

ELECTROSTATIC FILTERS

ES-1, ES-2



BETCO LTD.

Distributors of engineered products



ELECTROSTATIC FILTER

EF-1, EF-2

Electrostatic polarized HVAC filters. Reduce energy consumption by up to 75% while improving indoor air quality from traditional pleated filters.

Using active polarization, these units capture 40x smaller particles than traditional filters and operate at a MERV-14 equivalency.

KEY FEATURES

Energy Efficiency

Reduce energy consumption by up to 75% by lowering the strain on your system compared to standard pleated filters.

Cost Saving

Electrostatic filters lower energy and replacement filter costs by reducing restrictions in airflow, and extending the life of each filter.

No Retrofits Necessary

Our 1 and 2 inch filters can be installed into any system and are available in both standard and non standard sizes.

Sustainable

Filter pads are made up of 70% recycled lofted glass fibres, and the reduced strain on your HVAC system lowers your energy consumption.

Outperforms Traditional Filters

Captures microscopic particulates like viruses, bacteria, dust, and mould that traditional filters cannot while reducing energy costs.

Can outperform MERV-13 filters by 2.25x.
Check out our case studies!



Manufactured in North America 🇨🇦

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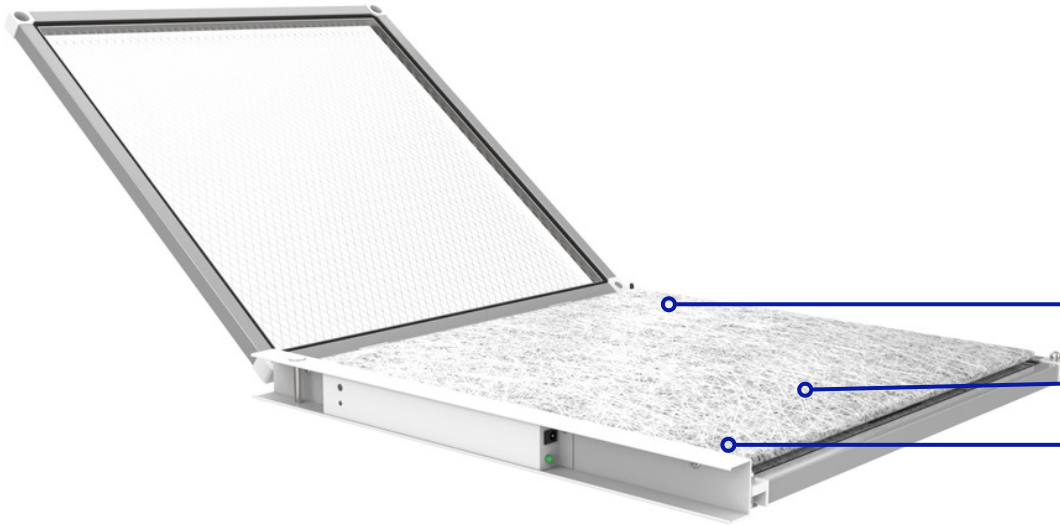
204-697-4344

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Sustainable
Filter Material

Simple Installation
and Maintenance

Seamless Integration

BLADE

		MERV 13	MERV 8
Pressure Drop	0.13 i.w.c	0.45 i.w.c	0.32 i.w.c
Filtration Performance	0.007 Microns	0.3 Microns	0.3 Microns
Air Quality Alerts	Yes	N/A	N/A
Energy Savings	Up to 75%	N/A	N/A



71% less static pressure
than MERV-13



59% less static pressure
than MERV-8

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BLADE



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TECHNICAL SPECIFICATIONS

MODEL NUMBER	EF-1 EF-2
PRESSURE DROP	0.13 i.w.c
VOC REDUCTION	46% in 48 hrs
FILTRATION PERFORMANCE	0.007 microns
ENERGY SAVINGS	Up to 75%
WEIGHT	0.4 lbs.
WIRELESS	802.11 B/G/N.
COLOUR	White/Metallic
EMISSIONS	No Ozone
CONTROL	BACnet INTEGRATION
HOUSING MATERIAL	Aluminum and plastic
DIMENSIONS	Standard 1" and 2", Custom Dimensions
CERTIFICATIONS	CSA, UL and FCC Approved
FILTER PAD MATERIAL	Breathable, lofted glass fibre
POWERHEAD	1" and 2" 2 watts (.08 amps @24V AC)

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For inquiries,
contact us.



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