



TECHNOLOGY The media is specially formulated to inactivate the SARS-CoV-2 (COVID 19) viral particles coming into contact with the filter. This media has been tested in a leading independent testing laboratory. This media demonstrated a 99.99% inactivation of SARS-CoV-2 viral particles captured in the media. Along with antimicrobial coating that is applied to prevent bacteria and mold growth.

CONSTRUCTION The Mech 8 is the highest rated mechanical washable filter available. It has been independently tested at a MERV 8. The pressure drop was rated at .14" w.g. at 1180 cfm. It consists of a layer of aluminum expanded material on both sides of a washable specially formulated media. The media is enclosed in a medium weight aluminum frame, mitered and secured at one corner by rivets. The filter is designed for applications such as furnaces, light industrial, commercial, schools, and office buildings. The maximum temperature range on the Mech 8 is 180°F. Available in both standard and special sizes. Available in 1", 2", and 4" thicknesses.

HIGHLIGHTS

- Washable and reusable MERV 8
- 99.99% inactivation of SARS-CoV-2 (COVID 19) viral particles
- Proven post wash MERV 8 ratings
- Low resistance
- Antimicrobial
- Mechanical filtration
- Depth loading

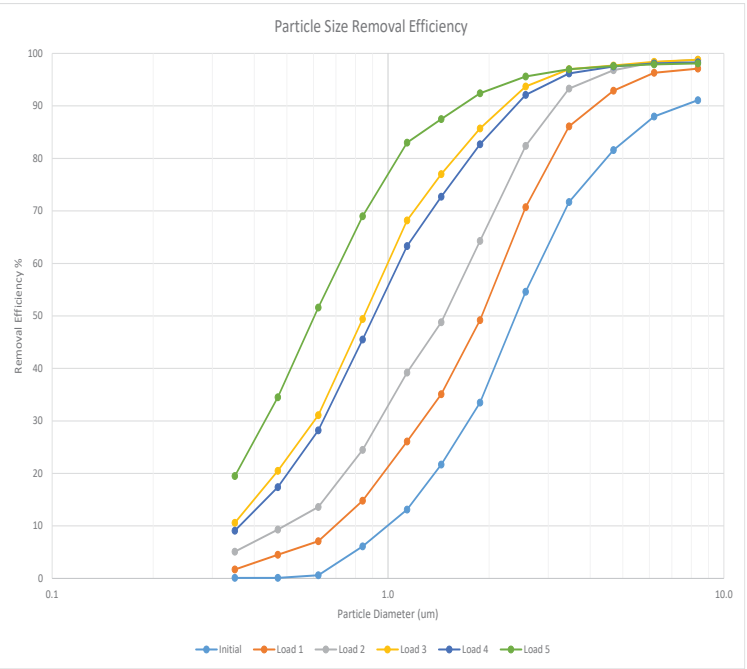
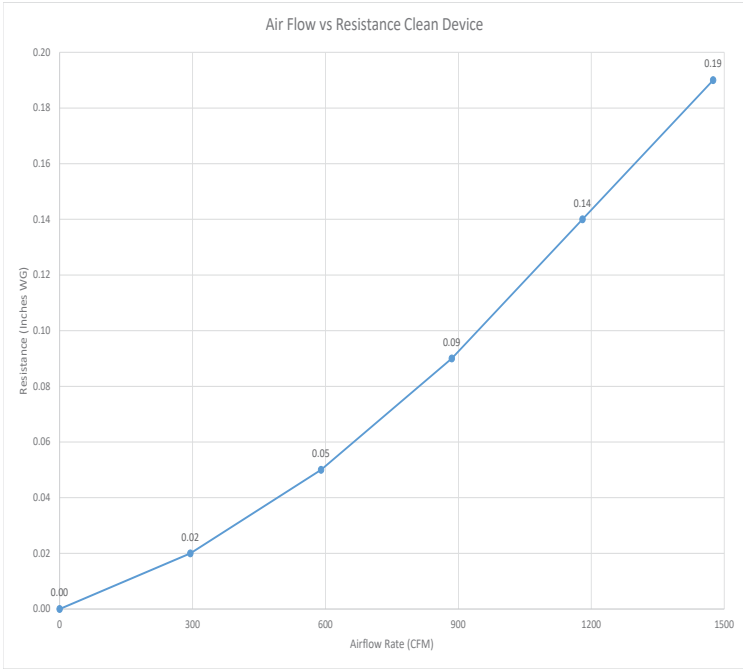
STANDARD SIZE FILTERS

Nominal size (Actual size 3/8" under)	Stock #	Pack Ctn/ Lbs. Ctn
16 x 20 x 1	M816201N	12 /18 lbs.
16 x 25 x 1	M816251N	12 /22 lbs.
20 x 20 x 1	M820201N	12 /22 lbs.
20 x 24 x 1	M820241N	12 /26 lbs.
20 x 25 x 1	M820251N	12 /26 lbs.
24 x 24 x 1	M824241N	12 /30 lbs.
10 x 20 x 2	M810202N	12 /14 lbs.
12 x 24 x 2	M812242N	12 /20 lbs.
16 x 20 x 2	M816202N	12 /22 lbs.
16 x 25 x 2	M816252N	12 /27 lbs.
20 x 20 x 2	M820202N	12 /27 lbs.
20 x 24 x 2	M820242N	12 /32 lbs.
20 x 25 x 2	M820252N	12 /32 lbs.
24 x 24 x 2	M824242N	12 /37 lbs.

