

# *ProTura*<sup>®</sup>

*Nanofiber Technology*

## TECHNICAL DATA

**FILTER CARTRIDGE SPECIFICATIONS**

**ITEM NUMBER: NF40045-L**

<b>Dimensions:</b>	<b>Height:</b>	26"
	<b>Outside Diameter:</b>	12.85"
	<b>Inside Diameter:</b>	9.479"
<b>Top End Cap:</b>	<b>Material:</b>	Electro Galvanized (22 ga)
	<b>Style:</b>	Open
<b>Bottom End cap:</b>	<b>Material:</b>	Electro Galvanized (22 ga)
	<b>Style:</b>	Open
<b>Gasket:</b>	1/2" x 1/2" x 11.75" ID isoprene sponge applied on top cap	
<b>Inner Retainer:</b>	Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area	
<b>Outer Retainer:</b>	Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area	
<b>Filter Media Area:</b>	190 ft <sup>2</sup>	
<b>Media Type:</b>	<b>ProTura</b> Fire Retardant Nanofiber Technology	
<b>Permeability:</b>	20 cfm/ft <sup>2</sup> @ 0.5" w.g. 160 L/sec/m <sup>2</sup> @ ΔP 20 mm w.g.	
<b>Maximum Temperature:</b>	180° F (82.22° C)	
<b>Minimum Efficiency Reporting Value:</b>	MERV 15 @ 900 cfm	
<b>Particle Efficiency:</b>		

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

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