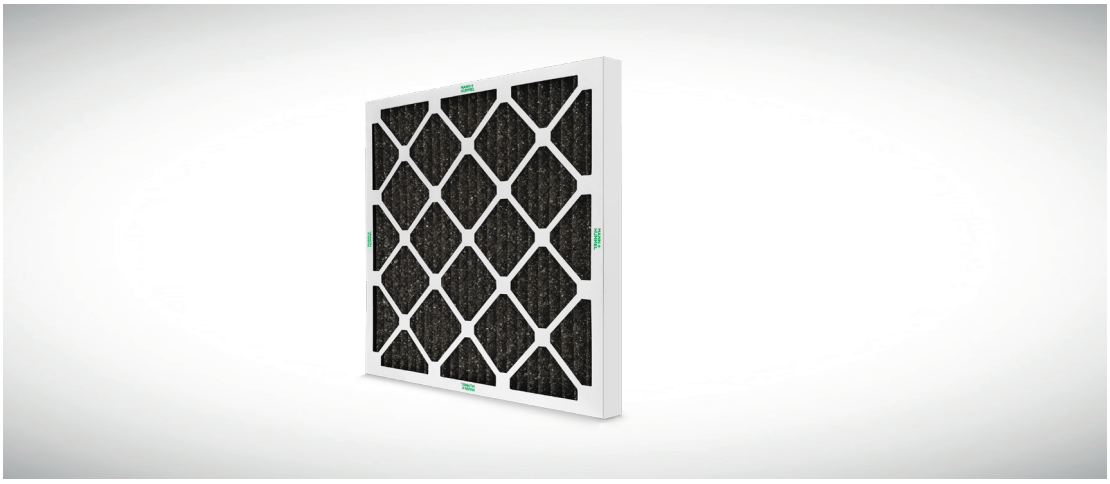
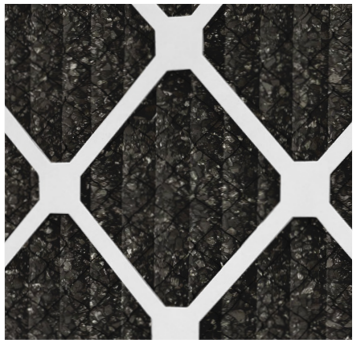
MC Prime 50/50 Carbon/Alumina Blend Pleated Filters

FEATURES

- 592 gsm of 50/50 blend of carbon and alumina
- MERV 7 particulate filtration
- Available in 1", 2" and 4" depths
- Moisture resistant, 100% reclaimed fiber die-cut frame





CarbonWeb® media

MC PRIME 50/50
CONSTRUCTION & APPLICATIONS

The MC Prime 50/50 filter is a unique blend of molecular and particulate filtration that utilizes the CarbonWeb® media in a 50/50 blend of granular activated carbon and impregnated alumina to maximize the effectiveness against the broadest range of gaseous contaminants. The synthetic prefilter layer removes particulate at MERV 7 efficiency levels.

MC Prime 50/50 allows for easy retrofit into current HVAC systems and is available in 1", 2" and 4" depths, with a wide variety of standard and special sizes to fit any application. MC Prime 50/50 will fit into any side access housing and all holding frames, including both front and rear access.

MC Prime 50/50 utilizes an extended surface design to maximize particulate and molecular efficiency and to minimize operating resistance. This low resistance delivers longer service life, reduced energy consumption and an easier retrofit solution. The MC Prime 50/50 also features a moisture resistant die-cut frame.

Granulated activated carbon & impregnated alumina blend

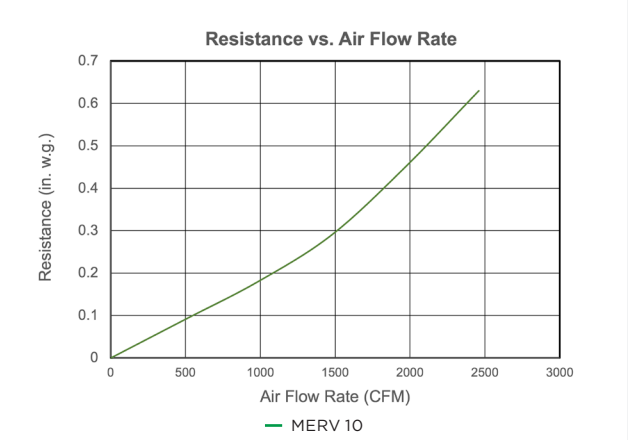
MANN+HUMMEL

MC PRIME 50/50
PERFORMANCE DATA

Nominal Depth	GAC Wt. Grams	Initial Resistance		MERV Rating	Particulate Capacity	Final Resistance
		300 FPM	500 FPM			
4 inch *(102 mm)*	300 ft² *(3228 gr/m²)*	0.15 in. w.g. *(37 Pa)*	0.30 in. w.g. *(75 Pa)*	7	287 grams	1.5 in. w.g. *(373 Pa)*
2 inch *(51 mm)*	200 ft² *(2152 gr/m²)*	0.16 in. w.g. *(40 Pa)*	0.36 in. w.g. *(90 Pa)*	7	141 grams	1.5 in. w.g. *(373 Pa)*
1 inch *(25 mm)*	100 ft² *(807 gr/m²)*	0.21 in. w.g. *(52 Pa)*	0.41 in. w.g. *(102 Pa)*	7	98 grams	1.5 in. w.g. *(373 Pa)*

TECHNICAL DATA

MC PRIME 50/50



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