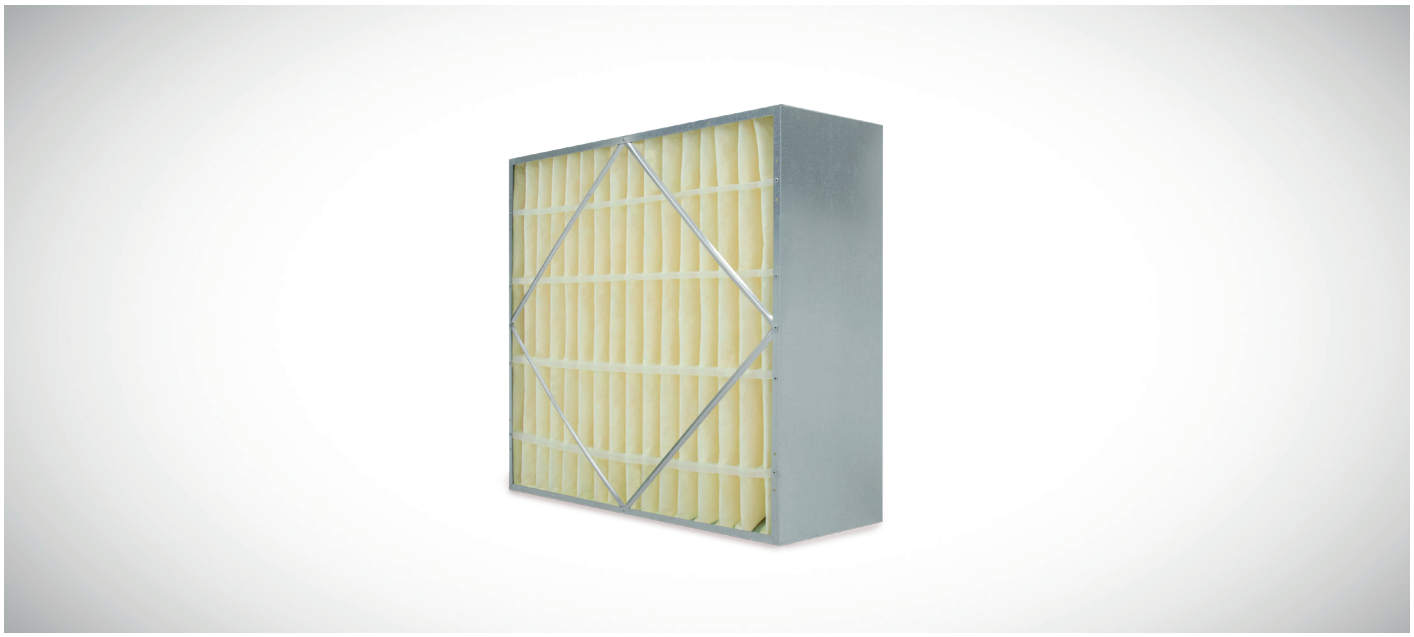
ProCell Series
HVAC Box Filters
Product Brochure

MANN+HUMMEL

ProCell Elite HVAC Box Filters

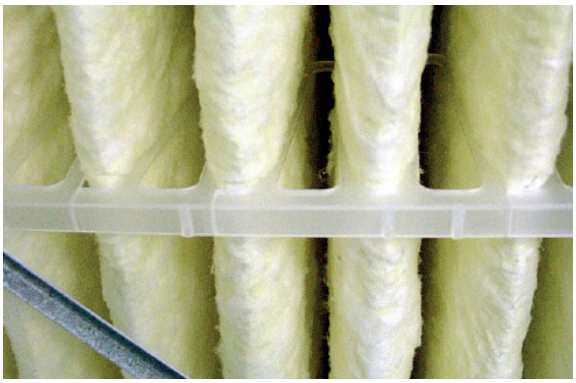


PROCELL ELITE

The ProCell Elite fiberglass 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 Elite filters reduce energy consumption due to their low resistance or pressure drop. The ProCell Elite's media is an ultrafine microfiberglass that forms into a gradually dense high loft layer which provides low resistance to air flow and high dust holding capacity. This version of the ProCell is for use in high efficiency air filtration applications, including those where adverse climate conditions may occur.

