

High Flux / Air Scouring



ULTRAFILTRATION
OUT-IN HOLLOW MEMBRANE
HYPER™ PVDF
UFP2880 / UFP2860



Overview

The Outside-In UFP PVDF Series, is a Pressurized Ultrafiltration (UF) module built with robust PVDF fibre technology and optimized for handling capacities greater than 50 m³/hr, and with relatively high turbidity.

The UFP PVDF Series, structured with the proprietary Hyper™ PVDF (permanently hydrophilic) delivering excellent performance with high permeability, low fouling, high mechanical strength.

UFP PVDF Series modules can be used for a wide variety of treatment applications such as industrial and municipal wastewaters, surface water, and seawater.

- Removal of colloids, particles and bacteria

- High tensile strength & large flux

- Convenient pre-treatment (100 µm)

- Low chemical demand

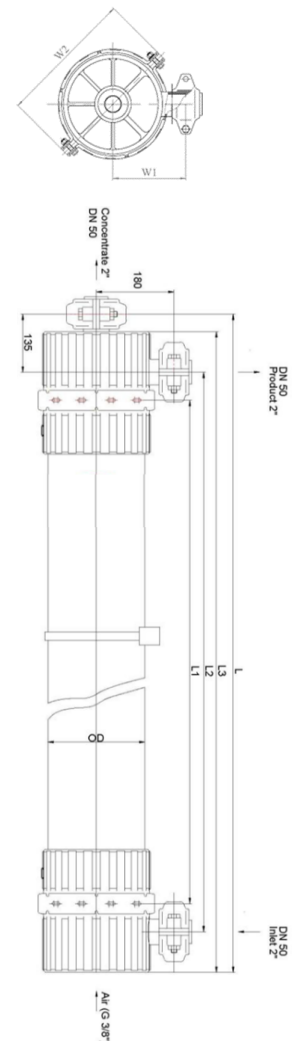
Product Specifications

| Module | ID/OD mm | Active area m ² | Filtering Precision Dalton | Material |
|---------|-------------|-------------------------------|-------------------------------|-------------|
| UFP2860 | 0.7 / 1.3 | 51 | 200,000 | Hyper™ PVDF |
| UFP2880 | | 77 | | |

| Properties Units (mm) | Length | | | | Diameter | Width | |
|--------------------------|--------|------|------|------|----------|-------|-----|
| | L | L1 | L2 | L3 | D | W1 | W2 |
| UFP-2860 | 1860 | 1500 | 1630 | 1820 | 225 | 180 | 342 |
| UFP-2880 | 2360 | 2000 | 2130 | 2320 | 225 | 180 | 342 |

Operating Specifications

| | |
|--------------------------------|--|
| Operating temperature | 1~40 °C |
| pH range (operation, cleaning) | 2~11, 1~12 |
| Operation mode | Dead-end or cross-flow + Backwash Timing |
| Initial pure water flux | 140 L/m ² .h (0.15MPa, 25°C) |
| Design filtrate flux | 30~120 L/m ² .h (0.15MPa, 25°C) |
| Operating pressure | < 0.1 MPa |
| Max. applied feed pressure | 0.4 MPa |
| Max. pressure drop | 0.20 MPa |
| Max. backwash pressure | 0.25 MPa |



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