

# Product Datasheet

## Scinor® Pressurized Ultrafiltration Module Retrofit Series RT-P106C

### Product Features



- Superior fiber strength and double-potting allow extreme backwash conditions
- Solvay PVDF and TIPS membrane tolerate pH 1-13 and 5,000 ppm NaClO, ensuring high flux recovery and long service life
- Excellent removal of particles, colloids, bacteria and virus by isotropic microporous fibers protects downstream equipment
- Proprietary permanent hydrophilic-modified fibers guarantee outstanding permeability
- Outside-in PVDF hollow fibers accept a wider range of feed water qualities
- Standard fittings realize easy installation and the direct replacement of Canpure SVF-1060A

### Fiber Specifications

Fiber Material	Polyvinylidene Fluoride (PVDF)
Membrane Technology	TIPS
Membrane Configuration	Hollow Fiber
Nominal Pore Size	0.1 $\mu\text{m}$
Fiber I.D./O.D.	0.7 mm/1.3 mm

### Module Specifications

Flow Configuration	Outside-in
Housing Material	U-PVC/ABS
Potting Material	Epoxy Resin
Sealing Type/Material	O-ring/EPDM
A/B/C Port Size	ANSI 2" Coupling
Air Port Size	Rp3/8" Female Thread
Effective Area	75 $\text{m}^2$
Module Volume (Water)	52 L
Weight (Water-filled/Empty)	90/38 kg
Packing Weight	102 kg



## Product Datasheet

### Scinor® Pressurized Ultrafiltration Module Retrofit Series RT-P106C

#### Operational and Application Parameters

Temperature	1~40 °C
Flux	40~120 L/(m <sup>2</sup> ·hr)
Backwash Flux	50~120 L/(m <sup>2</sup> ·hr)
Air Scour Flow	5~12 Nm <sup>3</sup> /(h·module)
Max. Feed Pressure	0.40 MPa
Max. Backwash Feed Pressure	0.25 MPa
Max. Air Scour Feed Pressure	0.25 MPa
Operating TMP	0.02~0.15 MPa
Max. TMP	0.30 MPa
pH Range (Continuous)	1~11
CIP pH Range	1~13
Max. NaClO	5,000 ppm
Filtered Water Silt Density Index (SDI <sub>15</sub> )	≤3.0

#### Important Information

- Proper start-up is crucial for the normal operation of the product. Users need to calibrate the equipment and instrumentations and check raw water quality before commissioning or restarting after long-term shutdown to ensure all the parameters have reached the predetermined or required level. For further information, please refer to User's Manual.
- The product should not be frozen or exposed to sunlight for long time under any circumstances as it would cause irreversible damage to the product; using anti-freezing solution if necessary to ensure transportation safety in harsh weather conditions. Please find more information on User's Manual.
- Users should follow each step and procedure on User's Manual. Any unauthorized design or improper use without written consent of Scinor Membrane shall void the warranty.
- In the case of poor water quality, the commissioning should start at 50% of the designed capacity for at least 0.5 hours.

Beijing Scinor Membrane Technology Co., Ltd.

F/8 Xueyuan International Tower  
1 Zhichun Road, Haidian District  
Beijing, 100083  
P.R China

Tel: +86 (10) 6975 6503  
Fax: +86 (10) 6975 2006  
Email: [Info@scinormem.com](mailto:Info@scinormem.com)  
Website: [www.scinormem.com](http://www.scinormem.com)

The information provided in this bulletin contains merely general descriptions to illustrate product characteristics or parameter. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use. Scinor assumes no obligation or liability for the information in this document if applied data come out deviations based on the mentioned above.