

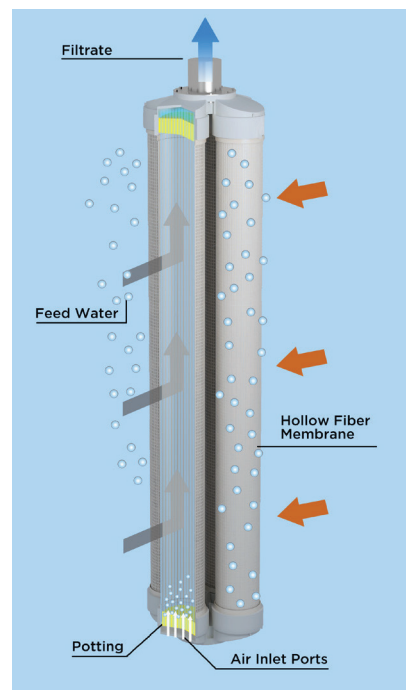


Scinor® SMT600–S26

Submerged Ultrafiltration Module

Scinor SMT600 series ultrafiltration modules utilizing our state-of-the-art Thermally Induced Phase Separation (TIPS) PVDF membranes provide the highest permeability, mechanical strength, and chemical tolerance in the industry. These modules are ideal for use in potable water, wastewater, desalination, and industrial applications. The SMT600-S26 retrofits major membrane vendor installations giving end-users a choice when replacing membranes.

Scinor SMT600-S series submerged ultrafiltration modules are applied in vacuum operation during filtration mode. Due to the membrane's hydrophilic nature and the unique module design, the SMT600-S series can accept a wide-range of even the dirtiest water. To maintain stable operation at the required capacity, backwash with aeration is employed at regular intervals and chemical cleanings are utilized on an infrequent basis.



Product Advantages

Excellent Filtered Water Quality

- >3.5 log virus removal and >6 log crypto removal
- Low fiber breakage rate

Long Operational Life

- High mechanical strength and durability
- >5000 mg/L Sodium Hypochlorite tolerance

Low Requirements for Pretreatment

- Open, immersed design

Low Operating and Maintenance Requirements

- Low energy and chemical consumption due to higher permeability
- Automatic operation

Low Capital Cost

- High flux rates on all water sources

Small Footprint

- High hollow-fiber packing density
- Integrated air and hydraulic piping

Retrofit modules available for all major membrane suppliers

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Please visit scinor.com for further information.



Specifications

Parameters

Scinor® Module	Part Number	SMT600-S26
	Fiber Material	Polyvinylidene Fluoride (PVDF)
	Effective Area	280 ft ² (26 m ²)
	Nominal Pore Size	0.1 µm
	Fiber ID/OD	0.6 mm/1.1 mm
	Geometry	Φ 131 mm × 1192 mm
	Housing/Head Material	PE/ABS
	Potting Material	Polyurethane
Operating Parameters	Temperature	33-104° F (1-40 C)
	pH Range	1-13
	Max. NaClO	5000 mg/L
	Backwash Flux	18-41 gfd (25-70 l/mh)
	Air Scour Flow	3.1-7.5 scfm/module (5-12 Nm ³ /hr/module)
	Max. TMP	12 psi (0.085 MPa)
	Operating TMP	≤6 psi (≤0.04 MPa)
	Max. Backwash Pressure	21.2 psi (0.15 MPa)
Filtered Water Performance	Turbidity	≤0.1 ntu
	Silt Density Index	≤3
	E.Coli Removal	non-detect
	LRV, Virus	3.63
	LRV, Cryptosporidium	>6.0



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