

# FFM-U8040GS-20K

rganic solution resistant ultrafiltration membrane

|             |                               |                                 |
|-------------|-------------------------------|---------------------------------|
| PRODUCT     | Membrane Chemistry:           | Special composite Membrane      |
| DESCRIPTION | Nominal retention accuracy:   | 20,000 Dalton                   |
|             | Choice scope: Diameter:       | inlet passage: (30mil), (46mil) |
|             | Through liquid pipe material: | SUS                             |

## Specification Parameter

| Water yield             | Membrane Area                     | inlet passage |
|-------------------------|-----------------------------------|---------------|
| gpd (m <sup>3</sup> /d) | ft <sup>2</sup> (m <sup>2</sup> ) | mil (mm)      |
| 18,495 (70)             | 312(29)                           | 30 (0.8)      |
| 14,531 (55)             | 247(23)                           | 46 (1.2)      |

## OPERATION PARAMETERS

|  |                   |
|--|-------------------|
| Maximum operating pressure:                      | 580 psi (40bar)   |
| Maximum operating temperature:                   | 122° F (50°C)     |
| Maximum cleaning temperature:                    | 122° F (50°C)     |
| PH range of continuous operation:                | 2-12              |
| PH range of online cleaning:                     | 1-13              |
| Design pressure drop of single membrane element: | 7.3 psi (0.5 bar) |

