

## TECHNICAL DATA

### FILTER CARTRIDGE SPECIFICATIONS

ITEM NUMBER: NF20190

<b>Dimensions:</b>	<b>Height:</b>	<b>34.5"</b>
	<b>Outside Diameter:</b>	<b>16.05"</b>
	<b>Inside Diameter:</b>	<b>11.475"</b>
<b>Top End Cap:</b>	<b>Material:</b>	<b>Electro Galvanized (22 ga)</b>
	<b>Style:</b>	<b>Open</b>
<b>Bottom End cap:</b>	<b>Material:</b>	<b>Electro Galvanized (22 ga)</b>
	<b>Style:</b>	<b>Closed</b>
	<b>Bolt Hole:</b>	<b>0.54"</b>
<b>Gasket:</b>	<b>1/2" x 1/2" x 14.5" ID Neoprene applied on Top 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>355 ft<sup>2</sup></b>	
<b>Media Type:</b>	<b>Premium Proprietary Cellulose/ Polyester Blend With <i>ProTura</i> Nanofiber Technology</b>	
<b>Permeability:</b>	<b>25 cfm/ft<sup>2</sup> @ 0.5" w.g. 186.4 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 @ 900 cfm</b>	

**Particle Efficiency:**

Particle Size Ranges - μm			
Minimum Average Efficiency	(E1) 0.3 – 1.0	(E2) 1.0 – 3.0	(E3) 3.0 -10.0
	<b>89.0%</b>	<b>98.3%</b>	<b>99.8%</b>

Data per Ashrae Test Standard 52.2 – Independently tested to ensure validity – Test reports provided upon request.