

ProTura®

Nanofiber Technology

TECHNICAL DATA

FILTER CARTRIDGE SPECIFICATIONS

ITEM NUMBER: NF20430

Dimensions:	Height:	39"
	Outside Diameter:	12.74"
	Inside Diameter:	8.375"
Top End Cap:	Material:	Electro Galvanized (22 ga)
	Style:	Open with 14 x 16 Flange
Bottom End cap:	Material:	Electro Galvanized (22 ga)
	Style:	Closed
Gasket:	(1) ½" x ½" x 11.75"ID & (1) ½" x ½" x 10.25"ID gasket applied to square endcap	
Inner Retainer:	Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area	
Outer Retainer:	4 Nylon Bands w/hotmelt overlay	
Filter Media Area:	340 ft²	
Media Type:	ProTura 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.