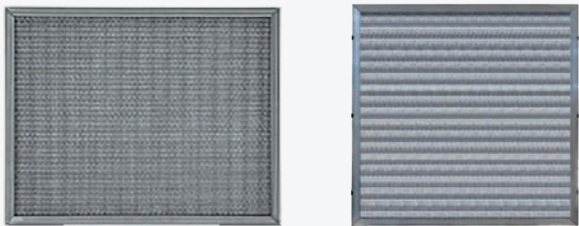
High-grade products for increased efficiency

Protect your equipment from cottonwood, bugs, dust, dirt, and debris. See how our selection of premium products can help.

PreVent Prefilters keep debris out of your cooling towers, fresh air intakes, and condensing coils.

Metallic Filters are known for their ability to be cleaned and have very low pressure drops.

PREVENT®	PreVent Model BHC	PreVent Model BHA	PreVent Model PF
Recommended Applications	Condenser Coils & Fresh Air Intake	Cooling Tower	Filter Rack
Descriptions	1 or 2 layers of woven black honeycomb (BHC) polypropylene electrostatic media	1 layer of black PVC-coated high abrasion (BHA) polyester	2 layers of woven black honeycomb (BHC) polypropylene electrostatic media
Attachment	MagnaMount® Screw Mount PreVent EZ-Rail System™	MagnaMount® Screw Mount PreVent EZ-Rail System™	1" or 2" thick galvanized steel frame that slides into existing filter racks
Pressure Drop	0.04"-0.06" WG at 1180 CFM	0.04"-0.06" WG at 1180 CFM	0.04"-0.06" WG at 1180 CFM
Certification	UL 900	UL 900	UL 900
Washable	Yes	Yes	Yes
UV-Protected	Yes	Yes	Yes
			

	Metal Mesh	Mech 8
Frame	Aluminum, Galvanized, and Stainless	Aluminum
MERV	Equivalent MERV 4	MERV 8
Pressure Drop	0.02" WG at 1180 CFM	0.14" WG at 1180 CFM
Dust Holding Capacity (Grams)	67	
Unique	• Washable and reusable • Can be cleaned with a brush or blow the dust out with compressed air	• Tested to last over 3 years • Washable and reusable • Blow the dust out with compressed air
		

Protect your facility from particulate

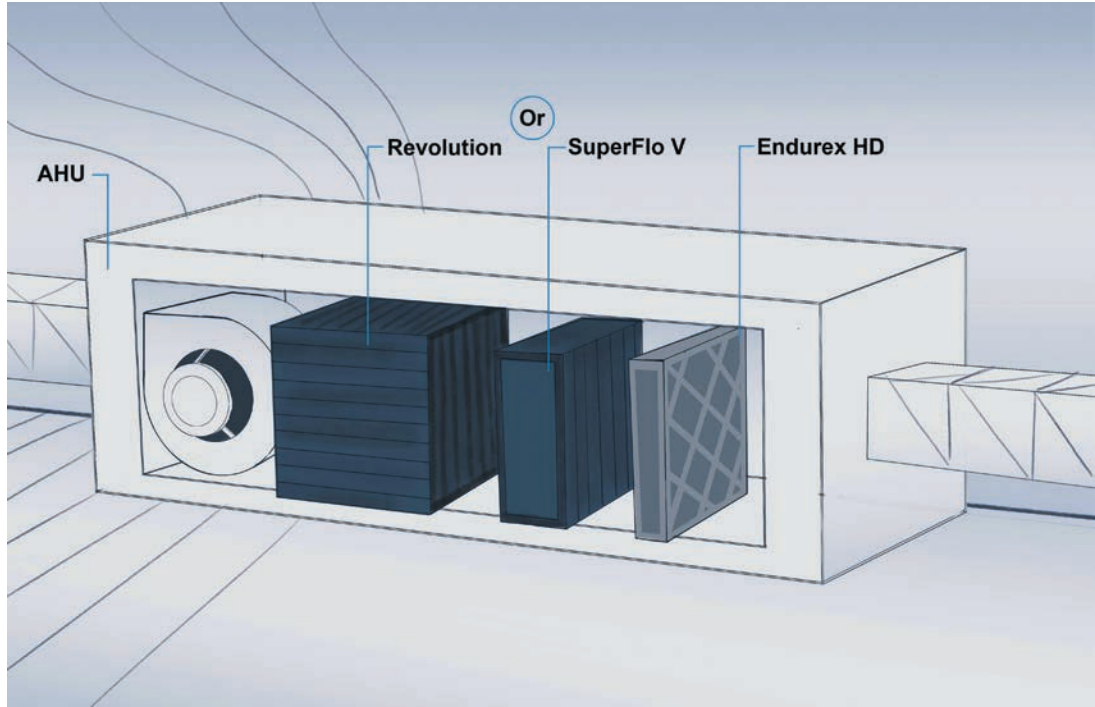
These products are ideal for AHUs, RTUs, and Fan Walls.

