

Prime10 WL/Prime10HC WL HVAC Pleated Filters

FEATURES

- Moisture resistant frame
- No dyes or metal in components
- Synthetic media
- Available in standard & high cap
- Available in MERV 10-A efficiency
- Reduced energy consumption



PRIME10 WL CONSTRUCTION & APPLICATIONS



The Prime10 WL utilizes no dyes or metal in its components, and is completely incinerable.

The Prime10 WL offers the ultimate level of performance; MERV 10-A efficiency, no metal content, and a low, energy-saving pressure drop – unmatched by any other pleated air filter.

The Prime10 WL utilizes a moisture resistant frame with vertical strips bonded to the media pack for extra strength, and to maintain proper pleat spacing. The pleat pack is bonded to a channel strip frame. The media pack uses no metal and is exceptionally strong – meaning it can take significant abuse, and still retain its shape and pleat spacing.

The Prime10 WL delivers MERV 10-A efficiency at a lower resistance than many competitive MERV 8 pleated filters. This reduction in operating resistance can equate to significant energy savings, and is unmatched among wireless pleats.

The Prime10 WL has many environmental benefits, such as reduced energy consumption that has already been mentioned. In addition, The Prime10 WL utilizes no dyes or metal in its components, and is completely incinerable.

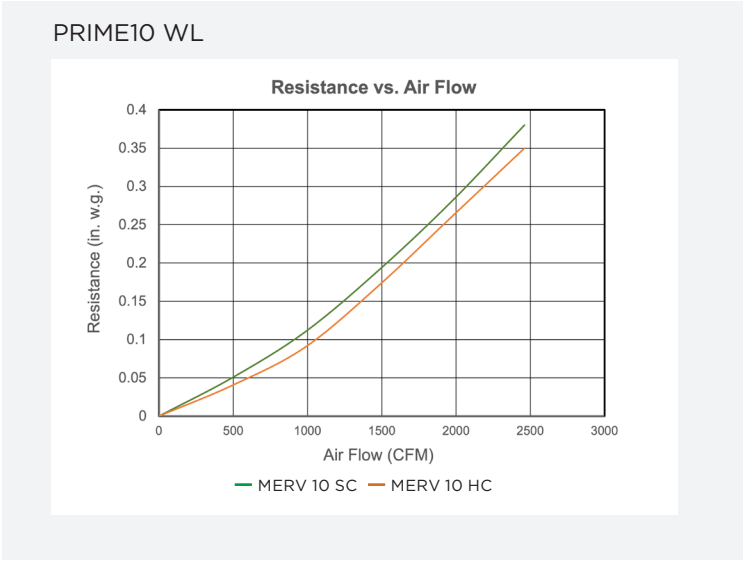


Vertical strips bonded to the media pack for extra strength

PRIME10 WL
PERFORMANCE DATA

Nominal Depth	Nominal Size (in.) (WxHxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.)		Weight (lbs)	
		Width	Height	Depth		Standard	High	Standard	High
2"	12x20x2	11.50	19.50	1.75	835	0.28	0.26	0.27	0.38
	12x24x2	11.38	23.38		1000			0.32	0.45
	14x20x2	13.50	19.50		975			0.31	0.44
	14x25x2	13.50	24.50		1215			0.39	0.55
	15x20x2	14.50	19.50		1040			0.34	0.47
	16x20x2	15.50	19.50		1110			0.36	0.50
	16x24x2	15.38	23.38		1330			0.44	0.61
	16x25x2	15.50	24.50		1390			0.45	0.63
	18x20x2	17.50	19.50		1250			0.41	0.57
	18x24x2	17.38	23.38		1500			0.49	0.68
	18x25x2	17.50	24.50		1565			0.51	0.71
	20x20x2	19.50	19.50		1390			0.45	0.63
	20x24x2	19.38	23.38		1670			0.54	0.76
	20x25x2	19.50	24.50		1740			0.56	0.79
	24x24x2	23.38	23.38		2000			0.65	0.91
	25x25x2	24.50	24.50		2170			0.71	0.99

TECHNICAL DATA



- Notes:
- Recommended final resistance = 1.5 in. w.g.
 - Performance data is based on ASHRAE Test Standards 52.2
 - Max operating temp: 180°F
 - Filter shall be classified by underwriters laboratories as UL 900
 - Filter Air Flow capacity is rated @ 500 FPM
 - Airflow Resistance: 2" DEPTH (1.75" ACTUAL) = 0.28 in. w.g. @ 1,968 CFM (492 FPM)

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.

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