

SWUFT series UF Modules

——SWUFT8567-90

DESCRIPTION

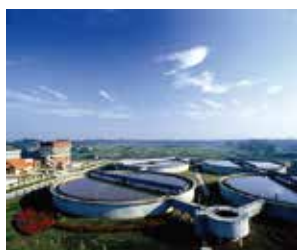
SWUFT8567-90 retrofit module is developed to replace Toray Ultrafiltration module HFUG-2020AN with compatible dimensions to make sure no pipe and fitting change is required. SWUFT8567-90 is made with hollow fiber PVDF material with high tensile strength, 0.03 μ m pore size offers equivalent permeate quality as original Toray UF modules. Customer can follow existing operation and cleaning program when using SWUFT8567-90 for replacement project, this economical replacement can lower maintenance cost significantly for end users.

FEATURES

- 0.03 μ m pore size guarantees stable permeate
- Modified hydrophilic PVDF membrane with easy wetting performance
- High tolerance to varying influent water qualities
- Reduced pretreatment requirements due to outside-in flow
- High chemical resistance
- Energy saving due to low operating pressure
- Standard models allow for easy retrofits

APPLICATIONS

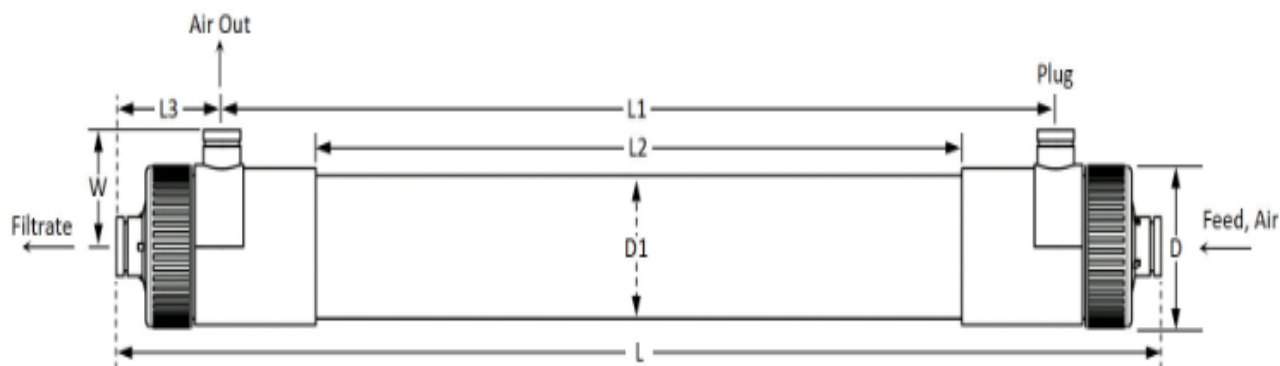
- Reverse osmosis pretreatment system
- Municipal wastewater treatment
- NSF potable water treatment
- Industrial wastewater treatment
- Wastewater recycle
- Surface and groundwater treatment



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SPECIFICATIONS



Module Specifications

Module Model	SWUFT8567-90	Dimensions L (mm/in)	2160/85.04
Membrane Surface Area (m ² /ft ²)	90 / 968.76	Dimensions L1 (mm/in)	1724/67.87
Hollow Fiber ID / OD (mm)	0.7 / 1.1	Dimensions L2 (mm/in)	1314/51.73
Pore Size (μm)	0.03	Dimensions L3 (mm/in)	218/8.58
Housing/Joint Material	UPVC	Dimensions D (mm/in)	248/9.76
Potting Material	Epoxy resin	Dimensions D1 (mm/in)	216/8.5
Flow Direction	Outside-in	Dimensions W (mm/in)	218/8.58
Wet Weight (kg)	110	Concentrate Connector	DN65/ 76.3mm
Dry Weight (kg)	60	Inlet / Outlet Connector	DN80/ 89.1mm

Operating Parameters

Continuous operation pH Range	1 - 10	Maximum air scour feed pressure (bar)	2.5
Chemical cleaning pH Range @25°C	1 - 12	Maximum backwash pressure (bar)	3
Max Feed Pressure (bar)	3	Maximum feed turbidity (NTU)	300
Max. Continuous NaClO (mg/L)	3000	Maximum feed TSS (ppm)	100
Design Flux (L/m ² ·h)	36 - 120	Max. TMP (bar)	2

Permeate Quality

Permeate Turbidity (NTU)	≤ 0.1	Permeate SDI	≤ 3.0
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