

# ProTura®

*Nanofiber Technology*

## TECHNICAL DATA

### FILTER CARTRIDGE SPECIFICATIONS

ITEM NUMBER: NF40203

|  |   |                                   |
|--|---|-----------------------------------|
| <b>Dimensions:</b>                         | <b>Height:</b>  | <b>23"</b>                        |
|  | <b>Outside Diameter:</b>  | <b>14.40"</b>                     |
|  | <b>Inside Diameter:</b>   | <b>11.40"</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>Open</b>                       |
| <b>Gasket:</b>                             | <b>2 - 5/8" x 5/8" x 11.75" ID isoprene 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>165 ft<sup>2</sup></b>   |                                   |
| <b>Media Type:</b>                         | <b><i>ProTura</i> Fire Retardant Nanofiber Technology</b>                               |                                   |
| <b>Permeability:</b>                       | <b>20 cfm/ft<sup>2</sup> @ 0.5" w.g.<br/>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 @ 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.