	Endurex	Endurex HD	SuperFlo	SuperFlo 4V	Revolution																																																																														
Frame	Pleated Beverage Board	Heavy Duty Beverage Board	100% Recycled Plastic	100% Recycled Plastic	Galvanized Steel																																																																														
MERV	8, 10 and 13	9/9A	From 12 to 15	11, 14, 15	11, 13, 14, 16																																																																														
High Dust Holding Capacity (DHC)			Up to 170 g		Up to 961 g																																																																														
Filter Media Area (Ft2)	Standard Capacity	High Capacity	From 25.5 to 59.9	From 94 to 194	58.7																																																																														
Pressure Drop	0.26" to 0.23"	0.15" and 0.19"	0.23", 0.24", 0.38"		0.183" to 0.34"																																																																														
Filter Depth	1", 2" and 4"	1", 2" and 4"	2" and 4" (Single Header or Box Style)	12" (Headered)	1" Headered Frame and Depth 12", 15" and 22"																																																																														
Performance Data	RESISTANCE / IN W.C. <table><caption>Endurex Performance Data (Approximate)</caption><tr><th>Airflow (CFM)</th><th>1" Depth (IN W.C.)</th><th>2" Depth (IN W.C.)</th><th>4" Depth (IN W.C.)</th></tr><tr><td>500</td><td>0.05</td><td>0.03</td><td>0.02</td></tr><tr><td>1000</td><td>0.10</td><td>0.06</td><td>0.04</td></tr><tr><td>1500</td><td>0.15</td><td>0.10</td><td>0.07</td></tr><tr><td>2000</td><td>0.20</td><td>0.13</td><td>0.09</td></tr><tr><td>2500</td><td>0.25</td><td>0.16</td><td>0.11</td></tr></table> RESISTANCE / IN W.C. <table><caption>Endurex HD Performance Data (Approximate)</caption><tr><th>Airflow (CFM)</th><th>2" Depth (IN W.C.)</th><th>4" Depth (IN W.C.)