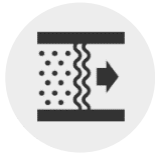


High Precision



ULTRAFILTRATION IN-OUT HOLLOW MEMBRANE HYPER™ PS UFH4040



Overview

The Inside-Out UFH-PS Series ultrafiltration (UF) membrane is optimized for purification, separation & concentration of feed liquids with relatively low turbidity.

The UFH PS Series, structured with Hyper™ PS (permanently hydrophilic polysulfone) has **the advantage of dry storage**. It is designed to deliver highest molecular weight cut-off precision, low fouling and excellent uniformity of water distribution.

- Permanently hydrophilic
- Highest precision & purity
- Resistant to pH extremes

Product Specifications

Module	ID/OD mm	Active area m ²	Filtering Precision Dalton	Material
UFH4040	1.2 / 2.0	4	6~300k	Hyper™ PS**

* MWC0 standard: 50k Dalton

**Hyper™: Permanently hydrophilic. (also available: PVDF, PAN)

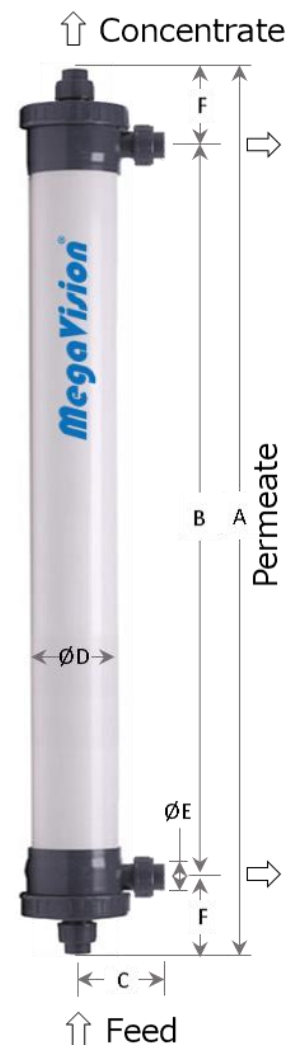
Units (mm)	A	B	C	φD	φE	F
UFH4040	1150	965	107	90	32	95

Product Performances

SDI ₁₅	<2
Permeate turbidity	<0.06NTU
Particles removal >0.1μm	>6log
Virus removal	>5log
Bacterial removal	>6log
Max. feed turbidity	200NTU

Operating Specifications

Operating temperature	5~45 °C
pH range (operation, cleaning)	3~12, 2~13
Operation mode	Dead-end or cross-flow
Initial pure water flux	150~300 L/m ² .h
Design filtrate flux	60~120 L/m ² .h
Operating pressure	<0.1 MPa
Max. applied feed pressure	0.4 MPa
Max. pressure drop	0.20 MPa
Max. backwash pressure	0.20 MPa



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