

# PneuMAX Composite E10 Static Cartridge Sets

## PneuMAX Composite E10 — Static Style Conical/Cylindrical Cartridges.

### Description

Pneumafil introduces PneuMAX Composite static filters. Designed for air inlet filter users that have either turned off or see little impact from using the “self-cleaning” mode of their filter house.

PneuMAX filters are produced using a proprietary synthetic fiber composite media, tested via ASHRAE 52.2-2012 offering 100% E1 efficiency and achieved an E10 via EN1822 certifications.

Unlike conventional pulse filters, the PneuMAX E10 filter design includes individual glue beads that separate and stabilize every pleat. This provides an unobstructed distribution of dust particles throughout the entire media pack and eliminates pleat collapses under high velocity pinching off large sections of filter media.

PneuMAX has shown to more quickly recover after changes in atmospheric conditions, offering significantly better operating pressure drop compared to conventional wet laid media types.

### Construction

- Flattened expanded galvanized or stainless steel inner and outer cores.
- Individual glue bead separators
- Media is permanently bonded to the end caps with a two part polyurethane sealant.
- A seamless polyisoprene sponge rubber gasket is applied on each filter to attain a positive seal of the filter to the filter house grid plate.
- Embossed filter stop on conical filter to protect against gasket over compression.
- Interior spiral adhesive
- External MERV 6 Pre-filter sock
- Hydrophobic Pre-filter sock (available)



Glue Bead Separators @ 1” Centers

### PneuMAX Composite Performance

<b>Rate Flow Per Set</b>	<b>1530 CFM</b>
<b>Clean Resistance (with MERV 6 filter sock)</b>	<b>0.72 (inches of w.g.)</b>
<b>ASHRAE 52.2 - 2012</b>	<b>MERV 16</b>
<b>EN1822</b>	<b>E10</b>
<b>MPPS Determination</b>	<b>0.1094 µm</b>
<b>Efficiency at MPPS</b>	<b>96.6012%</b>

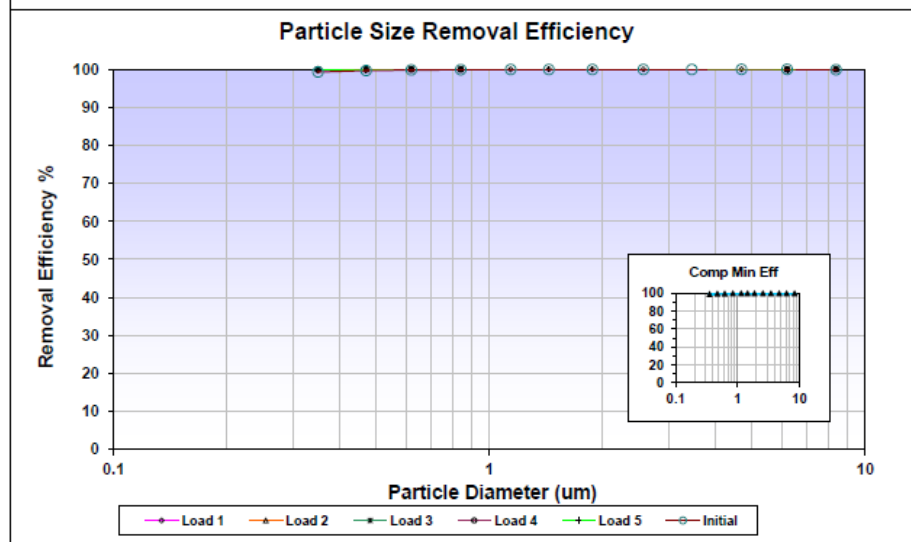
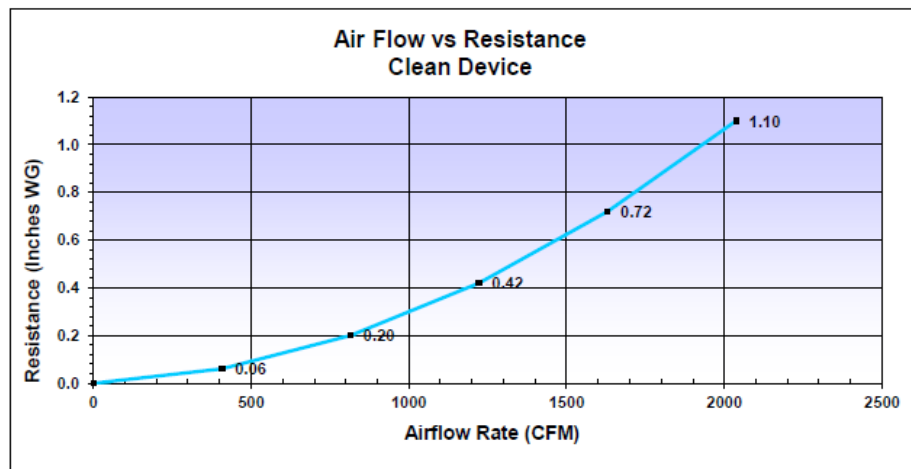
- Per ASHRAE Test 52.2-2012 Test report # BHT 14-1518,
- Per EN Test 1822-5 Test report # BHT 18-347-1

# PneuMAX Composite E10 Static Cartridge Sets

## Dimensions/Part Nos. for Donaldson Style Replacement Filter Sets

Cylindrical	OD 12.75" (325 mm) x L 26" (660 mm)
Conical	OD 12.75" (325 mm) x 17.5" (445 mm), x L 26 (660 mm)

Part No.	Media	Construction
S52675C1	100% Synthetic	Cylindrical, galvanized - open/closed 1.18" bolt hole, MERV 16
S52676C1	100% Synthetic	Conical, galvanized - open/open, with mechanical gasket stop, MERV 16
S52908C1	100% Synthetic	Cylindrical, galvanized - open/closed 1.18" bolt hole, E10
S52907C1	100% Synthetic	Conical, galvanized - open/open, with mechanical gasket stop, E10



### Filter Sleeve

P/N: S52669A1

- Dimensions - 27.5" x 132"
- 100% synthetic coalescing filter sleeve, with Tackifier MERV 6



P/N: S52670A1

- Dimensions
- 100% synthetic coalescing filter sleeve, without Tackifier MERV 6

### Filter Tool

P/N: S52725C1

- Pre-filter installation Tool
- Extendable arm