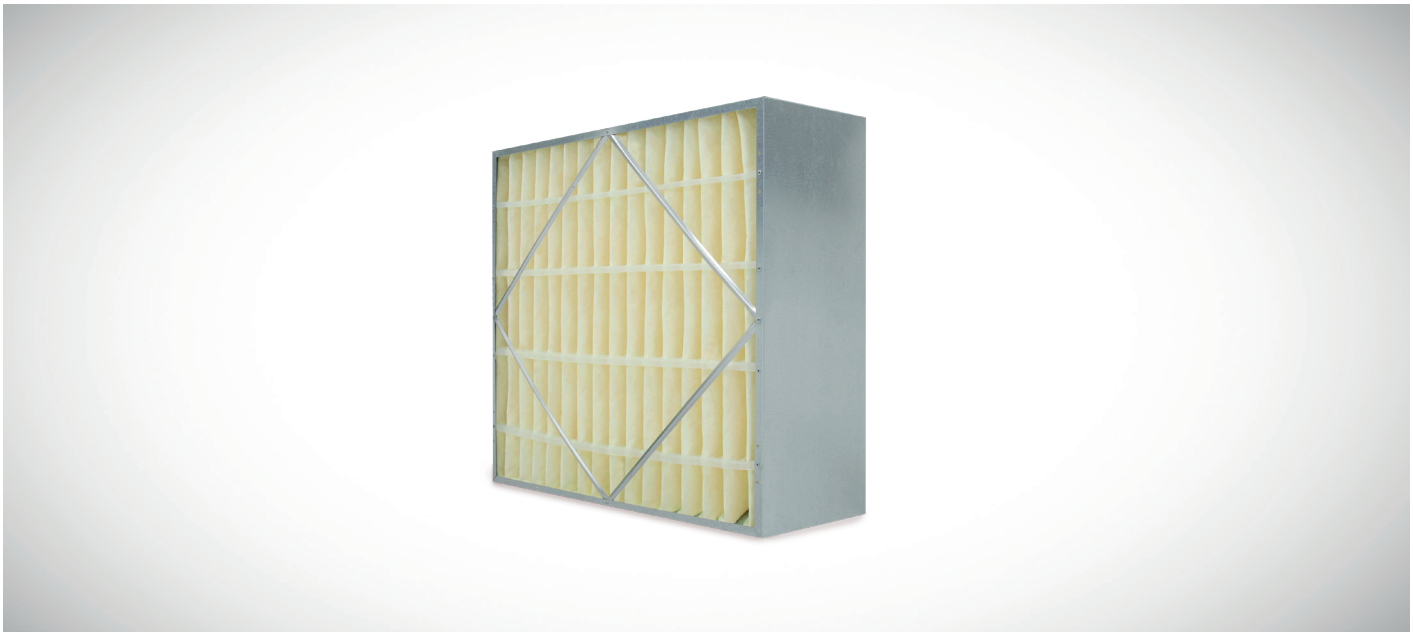
- MERV 11, 13 and 14 efficiencies
- Air laid microfiberglass media
- Available with or without header
- Reduces energy costs
- Rigid construction for use in VAV systems
- Sturdy internal supports