</th></tr><tr><td>500</td><td>0.02</td><td>0.01</td></tr><tr><td>1000</td><td>0.04</td><td>0.02</td></tr><tr><td>1500</td><td>0.07</td><td>0.04</td></tr><tr><td>2000</td><td>0.10</td><td>0.06</td></tr><tr><td>2500</td><td>0.13</td><td>0.08</td></tr></table> RESISTANCE / IN W.C. <table><caption>SuperFlo Performance Data (Approximate)</caption><tr><th>Airflow (CFM)</th><th>Resistance (IN W.C.)</th></tr><tr><td>500</td><td>0.05</td></tr><tr><td>1000</td><td>0.10</td></tr><tr><td>1500</td><td>0.15</td></tr><tr><td>2000</td><td>0.20</td></tr><tr><td>2500</td><td>0.25</td></tr></table> RESISTANCE / IN W.C. <table><caption>SuperFlo 4V Performance Data (Approximate)</caption><tr><th>Airflow (CFM)</th><th>Resistance (IN W.C.)</th></tr><tr><td>500</td><td>0.05</td></tr><tr><td>1000</td><td>0.10</td></tr><tr><td>1500</td><td>0.15</td></tr><tr><td>2000</td><td>0.20</td></tr><tr><td>2500</td><td>0.25</td></tr></table> RESISTANCE / IN W.C. <table><caption>Revolution Performance Data (Approximate)</caption><tr><th>Airflow (CFM)</th><th>Resistance (IN W.C.)</th></tr><tr><td>500</td><td>0.05</td></tr><tr><td>1000</td><td>0.10</td></tr><tr><td>1500</td><td>0.15</td></tr><tr><td>2000</td><td>0.20</td></tr><tr><td>2500</td><td>0.25</td></tr></table>					Airflow (CFM)	1" Depth (IN W.C.)	2" Depth (IN W.C.)	4" Depth (IN W.C.)	500	0.05	0.03	0.02	1000	0.10	0.06	0.04	1500	0.15	0.10	0.07	2000	0.20	0.13	0.09	2500	0.25	0.16	0.11	Airflow (CFM)	2" Depth (IN W.C.)	4" Depth (IN W.C.)	500	0.02	0.01	1000	0.04	0.02	1500	0.07	0.04	2000	0.10	0.06	2500	0.13	0.08	Airflow (CFM)	Resistance (IN W.C.)	500	0.05	1000	0.10	1500	0.15	2000	0.20	2500	0.25	Airflow (CFM)	Resistance (IN W.C.)	500	0.05	1000	0.10	1500	0.15	2000	0.20	2500	0.25	Airflow (CFM)	Resistance (IN W.C.)	500	0.05	1000	0.10	1500	0.15	2000	0.20	2500	0.25
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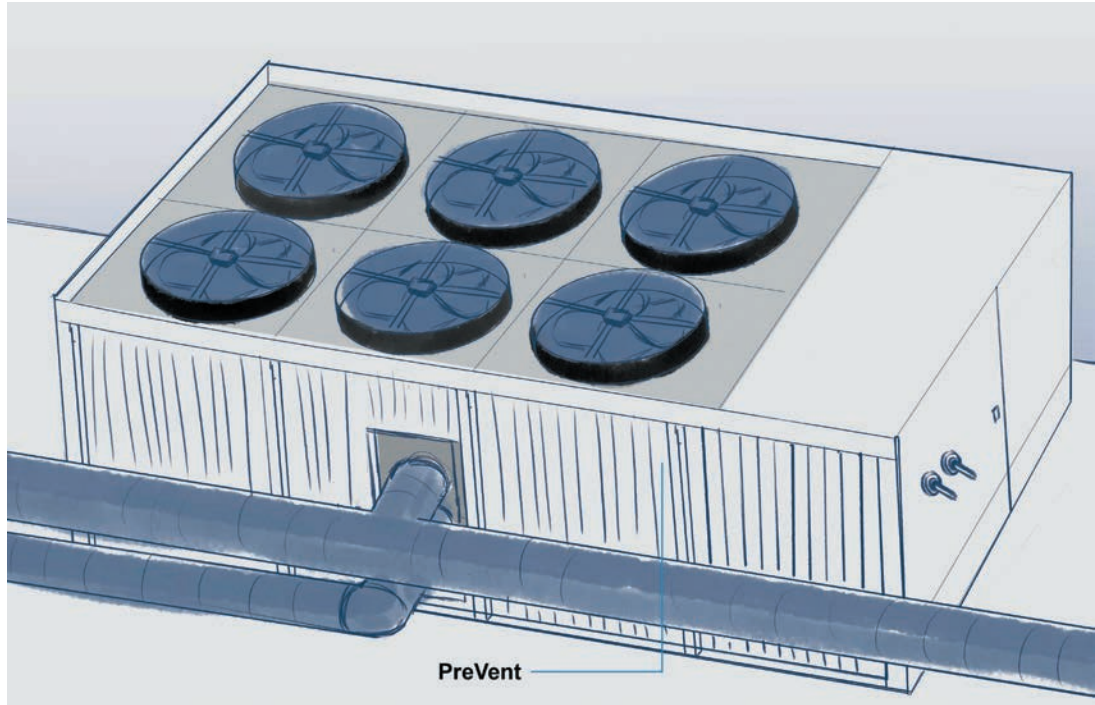
Protect your equipment from corrosion

