



The Specialty Membrane Company

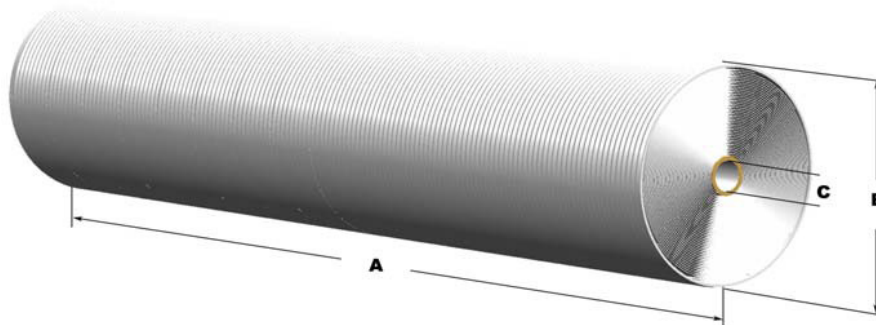
## PRODUCT SPECIFICATION

### 8" UF TurboClean® Sanitary Element

| Model                              | Nominal<br>M.W.C.O. |
|------------------------------------|---------------------|
| <b>TurboClean® UF 8038-UF10-46</b> | 10,000              |

#### OPERATIONAL AND DESIGN DATA

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Membrane Type .....                 | UF10 Advanced Ultrafiltration Membrane                    |
| Configuration .....                 | Spiral Wound, Sanitary Element                            |
| Active Membrane Area .....          | 290 ft <sup>2</sup> (27 m <sup>2</sup> )                  |
| Typical Applied Pressure .....      | 30 - 150 psi (2 - 10 bar)                                 |
| Maximum Applied Pressure .....      | 300 psi (20 bar)                                          |
| Maximum Operating Temperature ..... | 122°F (50°C)                                              |
| Feed pH Range .....                 | 2 - 11 continuous                                         |
| Chlorine Tolerance .....            | 180 ppm for sanitization @ pH ≥ 10.5                      |
| Maximum Feed Flow .....             | 80 GPM (18 m <sup>3</sup> /hr)                            |
| Maximum Pressure Drop .....         | 15 psi (1 bar) per element; 60 psi (4 bar) across housing |
| Replaces Models .....               | TurboClean® UF 8038-46, 8038-N6D9V9                       |



|                 |                                                                   |                             |                                     |
|-----------------|-------------------------------------------------------------------|-----------------------------|-------------------------------------|
| Element Weight: | 36 lbs. (16 kg)                                                   |                             |                                     |
| Length (A):     | 38.0" (965 mm)                                                    | Diameter (B): 7.9" (200 mm) | Permeate Tube (C): 1.125" (28.6 mm) |
| Permeate Tube:  | Polysulfone tube; Interconnect and ATDs not included with element |                             |                                     |
| Feed Spacer:    | 0.046" thick diamond spacer                                       |                             |                                     |



**Engineered Membrane  
SOLUTIONS**

**LENNTECH**

info@lenntech.com Tel. +31-152-610-900  
www.lenntech.com Fax. +31-152-616-289