



Meet Your Filtration Needs Is Our Goal.

## SS-UE003-6338

UF Membrane for Pharmaceutical, Biological, Food and Dairy Applications

### PRODUCT DESCRIPTION

|                            |   |
|----------------------------|---|
| <b>Membrane Chemistry:</b> | Proprietary semi-permeable polyethersulfone (PES)                         |
| <b>Membrane MWCO:</b>      | 3,500 Daltons   |
| <b>Construction:</b>       | Sanitary spiral wound element with net outer wrap                         |
|                            | Feed spacer: F=31 mil, G=46 mil, H=65 mil, I=80 mil                       |
| <b>Options:</b>            | Outer wrap: N= Control Bypass without Tail<br>T= Control Bypass with Tail |

### SPECIFICATIONS

| Model         | Active Membrane Area              |                                   |                                   |                                   |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|               | FN/T Spacer (31mil)               | GN/T Spacer (46mil)               | HN/T Spacer (65mil)               | IN/T Spacer (80mil)               |
|               | ft <sup>2</sup> (m <sup>2</sup> ) | ft <sup>2</sup> (m <sup>2</sup> ) | ft <sup>2</sup> (m <sup>2</sup> ) | ft <sup>2</sup> (m <sup>2</sup> ) |
| SS-UE003-6338 | 228 (21.2)                        | 171 (15.8)                        | 133 (12.3)                        | 110 (10.2)                        |

Specialty feed spacer is available.

### OPERATION SPECIFICATIONS

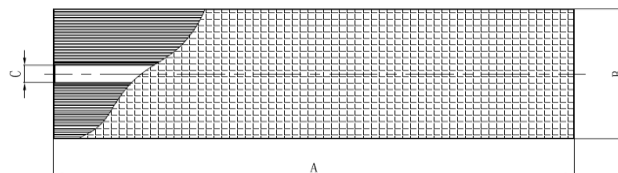
|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Typical Operation Pressure:</b>   | 30-120 psi (2.1-8.3 bar) |
| <b>Maximum Operation Pressure:</b>   | 140 psi (9.7 bar)        |
| <b>Operating Temperature Range:</b>  | 41-122°F (5-50°C)        |
| <b>Cleaning Temperature Range:</b>   | 105-122°F (40-50°C)      |
| <b>pH-Continuous Operation @25°C</b> | 2.0-10.0                 |
| <b>pH-CIP @25°C</b>                  | 1.8-11.0                 |

Contact us for specific applications.

### DESIGN PARAMETERS

|  |                                     |
|--|-------------------------------------|
| <b>Feed:</b>                             | F spacer:70-78 gpm                  |
|  | G spacer:83-93 gpm                  |
|  | H spacer:95-106 gpm                 |
|  | I spacer:110-123 gpm                |
| <b>Design Pressure Drop Per Element:</b> | F spacer:12-15 psi (0.8-1.0bar)     |
|  | G spacer:15-20 psi (1.0-1.4bar)     |
|  | H & I spacer:15-25 psi (1.0-1.7bar) |

### DIMENSIONS



| Model         | A<br>inches (mm) | B<br>inches (mm) | C<br>inches (mm) |
|---------------|------------------|------------------|------------------|
| SS-UE003-6338 | 38.0 (965)       | 6.3 (160)        | 1.138 (28.9)     |

RisingSun Membrane Technology (Beijing) Co., Ltd. [www.risingsunmem.com](http://www.risingsunmem.com)

Add: Building 2, Shunren Road No.51, Linhe Industrial Zone, Shunyi District, Beijing, China Post Code:101300

Tel:86-10-89496869 Fax:86-10-89496839 Mail: [info@risingsunmem.com](mailto:info@risingsunmem.com)