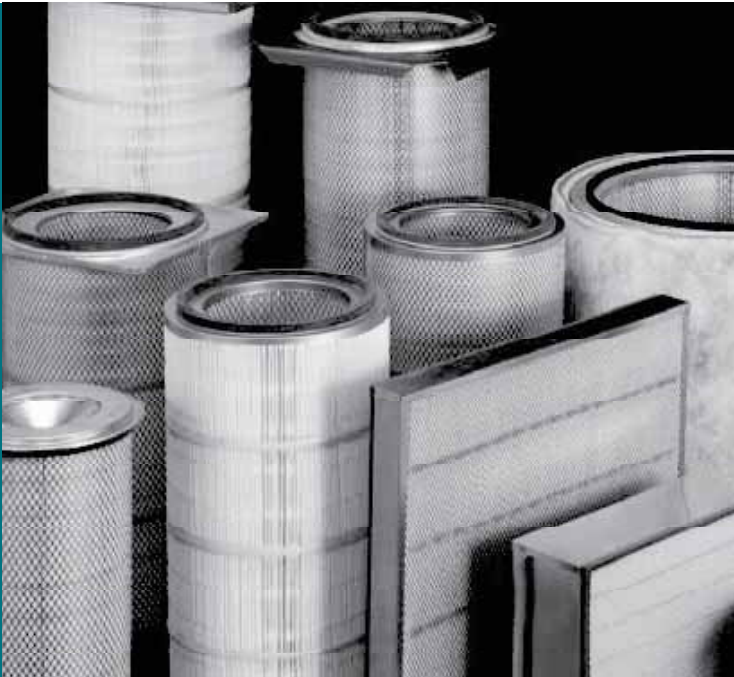


ProTura Technology



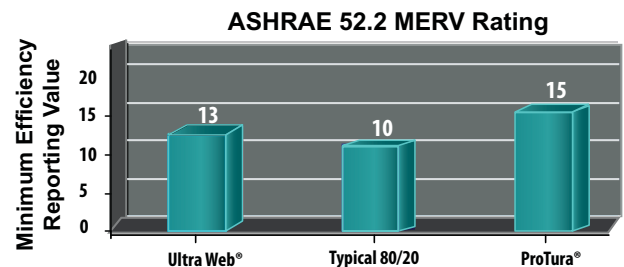
- ❖ 51% more efficient than Ultra Web®
- ❖ More fibers = better surface loading
- ❖ Saves compressed air & energy costs
- ❖ Reduced outlet emissions = cleaner air
- ❖ Less pulsing & stress = longer filter life
- ❖ Reduced downtime

ProTura® is the most advanced filtration technology media and pleated cartridge element available on the market.

Mac Process powered by ProTura® has the finest fibers and highest MERV rating in the industry. Nanofiber Technology will increase efficiency, reduce emissions and lengthen filter service life in your dust collector.

Independent lab tests show that ProTura® Nanofiber Technology is the only cartridge with a MERV 15 rating based on ASHRAE Test Standard 52.2. Nanofiber Technology is more than 50% more efficient on 0.3-1.0 micron particulate than the Ultra Web®.

In full lab testing utilizing an eight (8) cartridge dust collector, ProTura® Nanofiber Technology stabilized at a much lower pressure drop than the competition, requiring less pulse cycles. The Ultra Web® pulsed 18% more often than ProTura® Nanofiber Technology. Less pulsing saves



compressed air and reduces stress on the filter leading to a longer filter service life.

In full lab testing utilizing an eight (8) cartridge dust collector and atomite for test dust, ProTura® Nanofiber Technology emitted less containment than the Ultra Web®. The key is the nanofiber, not the substrate. Superior sub-micron (0.3-1.0 microns) particle capture leads to lower emissions of contaminant.

Filter Cartridge Specifications:

Dimensions:	Height: Outside Diameter: Inside Diameter:	26" 14.40" 11.40"	Filter Media Area:	254 ft ²
Top End Cap:	Material: Style:	Electro Galvanized (22 ga) Open	Pleat Count:	350 +/- 2
Bottom End Cap:	Material: Style:	Electro Galvanized (22 ga) Open	Media Type:	ProTura Nanofiber Technology
Gasket:	2 - 5/8" x 5/8" x 11.75" ID Isoprene Applied on Top Cap		Permeability:	20 cfm/ft ² @ 0.5" w.g. 160 L/sec/m ² @ ΔP 20 mm w.g.
Inner Retainer:	Electro Galvanized Expanded Metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% Open Area		Maximum Temperature:	180° F (82.22° C)
Outer Retainer:	2-Woven Bands		Minimum Efficiency Reporting Value:	MERV 15 @ 900 cfm
			Initial Efficiency:	99.99% @ 0.5 micron

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