

PrimeAC10

Pleated Air Cleaner

FEATURES

- MERV 10 efficiency
- Low pressure drop
- High dust holding capacity
- Extended surface
- Galvanized, rust-resistant wire mesh
- Heavy duty moisture resistant frame
- Available in 3 and 5 in depths
- Max operating temp: 180°F



PRIMEAC10 CONSTRUCTION & APPLICATIONS

The PrimeAC10 extended-surface pleated air cleaners are designed to deliver exceptional air quality, durability, and consistent performance across a wide range of applications. Available in MERV 10 efficiency, making it easy to select the right level of filtration for specific system requirements.

Each filter is constructed with synthetic media, which enhances particle capture efficiency while maintaining low resistance to airflow. A galvanized, rust-resistant wire mesh is permanently bonded to the media to provide additional strength, ensuring the pleats retain their shape and performance even under heavy dust loading.

To further enhance reliability, the filters are built with a heavy-duty, moisture-resistant frame that retains strength and structural integrity even in high-humidity environments. Factory-installed double gaskets on both the top and bottom create a tight, secure seal that eliminates filter bypass and ensures all air passes through the filter media.

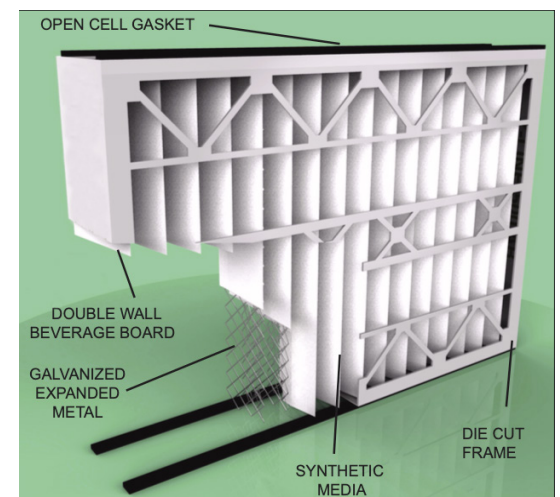
The precise dimensions are engineered for a snug fit in Honeywell filter cabinets, simplifying installation and preventing air leakage. This combination of advanced media technology, robust construction, and dependable sealing makes the Prime AC series an ideal choice for both residential and commercial HVAC systems seeking reliable, long-term filtration performance.



Honeywell style



Standard style

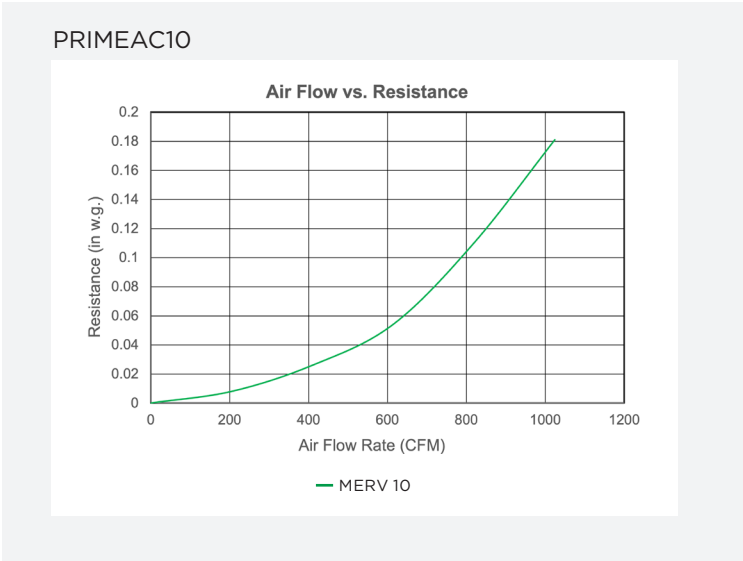


The PrimeAC filter broken apart

PRIMEAC10
PERFORMANCE DATA

Nominal Depth	Nominal Size (in.) (WxHxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.)	Weight	Part Number	Filter Configuration
		Width	Height	Depth					
3"	16x25x3	15.75	24.25	2.94	830	0.11	1.80	21610-031625	A
	16x25x5	15.75	24.25	4.94	830		2.15	21610-051625	A
	20x20x5	19.75	20.75	4.94	830		2.13	21610-052020	A
	20x25x5	19.75	24.25	4.94	1040		2.53	21610-052025	A
5"	16x20x5	15.75	19.88	4.25	665		1.71	21610-051620-HW	B
	16x25x5	15.75	24.75	4.38	830		2.09	21610-051625-HW	B
	20x20x5	19.88	19.69	4.25	830		2.00	21610-052020-HW	B
	20x25x5	19.75	24.63	4.25	1040		2.47	21610-052025-HW	B

TECHNICAL DATA



- Notes:
- 3 in. frame depth only for 16x25x3
 - Recommended final resistance = 1.50 in. w.g.
 - 5 in. depth is rated at 300 FPM
 - 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

LOCAL REPRESENTATIVE

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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