CONSTRUCTION



Media spacer

ProCell Ultra
HVAC Box Filters



PROCELL ULTRA

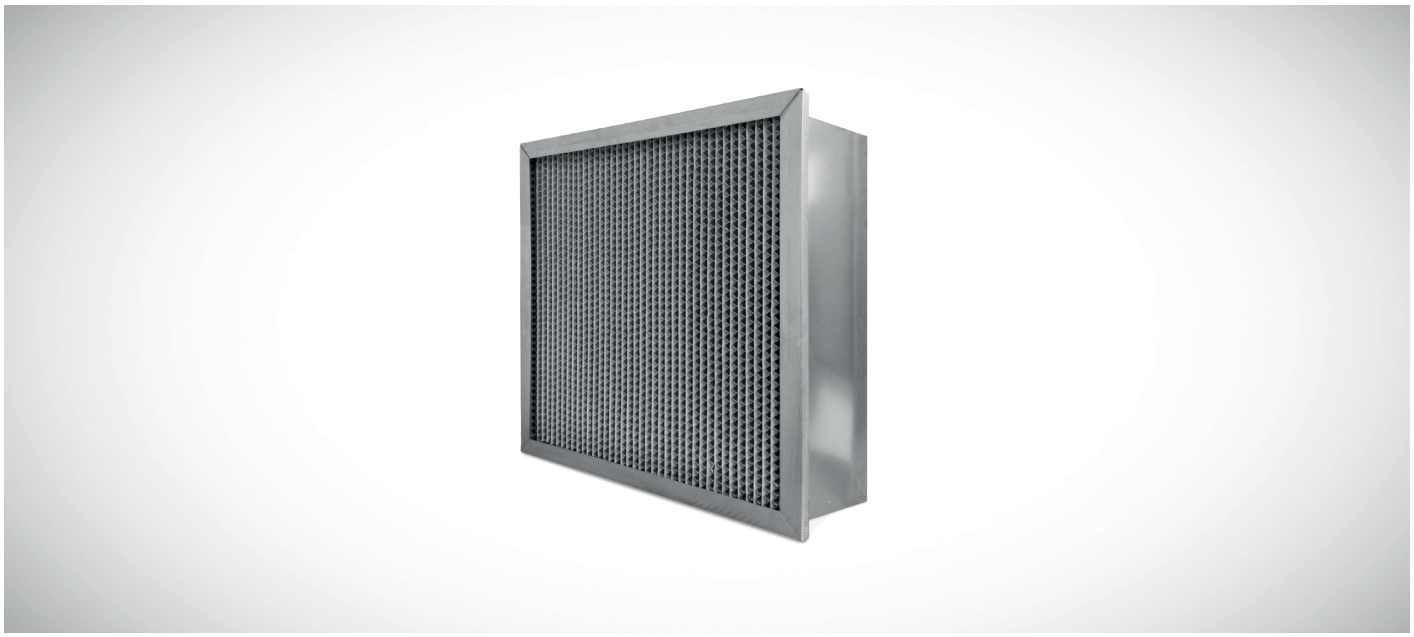
The ProCell Ultra synthetic rigid box filters are designed with rigid construction features including cross bracing for use in variable-air-volume (VAV) systems and sturdy internal plastic supports. Available in a variety of efficiencies, the ProCell Ultra filters reduce energy consumption due to their 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. This version of the ProCell is for use in high efficiency air filtration applications, including those where adverse climate conditions may occur.

- 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

CONSTRUCTION

Media spacer

ProCell Plus ASHRAE HVAC Box Filters

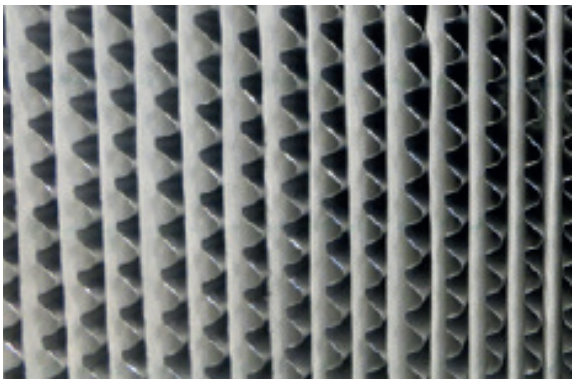


PROCELL PLUS ASHRAE

ProCell Plus ASHRAE HVAC box filters are rigid style filters that are available in a variety of styles to meet the needs of your specific applications. The ProCell Plus utilizes glass microfibers that are configured to maximize service life. The ProCell Plus media is water resistant and can endure intermittent exposure to water with only a temporary rise in resistance. The media pack also 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 ProCell Plus has a standard frame that is constructed of 24-gauge galvanized steel. Other frame styles available include single header and double header and are available in either nominal 12" and 6" depths. 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.

