



# MERV 8 WASHABLE FILTERS SUBMITTAL SHEET



## MECH 8 FILTER



### HIGHLIGHTS

- MERV 8
- Washable and reusable
- 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 /17 lbs.
16 x 25 x 1	M816251N	12 /21 lbs.
20 x 20 x 1	M820201N	12 /21 lbs.
20 x 25 x 1	M820251N	12 /25 lbs.
24 x 24 x 1	M824241N	12 /27 lbs.
10 x 20 x 2	M810202N	12 /25 lbs.
12 x 24 x 2	M812242N	12 /27 lbs.
16 x 20 x 2	M816202N	12 /27 lbs.
16 x 25 x 2	M816252N	12 /31 lbs.
20 x 20 x 2	M820202N	12 /35 lbs.
20 x 25 x 2	M820252N	12 /40 lbs.
24 x 24 x 2	M824242N	12 /46 lbs.

**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. Antimicrobial coating is applied to prevent bacteria and mold growth. 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. Maximum temperature range on the Mech 8 is 180°F. Available in both standard and special sizes. Available in 1" and 2" thicknesses.

**MATERIAL** Filtering element shall be processed from sheet aluminum, commercially known as 3003-H22, .025 in thickness expanded to .050 strand. Frame shall be made from sheet Aluminum 3003-H14, .040 thickness.

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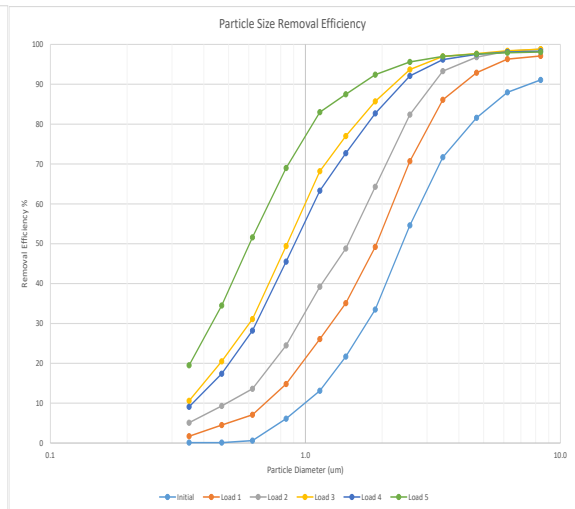
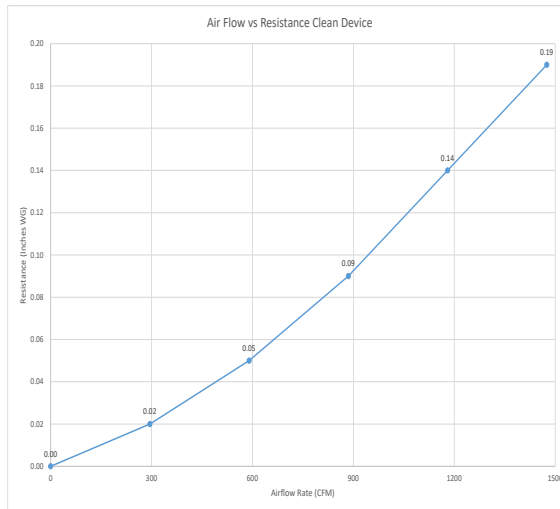


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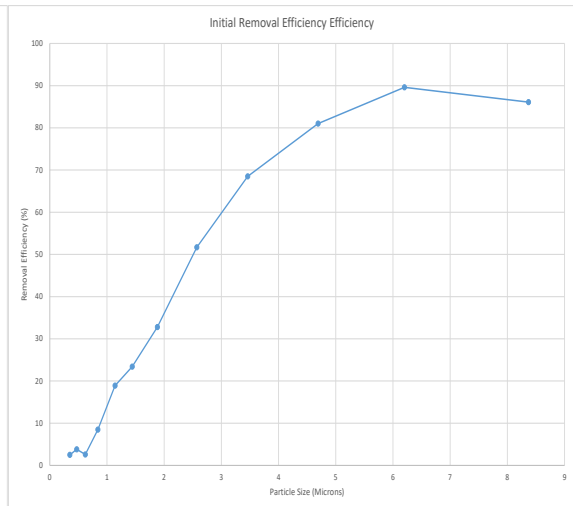
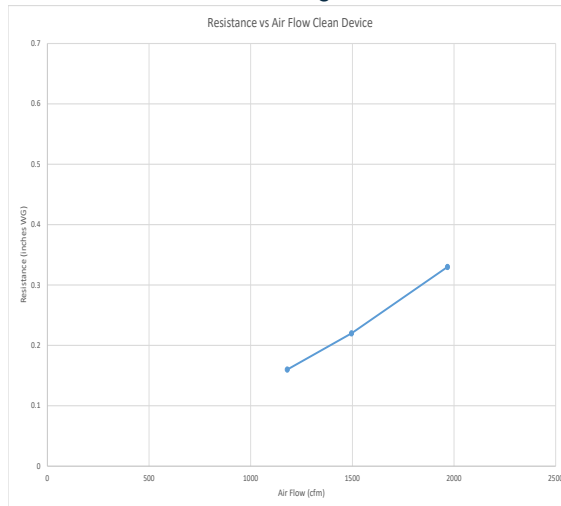
### Highlights

- 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



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## 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



DEPTH  
LOADING

### Pleated Filter

SURFACE  
LOADING

