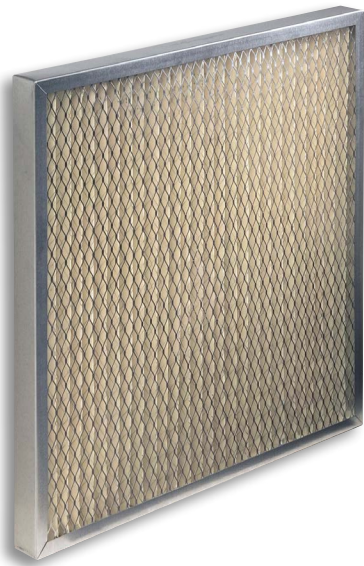


Multi-Pleat™ HT

MERV 8 Pleated Air Filter for High Temperature Applications



Features

- High temperature applications
- MERV 8 performance rating
- 24 gauge aluminized steel frame
- Ideal for drying ovens and baking systems
- Heavy-duty microfiberglass media

Multi-Pleat HT MERV 8

Multi-Pleat HT filters are designed for ovens and air filtration systems with continuous operational temperatures up to 500°F (260°C). This product is widely used in applications such as paint spray booths, baking systems, drying ovens, and in any system where elevated operating temperatures require a more specialized type of air filtration.

Durable Construction

The **Multi-Pleat HT** is constructed with a medium efficiency extended surface media element secured in a 24 gauge aluminized steel enclosure frame to resist flaking. The MERV 8 media element is composed of specifically formulated, extended surface glass micro fiber, designed to provide superior performance without degradation in high temperature systems. The media element is bonded to the entire interior surface of the frame to eliminate air bypass, and the radial design of each pleat insures total media utilization. **The media element is supported downstream by a high temperature expanded metal grid.**

The **Multi-Pleat HT** media is produced with an optimal blend of highly specialized fibers, developed by Koch Filter specifically for use in extended surface air filters.

Developed to deliver a “one of a kind” performance, this specialized media operates on mechanical filtration principles which provide high efficiency, low pressure drop and high dust holding capacity.

The Koch Multi-Pleat HT maintains a MERV 8 performance rating before and after conditioning steps when tested in accordance to ASHRAE Test Standard 52.2-2012.

Nominal Size (inches)	Actual Size (inches)	Capacity (CFM)		Initial Resistance (in. W.G.)		Media Area
		@300 FPM	@500 FPM	@300 FPM	@500 FPM	
16x20x1	15.5 x 19.5x.75	650	815	0.50	NA	4.8
16x25x1	15.5 x 24.5 x .75	850	1060	0.50	NA	56.0
20x20x1	19.5 x 19.5 x .75	850	1060	0.50	NA	6.2
20x25x1	19.5 x 24.5 x .75	1050	1315	0.50	NA	7.7
24x24x1	23.38 x 23.38 x .75	1200	1500	0.50	NA	8.6
12x24x1	11.38 x 23.38 x .75	600	750	0.50	NA	4.2
16x20x2	15.5 x 19.5 x 1.75	650	1085	0.20	0.43	8.3
16x25x2	15.5 x 24.5 x 1.75	850	1420	0.20	0.43	10.5
20x20x2	19.5 x 19.5 x 1.75	850	1420	0.20	0.43	11.2
20x25x2	19.5 x 24.5 x 1.75	1050	1755	0.20	0.43	13.1
24x24x2	23.38 x 23.38 x 1.75	1200	2000	0.20	0.43	15.0
12x24x2	11.38 x 23.38 x 1.75	600	1000	0.20	0.43	7.5
16x20x4	15.5 x 19.5 x 3.63	650	1085	0.18	0.40	15.1
16x25x4	15.5 x 24.5 x 3.63	850	1420	0.18	0.40	18.9
20x20x4	19.5 x 19.5 x 3.63	850	1420	0.18	0.40	19.4
20x25x4	19.5 x 24.5 x 3.63	1050	1755	0.18	0.40	24.2
24x24x4	23.38 x 23.38 x 3.63	1200	2000	0.18	0.40	27.0
12x24x4	11.38 x 23.38 x 3.63	600	1000	0.18	0.40	12.9

Notes:

- MERV (Minimum Efficiency Reporting Value) • Recommended Final Pressure Drop is 1.0" w.g.
- Performance data is based on ASHRAE Test Standards 52.2.2012 • Recommended maximum continuous operational temperature is 500° F.



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