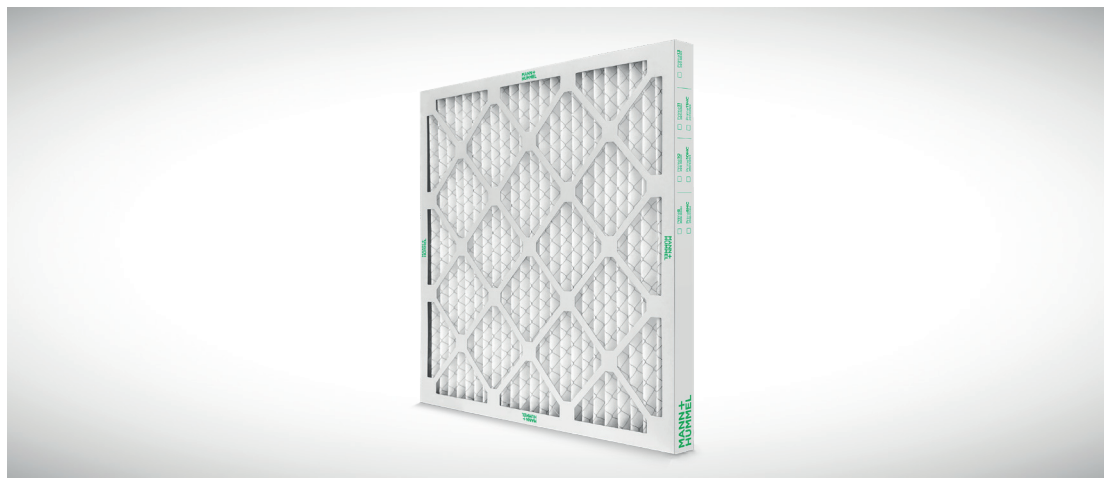


# Prime8XT Extra Tough Pleated Air Filters

## FEATURES

- Moisture resistant beverage board
- 2-Piece die cut frame
- Synthetic media
- Max temp: 180°F
- UL 900 qualified
- Available in 2" and 4" depths
- Heavy duty galvanized steel mesh wire



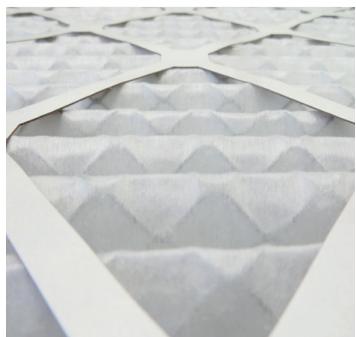
## PRIME8XT CONSTRUCTION & APPLICATIONS

Prime8XT is designed for the most demanding applications and represents the new benchmark in the industry. The combination of the media, stout die-cut frame and heavy-duty wire backing creates an extra tough (XT) filter for the most demanding applications.

From the moment you pick up the Prime8XT you will recognize that this filter is in a class of its own. Testing has demonstrated the long service life with a high dust holding capacity (DHC). This high DHC is by design. The fibers in the Prime8XT media were designed to allow for more surface area to capture particulate than standard cylindrical shaped fibers found in competitive medias.

The Prime8XT wire backing is not your standard reinforced wire. It is made of a heavy duty galvanized steel that maximizes the rigidity of the filter and supports the media for a high performing filter. This allows for maximum efficiency at the lowest pressure drop – at the same time.

The Prime8XT is a MERV 8/MERV 8A with a low energy saving resistance of 0.26 w.g. @ 2,000 CFM. In addition, it has a ultra high dust holding capacity, with an extra tough wire backing which equates to a long service life.



*The unique design of the Prime8XT delivers maximum performance at a low energy consumption*



