



## PRODUCT SPECIFICATION

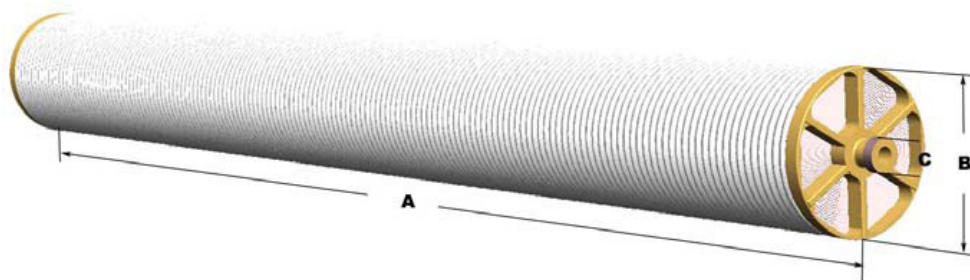
### 3838 RO TurboClean® Sanitary Element

| Model                              | Permeate Flow<br>GPD (m3/day)* | Average Salt<br>Rejection (%) | Minimum Salt<br>Rejection (%) |
|------------------------------------|--------------------------------|-------------------------------|-------------------------------|
| <b>TurboClean® RO 3838-ACM2-46</b> | 1,300 (4.9)                    | 99.5                          | 98.5                          |

\* Performance is based on the following test conditions: 2,000 ppm NaCl, 225 psi, 77°F (25°C), 15% recovery, pH 8.0, 30 minutes operation. Individual element permeate flow may vary +/- 20%.

#### OPERATIONAL AND DESIGN DATA

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Membrane Type .....                 | ACM Fully Aromatic Polyamide Advanced Composite Membrane  |
| Configuration .....                 | Spiral Wound, Sanitary Element                            |
| Active Membrane Area .....          | 53 ft <sup>2</sup> (4.9 m <sup>2</sup> )                  |
| Typical Applied Pressure .....      | 300 - 500 psi (21 - 35 bar)                               |
| Maximum Applied Pressure .....      | 600 psi (41 bar)                                          |
| Maximum Operating Temperature ..... | 122°F (50°C)                                              |
| Feed pH Range .....                 | 3 - 10 continuous                                         |
| Chlorine Tolerance .....            | <0.1 ppm                                                  |
| Maximum Feed Flow .....             | 30 GPM (6.8 m3/hr)                                        |
| Maximum Pressure Drop .....         | 15 psi (1 bar) per element; 60 psi (4 bar) across housing |
| Part Number .....                   | 192060388                                                 |
| Replaces Model(s) .....             | 3838-M2C9V6, 3838-M2D7V6                                  |



|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| Element Weight:    | 15 lbs. (7 kg)                                                         |
| Length (A):        | 38.0" (965 mm)                                                         |
| Diameter (B):      | 3.8" (96 mm)                                                           |
| Permeate Tube (C): | 0.83" (21.2 mm)                                                        |
| Permeate Tube:     | Polysulfone Sanitary Style tube; ATD/coupler not included with element |
| Feed Spacer:       | 0.046" thick diamond spacer                                            |



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