

# PREpleat® HT SC

(High Temperature, Standard Capacity)

## EXTENDED SURFACE PLEATED PANEL FILTERS

- Rugged metal construction
- UL Classified
- MERV 8

AAF Flanders PREpleat HT SC filters are designed for increased air filtration efficiencies in an operating environment where temperatures reach 400°F (204°C). Typical examples include air intakes for drying ovens or high temperature baking applications.

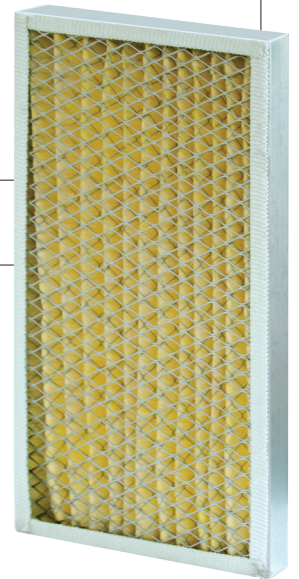
V-Pleat design aids in pressure drop while reducing energy cost. Design allows for maximum airflow and Dust Holding Capacity (DHC) during the life of the filter.

### Applications

The PREpleat HT SC pleated air filter consists of a microfine fiberglass filtration media with a woven fiberglass scrim that has been bonded to corrosion-resistant expanded metal backing, then pleated into standard capacity packs.

Each pack is encased within a 24-gauge corrosion-resistant metal frame with an expanded corrosion-resistant metal face screen on the downstream side to increase pack rigidity while preventing blowouts.

PREpleat HT SC pleated air filters are offered in 2" and 4" depths in all of the most popular face sizes. PREpleat HT HC filters are UL Classified. Testing was performed according to UL Standard 900.



# PREpleat® HT SC Filters

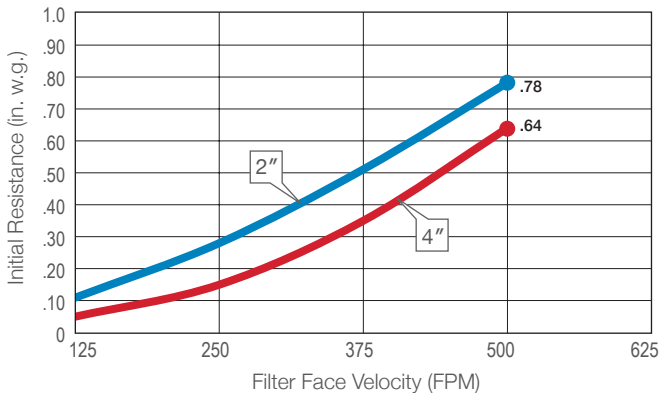
## Performance Data

Filter	Pleats Per Linear Foot	Rated Initial Resistance (in. w.g.)	Recommended Final Resistance (in. w.g.)	ASHRAE 52.2 MERV	Continuous Operating Temperature Limits
		500 FPM			
2" PREpleat HT SC	10	.78	1.0	8	400°F (204°C)
4" PREpleat HT SC	10	.64	1.0	8	400°F (204°C)

All performance data based on ASHRAE Standard 52.2. Performance tolerance conforms to Section 6.4 of ANSI/AHRI Standard 850-2013.

**Underwriters Laboratories Classification** – PREpleat HT SC filters are UL Classified. Testing was performed according to UL Standard 900.

### Initial Resistance vs. Filter Face Velocity



## Product Information – Standard Sizes

Nominal Sizes (Inches) (W x H x D)	Actual Sizes (Inches) (W x H x D)	Rated Airflow (SCFM)			Pleats Per Filter	Gross Media Area (sq. ft.)
		300 FPM	500 FPM	625 FPM		
12 x 24 x 2	11 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub>	600	1000	1250	9	5.8
16 x 20 x 2	15 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	650	1100	1400	13	6.7
16 x 25 x 2	15 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	850	1400	1750	13	9.0
20 x 20 x 2	19 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	850	1400	1750	16	8.2
20 x 24 x 2	19 <sup>1</sup> / <sub>2</sub> x 23 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	1000	1650	2100	16	9.8
20 x 25 x 2	19 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	1050	1750	2150	16	10.2
24 x 24 x 2	23 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>4</sub>	1200	2000	2500	19	11.5

Energy savings may be realized by operating the PREpleat HT SC filters to a lower final resistance. Contact your local AAF Flanders representative for a Total Cost of Ownership analysis for your specific application.

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