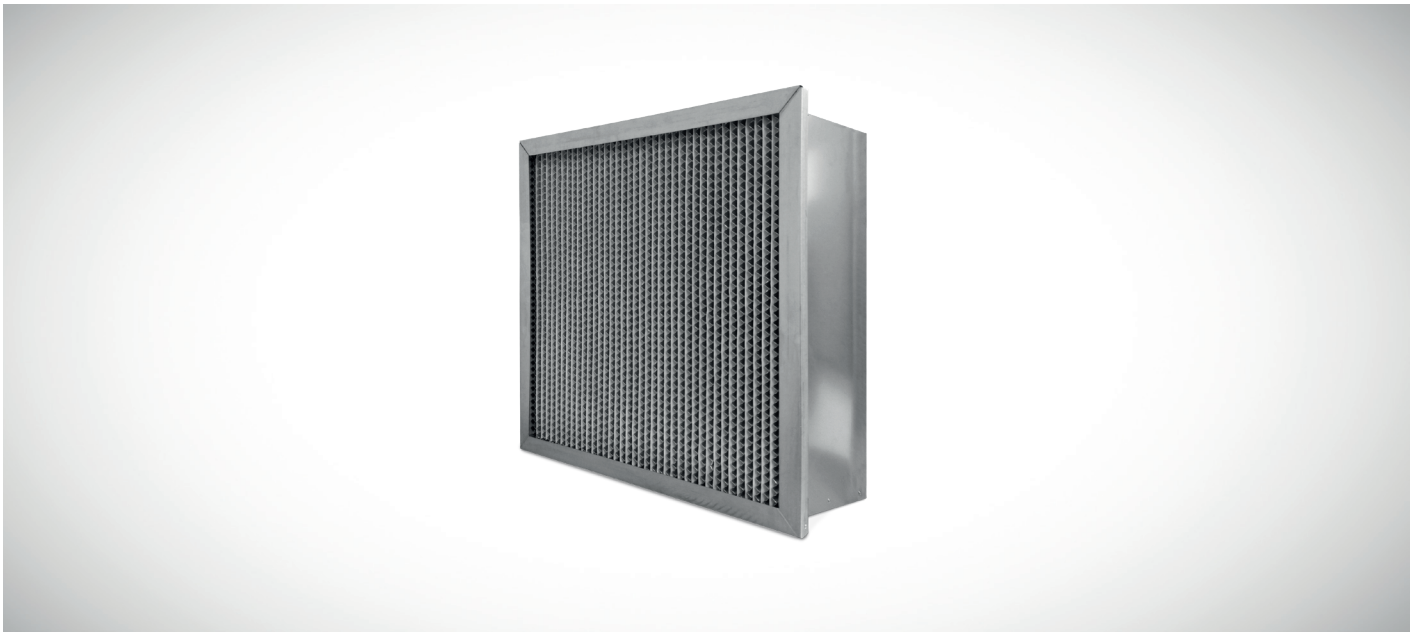
- Available in MERV 11, 13 and 14
- 24-gauge galvanized steel frame
- Available in single or double header frame style
- Moisture-resistant fiberglass media with aluminum separators
- Suitable for use in VAV systems

CONSTRUCTION



Aluminum separators

ProCell Plus HT
HVAC Box Filters

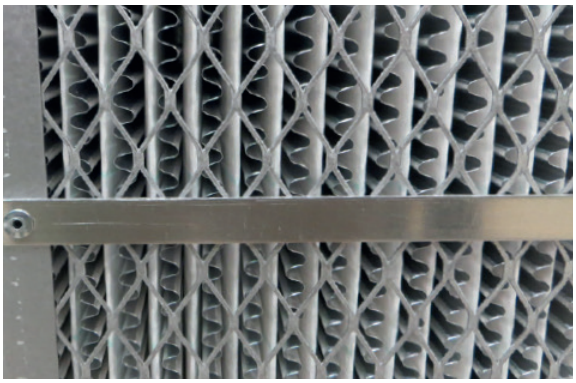


PROCELL PLUS HT

The ProCell Plus HT are ASHRAE grade, rigid box style, high temperature filters that are designed for use in 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 and in either single or double header configurations.

