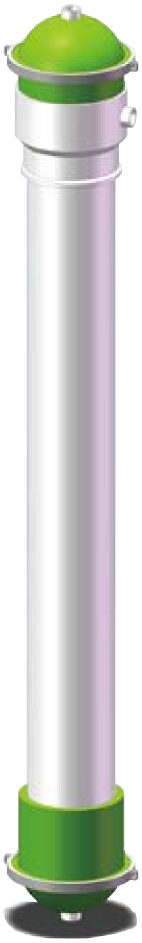
SWUFX series UF Modules

——SWUFX1346-23

DESCRIPTION

SWUFX1346-23 retrofit module is developed to replace Hyflux Kristal Ultrafiltration module K600ETN with compatible dimensions to make sure no pipe and fitting change is required. SWUFX1346-23 is made with hollow fiber PVDF material with high tensile strength. Compared with PES, it offers less fiber breakage and higher resistance to chemical cleaning concentration, customer can follow existing operation and cleaning program when using SWUFX1346-23 for replacement project, this economical replacement can lower maintenance cost significantly for end users.

FEATURES



- 0.03 μm 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

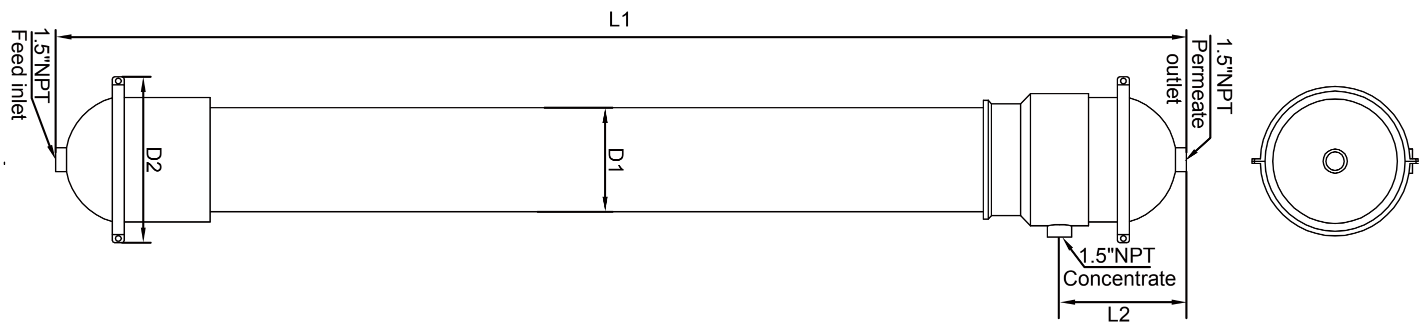
APPLICATIONS

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

SWUFX series UF Modules

——SWUFX1346-23

SPECIFICATIONS



Module Specifications			
Module Type	SWUFX1346-23	**Dimensions (D2 × L1)**	344×1,190 mm /13.5×46.9 inch
Membrane Surface Area	23 m^2/ 248 ft^2	**Feed Inlet**	1.5” NPT
Hollow Fiber ID/OD	0.7/1.3 mm	**Permeate Outlet**	1.5” NPT
Pore Size	0.03 μm	**Reject Outlet**	1.5” NPT
Tensile Force	11-12 N	**Flow Direction**	Outside-in
Housing/ End Caps Material	UPVC	**Wet Weight**	35 kg / 77 lbs
Sealant	Epoxy Resin	**Dry Weight**	60 kg/132 lbs
Operating Parameters			
Design Flux	30-136 LMH	**Backwash Flux @30℃**	200 LMH
Max. Feed Pressure	4.0 bar	**Max. Continious Chlorine**	200 ppm
Max. △TMP	2.1 bar	**Max. Cleaning NaOCl**	500 ppm
Max. Backwash Pressure	2.5 bar	**Max. Continuous NaOCl**	10 ppm
Operating Temp.	1-40℃	**Max. Feed TSS**	100 ppm
Operating pH	1-11	**Max. Inlet Turbidity**	300 NTU
Cleaning pH	1-13	**Permeate TSS**	≤ 0.5 ppm
Air Scour Flow	5-12 Nm^3/h	**Permeate Turbidity**	≤ 0.1 NTU
Max. Air Scour Pressure	2.5 bar	**Permeate SDI**	≤ 3.0