

AXEON

FRP-Series Membrane Housings

AXEON FRP - Series Fiberglass Membrane Housings are for continuous long-term use for reverse osmosis, nanofiltration, and ultrafiltration elements which are used on typical commercial water treatment systems at pressures up to 300 psi. They feature end entry connections and the True Lock™ Integrated Locking System, and demonstrate a higher resistance to various climate conditions, feed water compositions, and chemicals. AXEON FRP membrane housings are offered in 2.5" and 4" diameters, and in all standard lengths. Fiberglass Membrane Housings rated for higher pressures are also available.



Engineered Water Treatment Solutions

AXEON[®]
WATER TECHNOLOGIES

AXEON FRP-Series Membrane Housings

Features

- Fiberglass Construction
- End Entry Connections
- Single Piece ABS End Plugs
- True-Lock™ Integrated Locking System
- High Resistance to Chemicals, such as High Levels of Chlorides and Climate Conditions
- Easy Removable End Plug for Ease of Installation and Maintenance
- Accommodate All Standard Sized Membrane Elements
- Adapters, Interconnectors and Mounting Clamps Available



Part Number	Description	Maximum Pressure (psi)	Number of Membranes	Diameter in (cm)	Length in (cm)	CONNECTIONS		
						Feed	Permeate	Concentrate
208421	FRP-2514-300E	300	1	2.69 (6.83)	16.97 (43.10)	¼" FNPT	¼" FNPT	¼" FNPT
208417	FRP-2521-300E	300	1	2.69 (6.83)	23.98 (60.91)	¼" FNPT	¼" FNPT	¼" FNPT
208418	FRP-2540-300E	300	1	2.69 (6.83)	42.99 (109.20)	¼" FNPT	¼" FNPT	¼" FNPT
208416	FRP-4021-300E	300	1	4.73 (12.01)	23.98 (60.91)	½" FNPT	½" FNPT	½" FNPT
208419	FRP-4040-300E	300	1	4.72 (12.01)	44.88 (114.00)	¾" FNPT	½" FNPT	¾" FNPT
208420	FRP-4080-00E	300	2	4.73 (12.01)	84.88 (219.60)	½" FNPT	¾" FNPT	¾" FNPT

ACCESSORIES	
Part Number	Description
207700	END PLUG, ABS, 2.5", 0.25" P X 0.25" C FNPT, FRP-300E
207704	CLAMP, TRUE-LOCK, 304SS, 2.5", FRP-300E
207705	SCREW, TRUE-LOCK, M6X25, 316SS, FASTENER, FRP-300E
207702	O-RING, EPDM, 0.5", FRP-300E
207701	O-RING, EPDM, 2.5", FRP-300E
205893	O-RING, EPDM, 0.5", FRP-300E
205894	SCREW, TRUE-LOCK, M6X20, 304SS, FASTENER, FRP-300E
205895	O-RING, EPDM, 0.5", FRP-300E
205896	O-RING, EPDM, 4", FRP-300E

Materials of Construction

- End Plug: ABS
- End Plug Screws: 304 SS
- Housing Body: Fiberglass
- Clamp: 304 SS
- O-Ring: EPDM

Technical Specifications

- Maximum Operating Pressure: 300 psi / 20 bar
- Minimum Operating Temperature: 35°F / 2°C
- Maximum Operating Temperature: 150°F / 66°C

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