

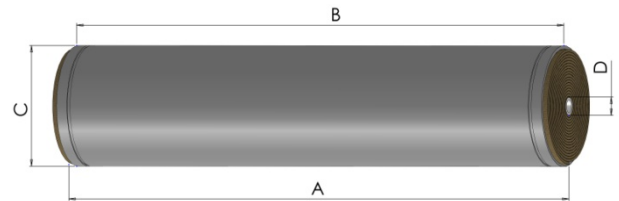
## HIGH-PERFORMANCE MEMBRANE PRODUCTS

### UF100K ELEMENT MODULE PVDF500-1038K-31

#### HIGH PERFORMANCE MODULE

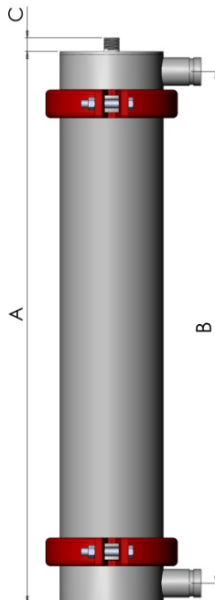
##### Physical Dimensions

|                      |  |
|----------------------|--|
| Model Number         | UF100K                                     |
| Membrane Area        | 514 ft <sup>2</sup> (47.8 m <sup>2</sup> ) |
| Body Length A        | 38 in (965 mm)                             |
| Housing Length B     | 37.2 in (946 mm)                           |
| Permeate Tube ID (D) | 1.285 in (32.64 mm)                        |
| Housing OD (C)       | 10.75in (273mm)                            |



##### Operating Parameters

|                      |                         |
|----------------------|-------------------------|
| Model Number         | UF100K                  |
| Feed Flow            | 100-117gpm (379-443lpm) |
| Inlet Pressure Max.  | 70 psi (4.9 bar)        |
| Outlet Pressure Min. | 20 psi (1.4 bar)        |
| Cleaning Temp Max.   | 120 °F (49 °C)          |
| Permeate Output      | 4.2-6.3 gpm (16-24lpm)  |
| PH Range             | CIP: 2-10; OP 2-10      |



##### Description

| Item | Description         | Material | Req. |
|------|---------------------|----------|------|
| 1    | Spiral Element      |          | 1    |
| 2    | 10" Coupling Bolt   | Steel    | 4    |
| 3    | Outlet End Cap      | SUS 304  | 1    |
| 4    | Permeate O-Ring     | EPDM     | 4    |
| 5    | 10" Coupling        | Steel    | 2    |
| 6    | 10" Coupling Nuts   | Steel    | 4    |
| 7    | Inlet End Cap       | SUS 304  | 1    |
| 8    | 10" Gasket          | EPDM     | 2    |
| 9    | Upper Permeate Plug | SUS 304  | 1    |
| 10   | Lower Permeate Plug | UPVC     | 1    |

##### Housing Assembly Size

|                  |                    |
|------------------|--------------------|
| Housing Length A | 45.94 in (1167 mm) |
| Spacing B        | 42.72 in (1085 mm) |
| Thread C         | 1.25 in (32 mm)    |

