

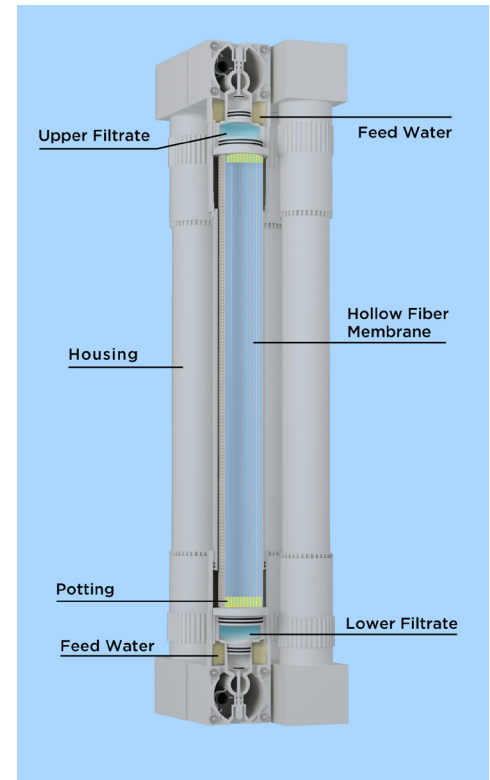


Scinor® SMT600-P38

Pressurized 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-P38 retrofits major membrane vendor installations giving end-users a choice when replacing membranes.

The SMT600-P38 is an outside-in configuration module that operates in dead-end or cross-flow mode depending on specifics of the application. Cleaning processes used are simple backwash, maintenance clean, and Clean-in-Place.



Product Advantages

Excellent Filtered Water Quality

- Tight 0.1 μm pore size distribution
- Low fiber breakage rate

Long Operational Life

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

Low Capital Cost

- High flux rates on all water sources

Low Requirements for Pretreatment

- Outside-in configuration
- Optimal flow channel

Low Operating and Maintenance Requirements

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

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-P38 |
| | Fiber Material | Polyvinylidene Fluoride (PVDF) |
| | Effective Area | 409 ft ² (38.1 m ²) |
| | Nominal Pore Size | 0.1 µm |
| | Fiber ID/OD | 0.6 mm/1.1 mm |
| | Geometry | Φ 119 mm × 1800 mm |
| | Housing/Head Material | PE/ABS |
| | Potting Material | Polyurethane |
| Operating Parameters | Temperature | 33-104° F (1-40 C) |
| | pH Range | 1-11 Continuous |
| | Max. NaClO | 5000 mg/L |
| | Backwash Flux | 30-70 gfd (50-120 l/mh) |
| | Air Scour Flow | 1.9-5.0 scfm/module (3-8 Nm ³ /hr/module) |
| | CIP pH Range | 1-13 |
| | Max. Feed Pressure | 60 psi (0.4 MPa) |
| | Max. TMP | 45 psi (0.3 MPa) |
| | Operating TMP | 3-22 psi (0.02-0.15 MPa) |
| | Max. Air Scour Pressure | 36 psi (0.25 MPa) |
| | Max. Backwash Pressure | 36 psi (0.25 MPa) |
| Filtered Water Performance | Turbidity | ≤0.1 ntu |
| | Silt Density Index | ≤3 |
| | E.Coli Removal | non-detect |



Drinking Water



Wastewater



Desalination



Industrial



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