CLARK FILTER
a CLARCOR company

ProTura®

Nanofiber Technology

TECHNICAL DATA

FILTER CARTRIDGE SPECIFICATIONS

ITEM NUMBER: NF40091

Dimensions:	**Height:**	**16”**
	Outside Diameter:	**12.75"**
	Inside Diameter:	**8.375”**
Top End Cap:	**Material:**	**Electro Galvanized (22 ga)**
	Style:	**Open with 14” x 16” Farr Style Flange**
Bottom End cap:	**Material:**	**Electro Galvanized (22 ga)**
	Style:	**Closed**
Gasket:	**3/8" x 1/2" x 10.09" ID isoprene sponge applied on top cap**	
Inner Retainer:	**Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area**	
Outer Retainer:	**Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area**	
Filter Media Area:	**140 ft²**	
Media Type:	***ProTura* Fire Retardant Nanofiber Technology**	
Permeability:	**20 cfm/ft² @ 0.5" w.g.** **160 L/sec/m² @ ΔP 20 mm w.g.**	
Maximum Temperature:	**180° F (82.22° C)**	
Minimum Efficiency Reporting Value:	**MERV 15 @ 900 cfm**	

Particle Efficiency:

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.

ISO 9001:2000 Registered