

Multi-Pleat™ BOSS

PREMIUM High Strength, High-Capacity
Pleated Filter



Features

- Premium heavy-duty construction
- Heavy gage expanded metal backing
- High dust holding capacity media blend for long life
- Low resistance to airflow saves energy
- High wet strength, moisture resistant beverage-board frame
- Available in 2" and 4" depths
- Available in MERV 8, MERV 11 and MERV 13

Premium Performance Pleated Filter

Providing heavy duty performance in a long lasting pleated panel filter, the **Multi-Pleat BOSS** is manufactured with a heavy duty, metal support grid and durable moisture resistant beverage board frame. The **Multi-Pleat BOSS** filter's low initial resistance helps to lower operating costs and increase energy savings.

High Dust Holding Capacity and Low Resistance

The **Multi-Pleat BOSS** media pack utilizes high lofted synthetic fibers, blended to create a consistent denier media. The media configuration allows maximum airflow while providing maximum dust holding capacity. The lofted blend loads at a slower rate, thereby increasing the filter life to **twice the life of normal pleated filters**. Combined performance measurables of lower resistance and higher dust holding capacity improves overall total cost of ownership.

Designed for Extreme Operating Conditions

Tough operating conditions require an equally tough filter to handle those conditions. The **BOSS** offers a sturdy, high moisture resistant beverage board frame, designed to meet the rigors of most conditions. The media is a heavy duty, lofted combination that provides high capacity dust handling capabilities. Quality media construction also provides reliable performance in the toughest conditions, including high moisture environments.

A **heavy-duty, expanded metal pleat** support grid increases filter rigidity, while supporting proper pleat spacing. Pleat design provides maximum efficiency, low resistance to airflow, and maximum dust handling capacity. The construction ensures a stable filter, eliminating racking and vibration of the pleats under normal airflow.

Performance Data

Nominal Size	Actual Size	Capacity (CFM)			Initial Resistance (In. W.G.)									Final Resistance	Media Area (sq. ft.)
		@300 FPM	@500 FPM	@625 FPM	@300 FPM MERV			@500 FPM MERV			@625 FPM MERV				
					8	11	13	8	11	13	8	11	13		
24x24x2	23.38x23.38x1.75	1200	2000	2500	.13	.15	.13	.23	.32	.30	.33	.52	.42	1.0	16.2
12x24x2	11.38x23.38x1.75	600	1000	1250	.13	.15	.13	.23	.32	.30	.33	.52	.42	1.0	7.8
20x20x2	19.50x19.50x1.75	840	1400	1740	.13	.15	.13	.23	.32	.30	.33	.52	.42	1.0	11.1
20x25x2	19.50x24.50x1.75	1050	1740	2170	.13	.15	.13	.23	.32	.30	.33	.52	.42	1.0	14.0
16x25x2	15.50x24.50x1.75	840	1400	1740	.13	.15	.13	.23	.32	.30	.33	.52	.42	1.0	11.0
16x20x2	15.50x19.50x1.75	670	1115	1400	.13	.15	.13	.23	.32	.30	.33	.52	.42	1.0	8.8
20x24x2	19.50x23.38x1.75	1000	1675	2100	.13	.15	.13	.23	.32	.30	.33	.52	.42	1.0	13.4
24x24x4	23.38x23.38x3.75	1200	2000	2500	.11	.14	.12	.21	.30	.28	.31	.46	.40	1.0	26.0
12x24x4	11.50x23.38x3.75	600	1000	1250	.11	.14	.12	.21	.30	.28	.31	.46	.40	1.0	13.6
20x20x4	19.50x19.50x3.75	840	1400	1740	.11	.14	.12	.21	.30	.28	.31	.46	.40	1.0	18.6
20x24x4	19.50x23.38x3.75	1000	1675	2100	.11	.14	.12	.21	.30	.28	.31	.46	.40	1.0	22.3

Additional Multi-Pleat BOSS Product Information:
 MERV (Minimum Efficiency Reporting Value)
 Recommended Final Pressure Drop is 1.0" w.g.
 Performance data is based on ASHRAE Test Standards 52.1-1999 and 52.2-2007
 Recommended maximum continuous operating temperature is 200°F



Sales and manufacturing locations:
 Louisville, KY • Houston, TX • Mira Loma, CA • East Greenville, PA
 Nashville, TN • Madbury, NH • Atlanta, GA • Kansas City, MO
 Tacoma, WA • Detroit, MI • Indianapolis, IN