

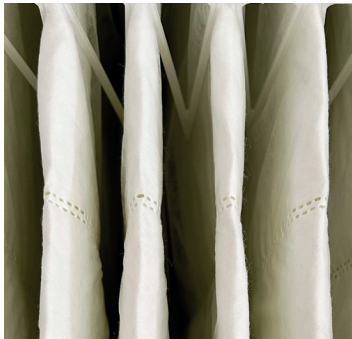
# ProCell Ultra HVAC Box Filters

## FEATURES

- MERV 11, 13 and 14 efficiencies
- Synthetic media
- Available with or without header
- Reduces energy costs
- Rigid construction for use in VAV systems
- Sturdy internal supports



## PROCELL ULTRA CONSTRUCTION & APPLICATIONS



Rigid pocket construction

The ProCell Ultra synthetic rigid box filters are designed with rigid construction features including cross bracing for use in variable-air-volume (VAV) systems and sturdy internal plastic supports. Available in a variety of efficiencies, the ProCell Ultra filters reduce energy consumption due to their low resistance or pressure drop.

The ProCell Ultra has 100% synthetic fibers that form into a double stage graded-density pad which ensures full media usage, complete depth loading and high dust holding capacity. The synthetic media is exceptionally strong and will not shed, even under extreme conditions such as high moisture.

The upstream layer loft captures multiple ranges of particles effectively while the downstream rigid spun-bonded synthetic creates reinforced strength. ProCell Ultra

filters are offered in a no header 'box'-style or a single header style frame - both of which are constructed of reinforced polypropylene. The single-header style frame will fit into any OEM side access housing. Our no-header 'box'-style is designed to fit into holding frame applications that utilize spring clips. This version of the ProCell is for use in high efficiency air filtration applications, including those with adverse climate conditions.



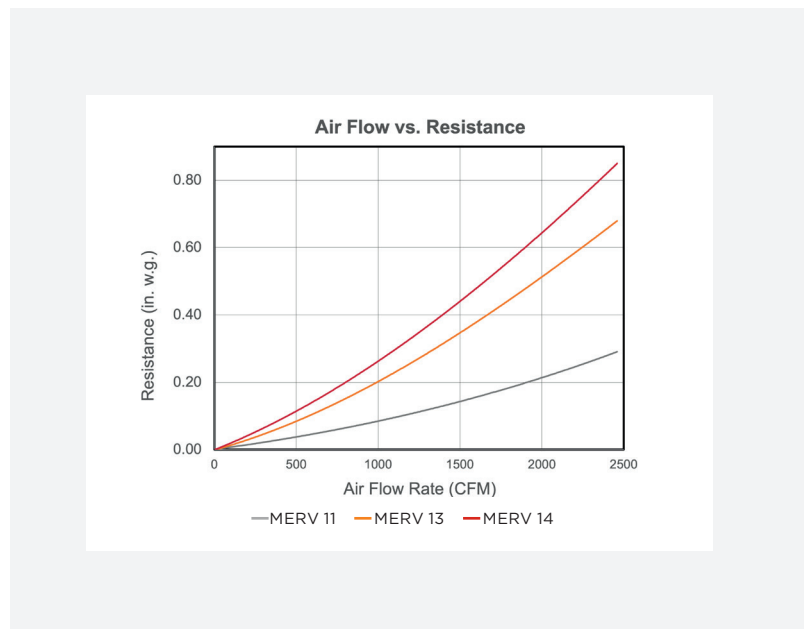
Media spacer

**PROCELL ULTRA  
PERFORMANCE DATA**

Nominal Depth	Nominal Size (in.) (WxHxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.) - ProCell Ultra		
		Width	Height	Depth		M11	M13	M14
12"	12x24x12	11.38	23.38	11.50	1100	0.21	0.50	0.63
	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**



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**