

AXEON

PVC Membrane Housings

LENNTECH

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AXEON PVC Membrane Housings are the preferred choice of many water treatment professionals. Each model of **AXEON** housings features a convenient side port entry and an easily removable end cap for ease of installation and maintenance. **AXEON** housings offer a cost effective solution for your water purification needs, they come complete with everything needed for a quick and easy installation. Various accessories are available such as membrane adapters, mounting clamps, end plug wrenches and o-ring replacement kits.



Engineered Membrane Solutions

AXEON
WATER TECHNOLOGIES

AXEON PVC Membrane Housings

- PVC material with side port connections
- Design requires no tools for assembly
- Removable end plug for ease of installation and maintenance
- Locking wedge for security
- Double o-ring permeate seals
- Individually inspected and sanitized
- Fits all standard sized membrane elements
- Made in the U.S.A.



Features

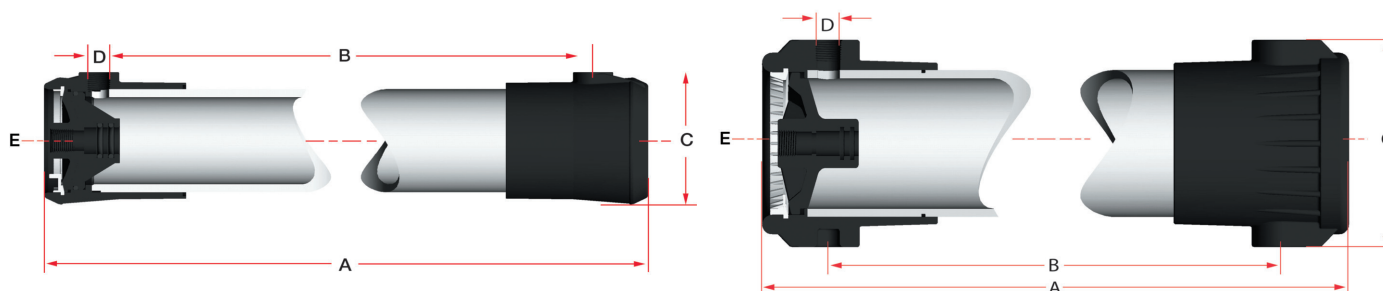
- AXEON "A" Housings Accommodate Female Flush Cut Elements
- Quadra Port (4 open ports) Housings Allow for Ease of Plumbing
- 180° Rotated Port Housings Available
- Custom Sizing Available
- Adapters and Interconnectors Available

Materials

- NSF Approved PVC Material
- NSF Approved GTX Material
- NSF Approved EPR O-Rings

Specifications

- Maximum Operating Pressure: 225 psi @ 73° F / 22° C
- Maximum Operating Temperature: 110° F / 43° C
- Minimum Operating Temperature: 35° F / 1° C



Approximate Dimensions (inches)							
Part Number	Description	Number of Membranes	A	B	C	D	E
200518	AXEON 2514	1	17	14	3 3/4"	3/8" FNPT	3/8" FNPT
200519	AXEON 2521	1	24	21	3 3/4"	3/8" FNPT	3/8" FNPT
200520	AXEON 2540	1	43	40	3 3/4"	3/8" FNPT	3/8" FNPT
200521	AXEON 4014	1	19	14	6	1/2" FNPT	1/2" FNPT
200524	AXEON 4021	1	26	21	6	1/2" FNPT	1/2" FNPT
200527	AXEON 4040	1	45	40	6	1/2" FNPT	1/2" FNPT
200540	AXEON 4080	2	85	80	6	3/4" FNPT	1/2" FNPT
200552	AXEON 40120	3	125	120	6	3/4" FNPT	1/2" FNPT

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SS Membrane Housings

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AXEON Stainless Steel (SS) Membrane Housings

feature the True-Clamp™ Integrated Clamping System.

These membrane housings also feature a 304L corrosion resistant stainless steel end entry connections and are able to withstand high pressures.

AXEON Stainless Steel (SS) Membrane Housings are offered in a 2.5" and 4" diameters.

Engineered Membrane Solutions

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WATER TECHNOLOGIES

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SS Membrane Housings

SS 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 250 psi.



SS Membrane Housings accommodate any make of 2.5-inch or 4-inch nominal diameter spiral wound elements with a 3/4" diameter male product tube.

Features

- 304L Stainless Steel Construction
- Seamless Housing Body (1.80 mm Thick)
- End Entry Single Piece Nylon End Plugs
- High Resistance to Climate Conditions
- True-Clamp™ Integrated Clamping System
- Buna-N Double O-Rings for Sealing Integrity
- Accommodate All Standard Sized Membrane Elements
- Adapters, Interconnectors and Mounting Clamps Available

Part Number	Description	Number of Membranes	Diameter	Length	C O N N E C T I O N S		
					Feed (FNPT)	Permeate (FNPT)	Concentrate (FNPT)
202919	2514 SS-250E	1	2.5"	14"	3/8"	3/8"	3/8"
202920	2521 SS-250E	1	2.5"	21"	3/8"	3/8"	3/8"
202921	2540 SS-250E	1	2.5"	40"	3/8"	3/8"	3/8"
202922	4021 SS-250E	1	4.0"	21"	1/2"	1/2"	1/2"
202923	4040 SS-250E	1	4.0"	40"	1/2"	1/2"	1/2"
202924	4040 SS-250E	1	4.0"	40"	3/4"	1/2"	3/4"
202925	4080 SS-250E	2	4.0"	80"	3/4"	3/4"	3/4"
202926	4120 SS-250E	3	4.0"	120"	3/4"	3/4"	3/4"

Materials of Construction

- End Plug Nylon
- End Plug Screws 304 SS
- Housing Body 304L SS
- Clamp 304 SS
- O-Ring Buna-N

Technical Specifications

- Maximum Operating Pressure: 250 psi / 17 bar
- Minimum Operating Temperature: 35° F / 1° C
- Maximum Operating Temperature: 120° F / 48° C

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FRP Membrane Housings

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AXEON Fiberglass (FRP) Membrane Housings

feature end entry connections, the True-Lock™ Integrated Locking System and demonstrate a higher resistance to various climate conditions, feed water compositions and chemicals. These membrane housings are offered in 2.5" and 4" diameters, and in all standard lengths.

Engineered Membrane Solutions

AXEON FRP Membrane Housings

FRP 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.

FRP Membrane Housings accommodate any make of 2.5-inch or 4-inch nominal diameter spiral wound elements with a 3/4" diameter male product tube.



Features

- Fiberglass Construction
- End Entry Connections
- Single Piece ABS End Plugs
- True-Lock™ Integrated Locking System
- High Resistance to Chemicals, 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	Number of Membranes	Diameter	Length	C O N N E C T I O N S		
					Feed (FNPT)	Permeate (FNPT)	Concentrate (FNPT)
204229	2521 FRP-300E	1	2.5"	21"	1/4"	1/4"	1/4"
204230	2540 FRP-300E	1	2.5"	40"	1/4"	1/4"	1/4"
202929	4040 FRP-300E	1	4.0"	40"	3/4"	1/2"	3/4"
202930	4080 FRP-300E	2	4.0"	80"	3/4"	1/2"	3/4"

Materials of Construction

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

Technical Specifications

- Maximum Operating Pressure: 300 psi / 20 bar
- Minimum Operating Temperature: 35°F / 1°C
- Maximum Operating Temperature: 150° F / 66° C