

ProCell Plus ASHRAE Medium & High Efficiency Rigid Air Filters

FEATURES

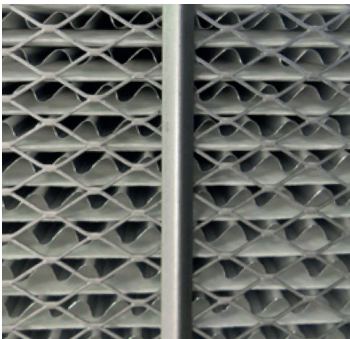
- Glass microfiber media
- Galvanized frame
- Aluminum media separators
- Available in MERV 11, MERV 13, and MERV 14



PROCELL PLUS ASHRAE CONSTRUCTION & APPLICATIONS



Adhesive seal



Cross brace and faceguard with media pack

ProCell Plus ASHRAE filters are extended-surface rigid filters available in three efficiencies: MERV 11, 13 and 14. Manufactured to the highest quality standards, ProCell Plus ASHRAE filters deliver trusted and dependable performance. The microfiber media offers moisture resistance and high efficiency with frames that are available in a range of depths with various header options. Gasketing is available and is recommended to reduce the bypass of unfiltered air.

The ProCell Plus ASHRAE media can endure intermittent exposure to water with only a temporary rise in resistance. The media pack features aluminum separators that have been rolled and tapered and placed between each pleat to enhance stability and to ensure maximum air flow at a minimal resistance. The media utilized in the ProCell Plus ASHRAE does not rely on any electrostatic enhancements but relies on mechanical

filtration. The media is also bidirectional allowing for 'reverse' installation.

The ProCell Plus ASHRAE filter's standard frame is constructed of 24 gauge galvanized steel and is available with a single or double header. All frames are available in nominal 12" and 6" depths. An adhesive seal around the perimeter of the media pack is used to create a positive seal that eliminates the bypass of air.

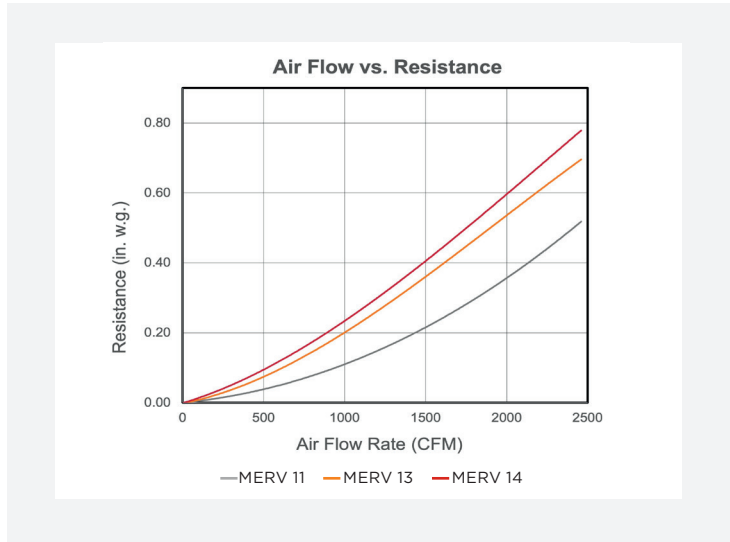
All metal-framed ProCell Plus ASHRAE filters have a metal cross-brace on the downstream side of the media pack and the joints in the frame are pop-riveted together. Faceguards are available for more rigorous applications for added rigidity and increased protection of the media pack. The optional faceguards can be added to either the downstream, upstream or on both faces of the media pack.

**PROCELL PLUS ASHRAE
PERFORMANCE DATA**

Nominal Depth	Nominal Size (in.) (WxHxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.) - ProCell Plus ASHRAE		
		Width	Height	Depth		M11	M13	M14
12"	12x24x12	11.38	23.38	11.50	1100	0.34	0.51	0.58
	20x20x12	19.38	19.38		1400			
	20x24x12	19.38	23.38		1650			
	24x24x12	23.38	23.38		2000			

- Notes:
- 12" deep filters are rated at 500 fpm.
 - Filters designed to operate bidirectional.
 - Performance data is based on ASHRAE Test Standards 52.2 - 2017.

TECHNICAL DATA



ADDITIONAL PROCELL PLUS FILTERS

ProCell Plus MIF - Machinery intake filters are specifically designed for the rotating machinery industry. The ProCell Plus MIF filter's robust construction enables it to withstand the extraordinary operating parameters associated with centrifugal compressors, gas turbines and engines where severe pulsing and surging can occur, in either air flow direction. The ProCell Plus MIF is available in MERV 11 (60-65%) and MERV 14 (90-95%) efficiencies and in either single or double header configurations.

ProCell Plus HT - High temperature filters are designed for applications that demand high efficiency in a high temperature environment, such as automotive finishing ovens. The ProCell Plus HT is manufactured to handle the demands of these extreme environments and is available in 500°F, 750°F and 900°F models in MERV 11 (60-65%) and MERV 14 (90-95%) efficiencies with either a single or double header.

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