

# Advanced Nanofiber Filtration Technology

## TECHNICAL DATA

### FILTER CARTRIDGE SPECIFICATIONS

ITEM NUMBER: NF20138

<b>Dimensions:</b>	<b>Height:</b>	<b>52"</b>
	<b>Outside Diameter:</b>	<b>12.75"</b>
	<b>Inside Diameter:</b>	<b>8.375"</b>
<b>Top End Cap:</b>	<b>Material:</b>	<b>Electro Galvanized (22 ga)</b>
	<b>Style:</b>	<b>Open with 1.5" Lip Flange</b>
<b>Bottom End cap:</b>	<b>Material:</b>	<b>Electro Galvanized (22 ga)</b>
	<b>Style:</b>	<b>Closed</b>
<b>Gasket:</b>	<b>1/2" x 1/2" x 11.25" ID isoprene applied to open cap</b>	
<b>Inner Retainer:</b>	<b>Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area</b>	
<b>Outer Retainer:</b>	<b>Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area</b>	
<b>Filter Media Area:</b>	<b>420 ft<sup>2</sup></b>	
<b>Pleat Count:</b>	<b>300 +/- 2</b>	
<b>Media Type:</b>	<b>Nanofiber Technology</b>	
<b>Permeability:</b>	<b>20 cfm/ft<sup>2</sup> @ 0.5" w.g. 160 L/sec/m<sup>2</sup> @ ΔP 20 mm w.g.</b>	
<b>Maximum Temperature:</b>	<b>180° F (82.22° C)</b>	
<b>Minimum Efficiency Reporting Value:</b>	<b>Merv 15 @ 500 cfm</b>	
<b>Initial Efficiency:</b>	<b>99.999% @ 0.5 micron</b>	