

## SS-Series Membrane Housings

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**AXEON SS - Series Stainless Steel Membrane Housings** are for durable, long-term use in typical commercial reverse osmosis, nanofiltration and ultrafiltration water treatment systems at pressures up to 250 psi. AXEON SS-Series Membrane Housings accommodate any make of 2.5" or 4" nominal diameter spiral wound elements with a 0.75" diameter male product tube, and feature a True-Clamp™ integrated clamping system for added security.



Engineered Water Treatment Solutions

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# AXEON SS-Series Membrane Housings

## Features

- 304 or 316 Stainless Steel Construction
- Seamless Housing Body
- 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
- Accessories are available



| Part Number | Description      | Maximum Pressure (psi) | Number of Membranes | Diameter in (cm) | Length in (cm)  | CONNECTIONS |          |             |
|-------------|------------------|------------------------|---------------------|------------------|-----------------|-------------|----------|-------------|
|             |                  |                        |                     |                  |                 | Feed        | Permeate | Concentrate |
| 202919      | SS-304-2514-250E | 250                    | 1                   | 2.48 (6.30)      | 14.00 (35.56)   | ¾" FNPT     | ¾" FNPT  | ¾" FNPT     |
| 202920      | SS-304-2521-250E | 250                    | 1                   | 2.48 (6.30)      | 21.00 (53.34)   | ¾" FNPT     | ¾" FNPT  | ¾" FNPT     |
| 202921      | SS-304-2540-250E | 250                    | 1                   | 2.48 (6.30)      | 40.00 (101.60)  | ¾" FNPT     | ¾" FNPT  | ¾" FNPT     |
| 202922      | SS-304-4021-250E | 250                    | 1                   | 2.48 (6.30)      | 21.00 (53.34)   | ½" FNPT     | ½" FNPT  | ½" FNPT     |
| 202923      | SS-304-4040-250E | 250                    | 1                   | 4.02 (10.21)     | 40.00 (101.60)  | ½" FNPT     | ½" FNPT  | ½" FNPT     |
| 202924      | SS-304-4040-250E | 250                    | 1                   | 4.02 (10.21)     | 40.00 (101.60)  | ¾" FNPT     | ½" FNPT  | ¾" FNPT     |
| 202925      | SS-304-4080-250E | 250                    | 2                   | 4.02 (10.21)     | 80.00 (203.20)  | ¾" FNPT     | ½" FNPT  | ½" FNPT     |
| 202926      | SS-304-4120-250E | 250                    | 3                   | 4.02 (10.21)     | 120.00 (304.80) | ¾" FNPT     | ½" FNPT  | ½" FNPT     |
| 208244      | SS-316-4040-250E | 250                    | 1                   | 4.02 (10.21)     | 40.00 (101.60)  | ¾" FNPT     | ½" FNPT  | ¾" FNPT     |
| 208245      | SS-316-4040-250E | 250                    | 1                   | 4.02 (10.21)     | 40.00 (101.60)  | ¾" FNPT     | ½" FNPT  | ½" FNPT     |

| ACCESSORIES |   |
|-------------|---|
| Part Number | Description   |
| 208246      | END PLUG, NYLON, 2.5", 0.375" P X 0.375" C FNPT, SS |
| 208247      | END PLUG, NYLON, 4", 0.5" P X 0.5" C FNPT, SS       |
| 208248      | END PLUG, NYLON, 4", 0.5" P X 0.75" C FNPT, SS      |
| 208249      | O-RING, 0.5", SS                                    |
| 208250      | O-RING, 2.5", SS                                    |
| 208251      | O-RING, 4", SS                                      |
| 208252      | CLAMP, TRUE, 304SS, 2.5", FASTENERS, SS             |
| 208253      | CLAMP, TRUE, 304SS, 4", FASTENERS, SS               |

## Materials of Construction

- End Plug: Nylon
- