The Difference

Which would you prefer for your HVAC units?

PERMATRON®

Model U-1: 3-Dimensional Electrostatic Polypropylene Media

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ASHRAE Std 62.2	Air Filtration	Criteria, now MI	ERV
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MODELS	U1	U2	BHA
Avg. Arrestance Efficiency	42%	72%	N/A
Dust Holding Capacity	67 gm.	100 gm.	N/A
Initial Air Flow Resistance	0.02" w.g.	0.05" w.g.	0.02" w.g.





Model U-1: 3-Dimensional Electrostatic Polypropylene Media



This is Model U-1 in operation. As it loads up, airflow is restricted or blocked & can quickly result in high-head pressure.

BHA Non-Woven Media

Model BHA is constructed with one layer of black PVC-coated polyester high-abrasion media. Black High-Abrasion = rough texture

PERMATRON



PERMATRON®

BHA Non-Woven Media



Cottonwood, Insects & Other Airborne Debris gets impinged by these Lock Stitches and wraps around them, trapping other debris





BHA Non-Woven Media

BHA Loaded Up

As BHA loads up, airflow is restricted or blocked, quickly resulting in high-head pressure.

Air Solution C O M P A N Y Heavy-Duty Commercial Grade

Engineered HVAC Mesh

Extraordinary low static pressure impact at low and high air volume & velocities



Air Solution

Heavy-Duty Commercial & Industrial Grade Media



Woven, non-porous, vinyl coated polyester fiber screen material, bonded at every intersection (Non-electrostatic media), Non-Stick Surface.

Specifically engineered for high volume and high velocity airflow with extraordinary low air resistance and static pressure impact

- UV Resistant
- Low Debris Adhesion
- Resists mold & mildew
- Flame resistant (Self-extinguishing)

Air Solution C O M P A N Y Heavy-Duty Commercial Grade





Loading Up



Non-Stick Surface



Non-Stick Surface

Air Solution C O M P A N Y Heavy-Duty Commercial Grade





Heavy-Duty Commercial Grade with Track Mount



The Track Mount Fastening System is long-lasting and secure, not moved by high winds and gusts.



Heavy-Duty Commercial Grade with Track Mount



The Track Mount Fastening System is long-lasting and secure, not moved by high winds and gusts.



Industrial Grade





PERMATRON[®] BHA Media & Magna Mount



Magna Mount fasteners leave a *significant* gap around the perimeter which catches the wind & gusts, puckers develop that catches even more of the wind! Just like a sail!





BHA Non-Woven Media



The MagnaMount leaves a *significant* gap around the perimeter

PERMATRON®

BHA Media & Magna Mount



Magna Mount fasteners move increasing that *significant* gap around the perimeter which catches more wind & gusts, leading to *bigger puckers* that catches more wind! Just like a sail!

PERMATRON®

BHA Media & Magna Mount



MagnaMount fasteners move and increase the gaps around the perimeter which catches the wind & gusts, leading to **bigger puckers** that catches even more wind! Just like a sail!

PERMATRON[®] BHA Media & Magna Mount



MagnaMount fasteners move and increase the gaps around the perimeter which catches the wind & gusts, leading to **bigger puckers** that catches even more wind! Just like a sail!

Does it Make A Difference? Which would you prefer for your HVAC units?