MECH 8 FILTER

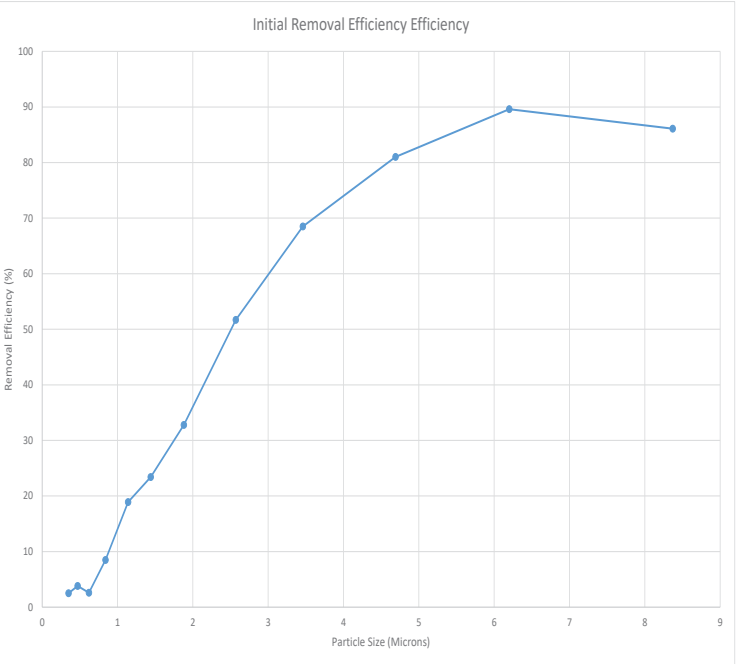
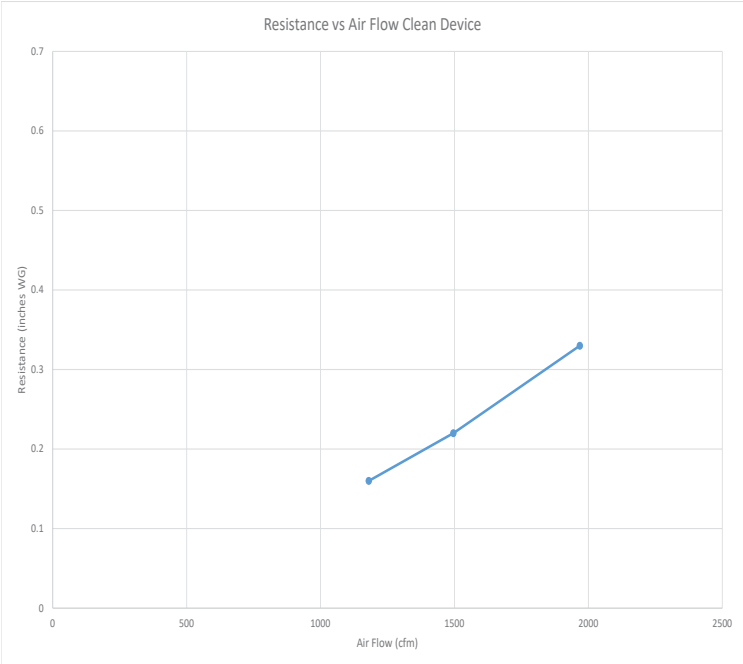
Highlights

- MERV 8 @ 1180 cfm
- Initial Resistance .14" w.g
- Dust Holding Capacity 67 gms

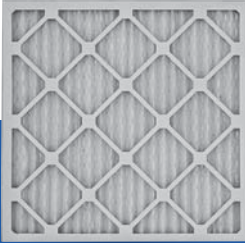




Post Wash

- MERV 8 @ 1180 cfm
- Initial Resistance .16" w.g

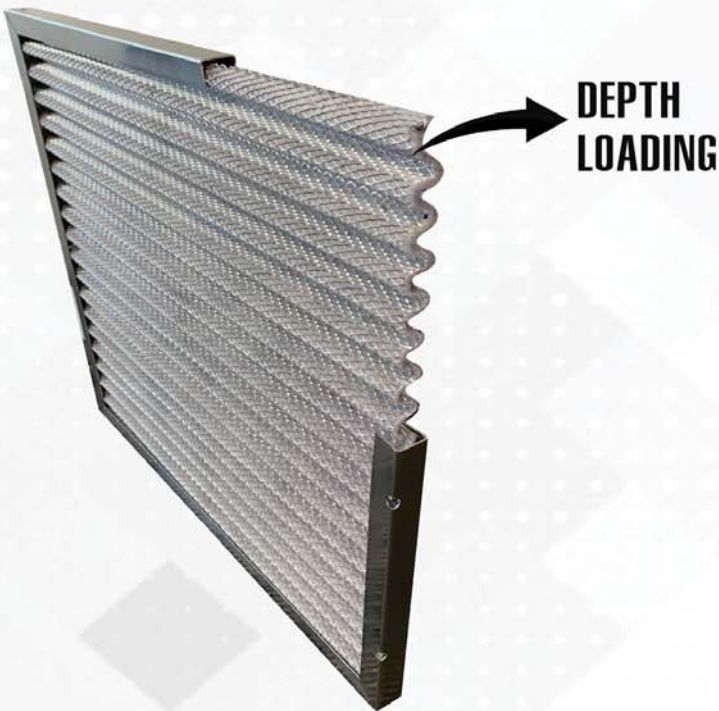


FILTER COMPARISON

			
PRODUCT	PLEATED FILTER	ELECTROSTATIC	MECH 8
MERV Rating	8	5	8
Pressure Drop	0.22" w.g.	0.10" w.g.	0.14" w.g.

*BASED ON 1" PRODUCTS TESTED AT 295 FPM

Mech 8



Pleated Filter