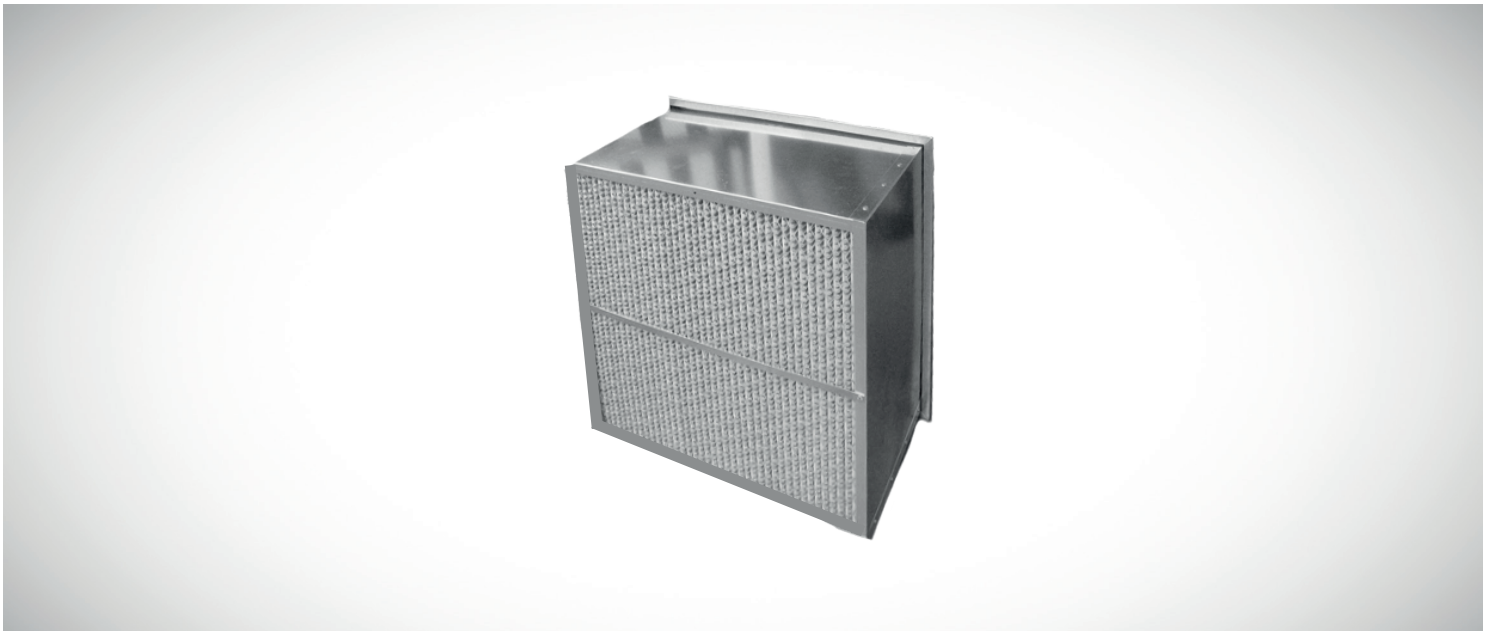
- For use in demanding environments
- Available in MERV 11 and 14 efficiencies
- Glass microfiber media
- Aluminized steel frame
- Equipped with faceguards upstream and downstream

CONSTRUCTION



Cross brace faceguard

ProCell Plus MIF
HVAC Box Filters



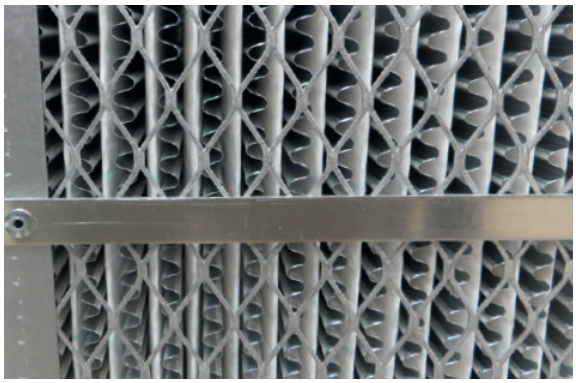
PROCELL PLUS MIF

The ProCell Plus MIF are rigid box style, machinery intake filters specifically designed for the rotating machinery industry - centrifugal compressors, gas turbines and engines where severe pulsing and surging can occur in either air flow direction. The ProCell Plus MIF'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.

- For use in demanding environments
- Available in MERV 11 and 14 efficiencies
- Glass microfiber media
- 24 gage galvanized steel frame
- Equipped with faceguards upstream and downstream

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.

CONSTRUCTION



Cross brace faceguard

LOCAL REPRESENTATIVE

MANN+HUMMEL

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