Product Data Sheet
P series Pressurized PVDF UF Module

DuPont™ IntegraTec™ SFP-2660 & SFD-2660

Modules for Open Platform

(previously DuPont™ IntegraFlux™ SFP and SFD 2660)

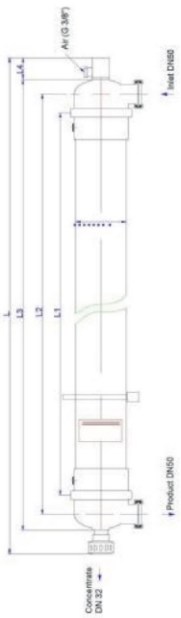
Key Features

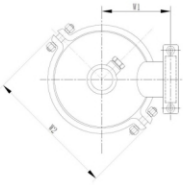
- Proven Hydrophilic PVDF Fiber:
  - Superior chlorine resistance.
  - High colloidal particulate, bacteria, and virus log removal rate.
  - Easy cleaning and wettability.
- Optimized Module Design:
  - Open platform design to adapt with customer built skids.
  - Compact design to suit small capacity installations.
  - High operation recovery with high air scouring tolerance.
  - Reduced chemical consumption with maintenance cleanings protocol.
  - Robust materials for long lifetime.
  - Easy installation and low maintenance.
  - Corrosion free with no metal parts.
  - PFAS free material.

Key Applications

- High recovery and small capacity filtration in:
  - Industrial utility water.
  - Industrial wastewater reuse.
  - Municipal wastewater filtration.
  - RO pretreatment.







Module Specification

General		
Part No / GMID	SFP-2660: 10380855 / SFD-2660: 10380857	
Mode of Filtration	Out-In Pressurized	
Membrane Type	Hollow fiber	
Membrane Material	PVDF (Polyvinylidene Fluoride)	
Membrane Pore Size	0.03 µm	
Module Operating Process	Deadend	
Other Wetted Module Components	Polyurethane, uPVC, EPDM, and ABS	
Dimensions		
Active Membrane Area	33 m²	355 ft²
Module Length Overall (L)	1,835 ± 3.0 mm	72.2 ± 0.1 inch
Module Length (L3)	1,710 ± 3.0 mm	67.3 ± 0.1 inch
Module Length (L2)	1,610 ± 3.0 mm	63.4 ± 0.1 inch
Module Length (L1)	1,500 ± 3.0 mm	59.1 ± 0.1 inch
Module Diameter (D)	165 mm	6.5 inch
Module Width (W1)	125 mm	4.9 inch
Module Width (W2)	250 mm	9.8 inch
Feed / Filtrate port DN50 (F)	51 mm	2.0 inch
Weight and Volume		
Shipping Weight	30 kg	66 lbs.
Weight Empty	25 kg	55 lbs.
Weight Filled	41 kg	90 lbs.
Hold-Up Volume Feed (Clean-In-Place = CIP)	14 L	3.7 gal
Hold-Up Volume Membrane Structure (CIP)	6 L	1.6 gal
Hold-Up Volume Filtrate (CIP)	4 L	1.0 gal

Suggested Operating Conditions

General	Details	
Operating pH	2 - 11	
Cleaning pH	2 - 12	
Typical Filtration Trans-Membrane Pressure (TMP)	0.4 - 1.5 bar	5.8 - 21.8 psi
Typical Backwash TMP	0.6 - 2.0 bar	8.7 - 29.0 psi
Backwash Type	Air scour with liquid backwash	
Backwash Flux	100 L/(m²h)	58.8 gfd
Backwash Flow	3.3 m³h	14.6 gpm
Operating Limits (Maximum)		
Rate of Pressure Change	0.5 bar/sec	7.3 psi/sec
Inlet Pressure	3.0 bar (at 20 °C)	43.5 psi
Filtration TMP	2.1 bar	30.5 psi
Backwash TMP	2.5 bar	36 psi
Filtration Flux	110 L/(m²h)	64.5 gfd
Filtration Flow	3.6 m³h	16.0 gpm
Backwash Flux	120 L/(m²h)	70.6 gfd
Particle Size	300 µm	
Exposure NaOCl	≤ 1,500,000 ppm x h	
Recommended max. instantaneous exposure NaOCl	2,000 ppm	

General Information

- Avoid any abrupt pressure variations during start-up, operation, shutdown, cleaning or other sequences to prevent possible membrane damage. The maximum pressure change allowable is 0.5 bar/s.
- For assembly please refer to the latest version of the DuPont™ IntegraTec™ PVDF-UF Out-In P Series Modules for Open Platforms Assembly Manual (Form No. 45-D02507-en).
- If operating limits and guidelines given in this document are not strictly followed, any warranty will be null and void.
- To control biological growth during extended system shutdowns, storage solution has to be introduced into the membrane modules.

Regulatory Note

- Certified drinking water modules require specific conditioning procedures prior to producing potable water. For operating parameters, please refer to the DuPont™ IntegraTec™ P Series PVDF-UF Out-In Process and Design Manual (Form No. 45-D00874-en).
- Drinking water modules may be subjected to additional regulatory restrictions in some countries. Please check local regulatory guidelines and application status before use.
- Flushing needs to be done according to the DuPont™ IntegraTec™ PVDF-UF Out-In P Series Modules for Open Platforms Assembly Manual (Form No. 45-D02507-en).

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