

# Multi-Pleat Elite™

Self-Supporting Extended Surface Pleated Filter



**High performance MERV 8 mechanical air filter media** is self-supporting and requires no metal support grid downstream. No metal components means the filter is completely incinerable after use.

**Exclusive vForm™ Pleating Technology** maintains uniform pleat spacing in every filter. In addition, vForm™ Pleating Technology insures the same pleat configuration used for decades in our original Multi-Pleat products. Same aerodynamic v-shaped pleat design, same superior performance.

**Sturdy, moisture-resistant, beverage board perimeter frame and cross-braces** provide structural integrity even in difficult operating conditions.

The media used in the Multi-Pleat Elite is extraordinarily resilient and is engineered to endure the rigors of shipping, handling, installation and operation.



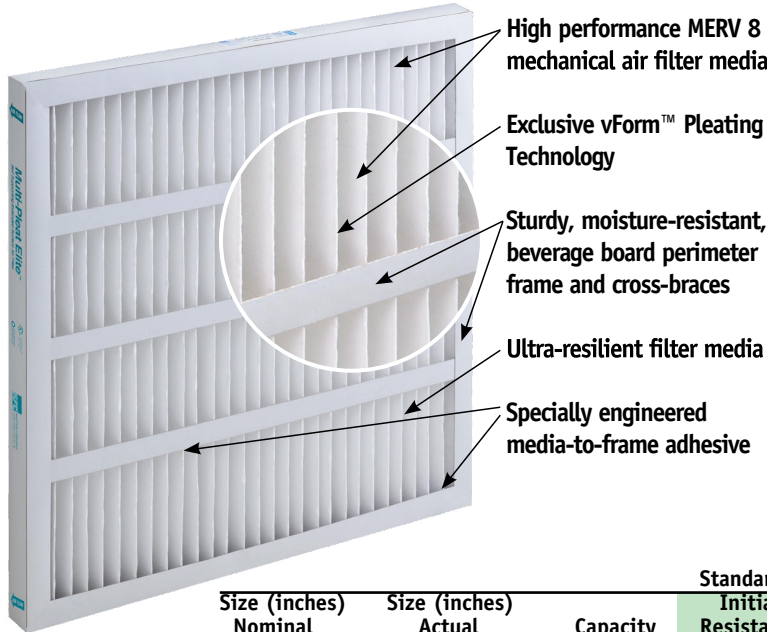
*Multi-Pleat Elite earns the Koch Green Icon for one or more following categories: Earns LEED Points, Reduces Energy Costs, Extends Filter Lifecycles, Conserves Resources, and Improves Indoor Environmental Quality.*

#### Features:

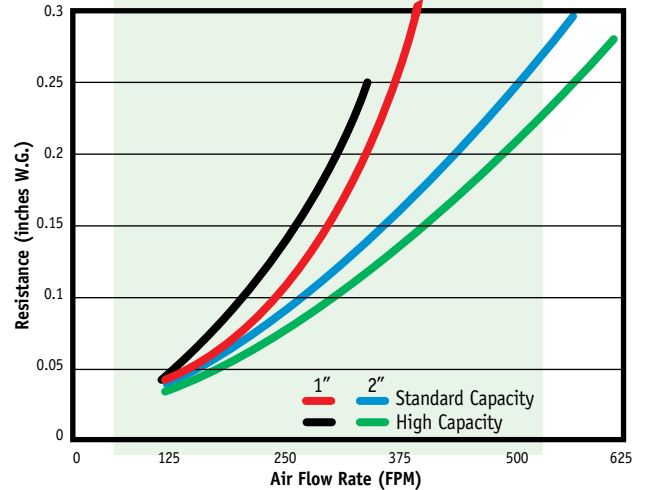
- Exclusive vForm™ Pleating Technology
- MERV 8 performance rating
- Self-supporting pleats requires no metal reinforcement
- Low resistance to airflow reduces energy costs
- Moisture-resistant beverage board frame
- Completely incinerable

**Koch Filter Corporation...Durable. Reliable. Versatile.**

## Multi-Pleat Elite Technical Data



Initial Resistance vs. Filter Face Velocity



Additional Multi-Pleat Elite Product Information

ASHRAE Test Standard 52.2-2007.

Recommended maximum continuous operational temperature is 150° F (93°C).

Multi-Pleat Elite filters are classified as Underwriter's Laboratories Class 2 according to U.L. Standard 900.

Size (inches) Nominal W x H x D	Size (inches) Actual W x H x D	Capacity (CFM)	Standard Capacity Elite		High Capacity Elite	
			Initial Resistance (in. W.G.)	Media Area (Sq. Ft.)	Initial Resistance (in. W.G.)	Media Area (Sq. Ft.)
12 x 24 x 1	11 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 3/4	600	0.29	3.3	0.20	3.8
14 x 20 x 1	13 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 3/4	590	0.29	3.4	0.20	3.8
14 x 25 x 1	13 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 3/4	730	0.29	4.3	0.20	4.8
15 x 20 x 1	14 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 3/4	630	0.29	3.6	0.20	4.1
16 x 20 x 1	15 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 3/4	670	0.29	3.8	0.20	4.3
16 x 24 x 1	15 <sup>1</sup> / <sub>2</sub> x 23 <sup>3</sup> / <sub>8</sub> x 3/4	800	0.29	4.6	0.20	5.2
16 x 25 x 1	15 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 3/4	840	0.29	4.8	0.20	5.4
20 x 20 x 1	19 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 3/4	840	0.29	4.7	0.20	5.4
20 x 24 x 1	19 <sup>1</sup> / <sub>2</sub> x 23 <sup>3</sup> / <sub>8</sub> x 3/4	1000	0.29	5.7	0.20	6.5
20 x 25 x 1	19 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 3/4	1050	0.29	6.0	0.20	6.8
24 x 24 x 1	23 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 3/4	1200	0.29	7.1	0.20	8.1
12 x 24 x 2	11 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	1000	0.26	5.4	0.20	7.8
14 x 20 x 2	13 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	980	0.26	5.5	0.20	7.9
14 x 25 x 2	13 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	1215	0.26	6.9	0.20	9.9
15 x 20 x 2	14 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	1050	0.26	6.0	0.20	8.4
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>	1115	0.26	6.5	0.20	8.8
16 x 24 x 2	15 <sup>1</sup> / <sub>2</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	1340	0.26	7.8	0.20	10.6
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>	1400	0.26	8.1	0.20	11.0
18 x 24 x 2	17 <sup>1</sup> / <sub>2</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	1500	0.26	8.4	0.20	12.3
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>	1400	0.26	8.0	0.20	11.1
20 x 24 x 2	19 <sup>1</sup> / <sub>2</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	1675	0.26	9.6	0.20	13.4
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>	1740	0.26	10.0	0.20	14.0
24 x 24 x 2	23 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	2000	0.26	11.4	0.20	16.2
25 x 25 x 2	24 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	2170	0.26	12.5	0.20	17.4

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Look for the Koch Green icon! Whenever you see the Koch Green icon, we are identifying a product that meets or exceeds our criteria in one or more of the following categories: Earns LEED Points, Reduces Energy Costs, Extends Filter Lifecycles, Conserves Resources, and Improves Indoor Environmental Quality.