

EliteCell

ASHRAE Mini Pleat Filters

OVERVIEW

The EliteCell extended surface mini pleat filters were created for use in commercial and industrial applications where medium to high efficiency filtration is necessary. Available in MERV 11, 13, 14 and 15 these filters come in nominal depths of 2 and 4 inches and are especially suited for use in VAV (variable-air-volume) systems. EliteCell filters come in multiple styles including plastic frame or beverage board frame as well as headered or box style. Their compact design promotes maximum air flow, while their lighter weight allows for ease of storage, handling and change-outs.

CONSTRUCTION

The EliteCell filters are designed with two media options: a synthetic polypropylene media that is moisture-resistant and will not support microbial growth or a lofted, ultrafine fiberglass media that provides excellent dust holding capacity. The pleats are separated and reinforced by a continuous glue bead that produces low initial pressure drop while maximizing the area of filtration. Synthetic materials used in construction make the EliteCell products durable and able to resist physical damage to the filter packs.

The EliteCell frames have two construction options: beverage board or PVC plastic. The beverage board option is available in standard box style and consists of two heavy-duty diecut frames securely bonded together that surround the media pack and create a sturdy, double-wall rigidity around the border of the filter. The beverage board frame is fully incinerable and environmentally friendly.

The plastic frame option is available in single header or box style and is designed to be a rugged and durable yet compact and light weight high efficiency filter. The plastic frame is also fully incinerable and environmentally friendly.

APPLICATION

The EliteCell extended surface minipleat air filters are ideal for use in applications where medium to high efficiency is required. They are also able to be used in VAV systems. Pamlico Air recommends the EliteCell filters for applications in which they meet the requirements such as commercial buildings, data centers, hospitality, schools & universities, healthcare, life sciences, microelectronics, and other commercial and industrial applications.

ADDITIONAL OPTIONS

- ProPac Series - ASHRAE rigid box style filters (see DSPAC)
- ProPac Plus Series - ASHRAE rigid box style filters (see DSPPL)
- EliteV Series - ASHRAE mini pleat V-bank filters (see DSELV)



PRODUCT SPOTLIGHT

- Available in 2" & 4" depths
- MERV 11, 13, 14 & 15
- Available with beverage board or plastic frame
- Light weight for easy handling, storage & disposal
- UL 900 Classified
- Max Temp: 175°F

CONSTRUCTION SPOTLIGHT



Mini pleat closeup

EliteCell

ASHRAE Mini Pleat Filters

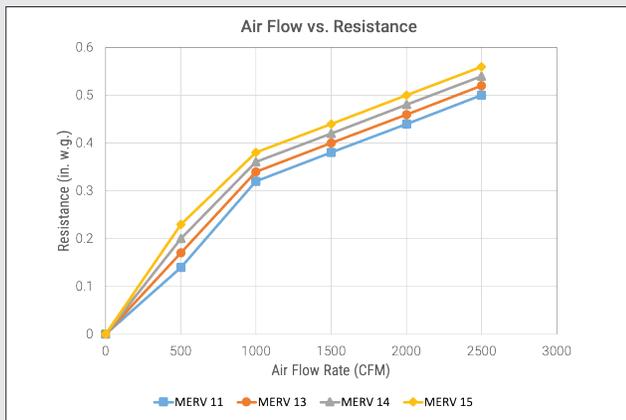
PERFORMANCE DATA

Nominal Depth	Nominal Size (WxH)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.) - EliteCell 2"				Resistance @ Capacity (in. w.g.) - EliteCell 4"			
		Width	Height	Depth		M11	M13	M14	M15	M11	M13	M14	M15
Plastic Frame without Header													
2" or 4"	12x24	11.38	23.38	1.75 or 3.75	1000	0.44	0.46	0.48	0.50	0.35	0.37	0.38	0.41
	16x20	15.38	19.38		1110								
	16x25	15.38	24.38		1390								
	20x20	19.38	19.38		1400								
	20x24	19.38	23.38		1665								
	20x25	19.38	24.38		1735								
	24x24	23.38	23.38		2000								
	25x25	24.38	24.38		2170								
Plastic Frame with Header													
2" or 4"	12x24	11.38	23.38	1.75 or 3.75	1000	0.48	0.51	0.53	0.55	0.39	0.40	0.42	0.45
	16x20	15.38	19.38		1110								
	16x25	15.38	24.38		1390								
	20x20	19.38	19.38		1400								
	20x24	19.38	23.38		1665								
	20x25	19.38	24.38		1735								
	24x24	23.38	23.38		2000								
	25x25	24.38	24.38		2170								
Beverage Board Frame without Header													
2" or 4"	12x24	11.38	23.38	1.75 or 3.75	1000	0.44	0.46	0.48	0.50	0.35	0.37	0.38	0.41
	16x20	15.38	19.38		1110								
	16x25	15.38	24.38		1390								
	20x20	19.38	19.38		1400								
	20x24	19.38	23.38		1665								
	20x25	19.38	24.38		1735								
	24x24	23.38	23.38		2000								
	25x25	24.38	24.38		2170								

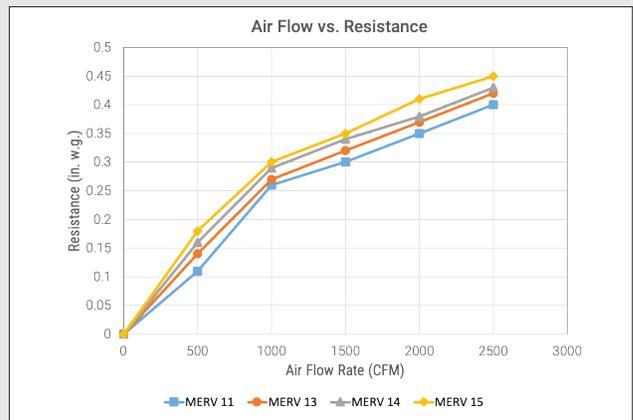
Notes:
 • Performance data is based on ASHRAE Test Standards 52.2 – 2017.

TECHNICAL DATA

EliteCell 2"



EliteCell 4"



112 S. Respass St. Washington, NC 27889
 252.623.4010 | www.pamlico-air.com | info@pamlico-air.com