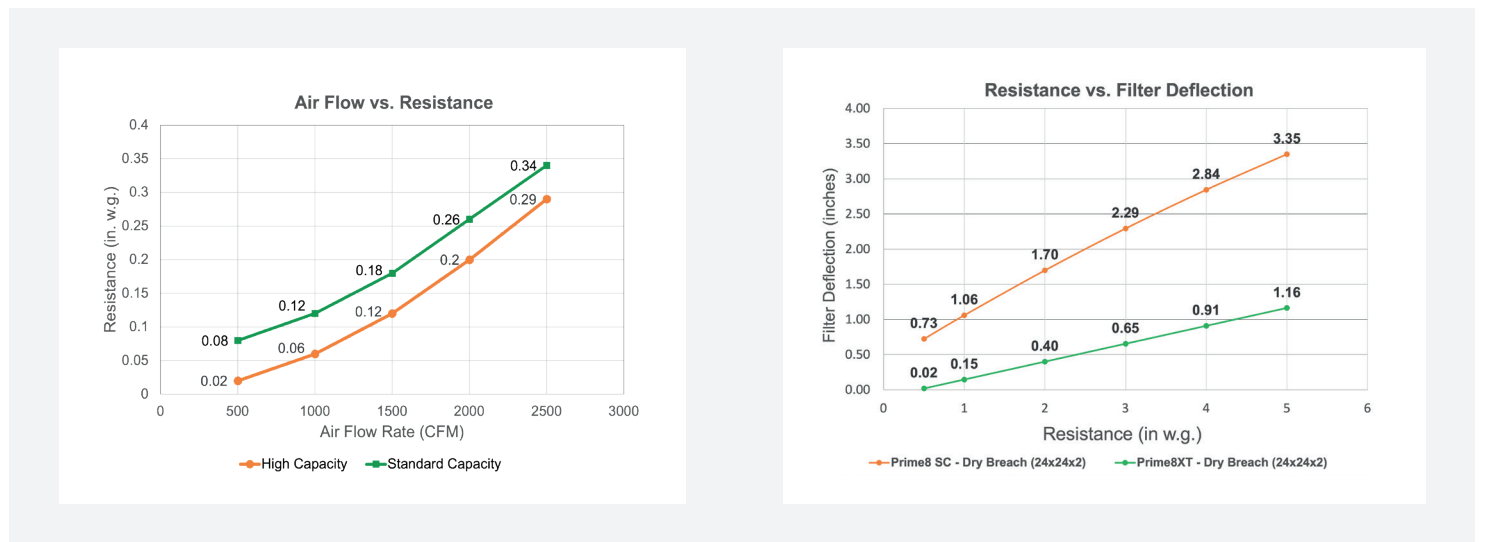
*Prime8XT is up to the demands of the toughest applications*

**PRIME8XT**  
**PERFORMANCE DATA**

Nominal Depth	Nominal Size (in.) (WxHxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.)		Total Media Area (sq. ft.)		Number of Pleats Per Linear Foot	
		Width	Height	Depth		Standard	High	Standard	High	Standard	High
2"	10x20x2	9.50	19.50		700			4.0	6.0		
	12x24x2	11.38	23.38		1000			5.8	8.8		
	14x20x2	13.50	19.50		975			5.7	8.6		
	14x25x2	13.50	24.50		1220			7.1	10.7		
	15x20x2	14.50	19.50		1040			6.1	9.2		
	16x20x2	15.50	19.50		1110			6.5	9.8		
	16x24x2	15.38	23.38		1335			7.9	11.8		
	16x25x2	15.50	24.50		1390	0.26	0.20	8.2	12.3	10	15
	18x20x2	17.50	19.50		1250			7.4	11.1		
	18x24x2	17.38	23.38		1500			8.9	13.3		
	18x25x2	17.50	24.50		1565			9.3	13.9		
	20x20x2	19.50	19.50		1390			8.2	12.3		
	20x24x2	19.38	23.38		1670			9.9	14.8		
	20x25x2	19.50	24.50		1740			10.3	15.5		
24x24x2	23.38	23.38		2000			11.9	17.9			
4"	12x24x4	11.38	23.38		1000			11.3	16.3		
	16x20x4	15.50	19.50		1110			12.6	18.2		
	16x25x4	15.50	24.50		1390			15.8	22.8		
	18x24x4	17.38	23.38		1500	0.26	0.23	17.1	24.7	9	12
	20x20x4	19.50	19.50		1390			15.9	22.9		
	20x24x4	19.38	23.38		1670			19.1	27.6		
	20x25x4	19.50	24.50		1740			19.9	28.7		
	24x24x4	23.38	23.38		2000			23.0	33.2		

- Notes:
- 2" & 4" deep filters are rated at 500 fpm and 1" deep filters are rated at 300 fpm.
  - Performance data is based on ASHRAE Test Standards 52.2 - Appendix J-2017.
  - More sizes are available. Please contact customer service for a full list of sizes.

**TECHNICAL DATA**



MANN+HUMMEL is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. MANN+HUMMEL products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

**LOCAL REPRESENTATIVE**