Ideal for the server room.

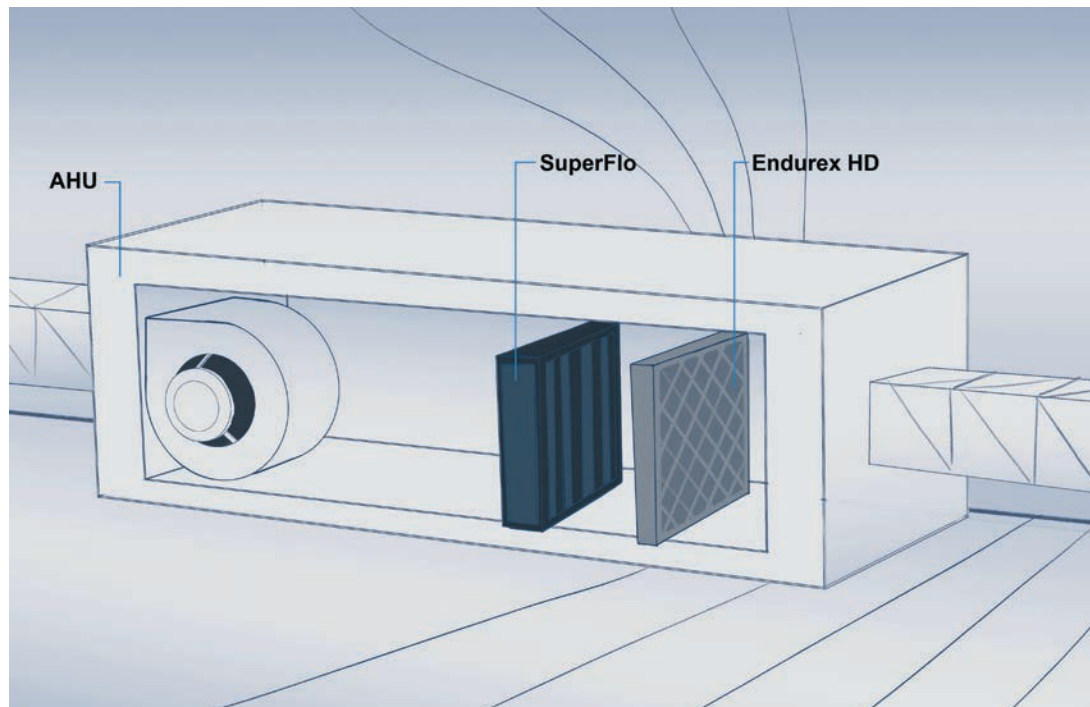
	HC(X)-Minipleat												
Type of Products	Compact-Industrial Minipleat												
Target Contaminants	Hydrogen sulfide, formaldehyde, nitrogen oxide & carbon monoxide & VOCs												
Blend	50% Activated carbon with 50% Activated alumina with 5% Potassium permanganate												
MERV	7, 8, 10 and 13												
Material	Synthetic												
Frame	Plastic												
Frame Depths	2" and 4"												
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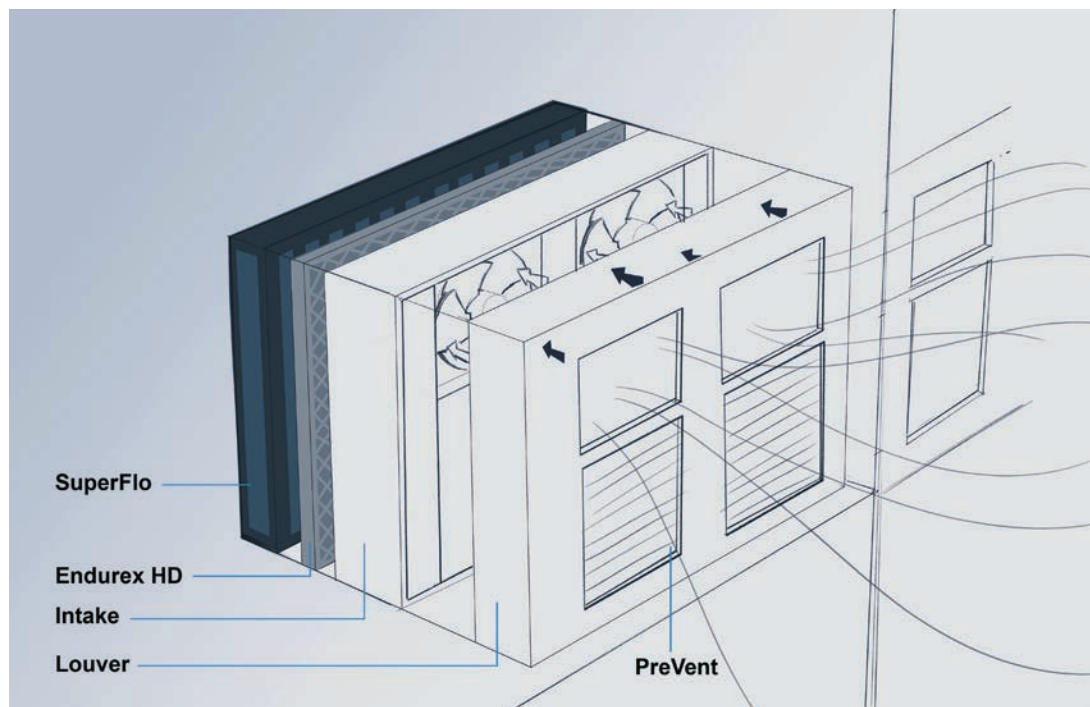
SYSTEM ABOVE SERVER: RACK AND AIR HANDLING UNIT



