

# ProTura®

Nanofiber Technology  
**TECHNICAL DATA**

**FILTER CARTRIDGE SPECIFICATIONS**

**ITEM NUMBER: NF20159**

|  |   |   |
|--|---|---|
| <b>Dimensions:</b>                         | <b>Height:</b>  | <b>26" (660 mm)</b>                           |
|  | <b>Outside Diameter:</b>  | <b>17.61" (447.29 mm)</b>                     |
|  | <b>Inside Diameter:</b>   | <b>14.00" (355.6 mm)</b>                      |
| <b>Top End Cap:</b>                        | <b>Material:</b>  | <b>Electro Galvanized (22 ga)</b>             |
|  | <b>Style:</b>   | <b>Open-18.82" (478.05 mm)<br/>Lip Flange</b> |
| <b>Bottom End cap:</b>                     | <b>Material:</b>  | <b>Electro Galvanized (22 ga)</b>             |
|  | <b>Style:</b>   | <b>Closed</b>                                 |
| <b>Gasket:</b>                             | <b>1/2" x 1/2" x 17.75" ID isoprene sponge applied on top cap under flange</b>  |   |
| <b>Inner &amp; Outer Retainers:</b>        | <b>Electro galvanized expanded includes wrap with spring retainer on inner</b>  |   |
| <b>Filter Media Area:</b>                  | <b>226 ft<sup>2</sup> (21m<sup>2</sup>)</b>   |   |
| <b>Media Type:</b>                         | <b>Premium Proprietary Moisture Resistant Cellulose/Polyester Blend with Advanced <i>ProTura</i> Nanofiber Technology</b> |   |
| <b>Permeability:</b>                       | <b>25 cfm/ft<sup>2</sup> @ 0.5" w.g.<br/>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>  |   |
| <b>Particle Efficiency:</b>                |   |   |

| Particle Size Ranges - μm  |           |            |            |           |
|----------------------------|-----------|------------|------------|-----------|
| Minimum Average Efficiency | 0.3 - 0.4 | 0.4 - 0.55 | 0.55 - 0.7 | 0.7 - 1.0 |
| with no dust loading       | 78.30%    | 84.60%     | 89.30%     | 93.40%    |

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