CHILLER



REMOTE MANAGEMENT CONSOLE: COOLING SOLUTION ABOVE OFFICE



FAN WALL



Why count on Rensa Filtration?

- » **1,000+ experts** in air filtration
- » **16 locations** in North America to serve you
- » **10% of our revenue** comes from innovation
- » **A unique engineering team** dedicated to solving the most complex problems
- » **Many ways** we can help design and develop custom solutions for your business
- » **Impressive industry-leading portfolio** including molecular/gas filtration, permanent reusable filtration, and energy efficiency driven solutions
- » **Environmentally conscious**, some of our frames are washable, reusable, and 100% recycled plastic

Don't just take our word. Join our 10,000+ customers who trust Rensa Filtration.

Classification: UL 900

Member of the NAFA, Indoor Air Quality.

Test to IEST-RP-001.7, EN 1822, ISO 29463, ISO 16890

What our customers are saying

“Rensa is one of our best vendors. They make filtration easy for us and always have our energy spend in mind”.

 **Mike T. Engineer**

Data center in Chicago, IL

“Cleaning our chillers was very time-consuming. By using the PreVent filters, we've reduced our cleaning cost by almost 75%.”

 **Paul B. Facility Director**

Data center in Manassas, VA

“All our computer room air conditioners are equipped with an Endurex HD and SuperFlo. We love their quality, low pressure drop and lead time.”

 **Chris D. Engineer**

Data center in Ashburn, VA

What sets us apart

Why our Heavy Duty pleated filters are unique

Wire

Our competition uses:

Welded wire or light gauge.

Rensa Filtration uses:

Heavy gauge flat piece of metal for better air flow resistance.

Media

Our competition uses:

Synthetic cotton blend or synthetic charged media.

Rensa Filtration uses:

Fully synthetic 100% mechanical with no charge added.

- » Helps moisture resistance.
- » Optimizes for efficiency versus resistance.
- » Gets a better efficiency at a lower pressure drop.

Board

Our competition uses:

0.024" average thickness beverage board.

Rensa Filtration uses:

0.028" average thickness beverage board.

- » Optimizes for high moisture environment.

» Headquarters +
Manufacturing location

» Factory-direct branch

» Manufacturing

Plus, we have hundreds of local distributors.

» Fresno, CA
» Sacramento, CA
» San Jose, CA
» San Diego, CA
» Fullerton, CA

» Las Vegas, NV

» Phoenix, AZ

» Moline, IL

» Aurora, IL

» Carol
Stream, IL

» Brantford, ON Canada

» Rochester, NY

» Mt. Clemens, MI

» Salisbury, MD

» Elk Grove Village, IL

» Houston, TX

Find us near you

To discover how we can support your data center, contact us.

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www.rensafiltration.com

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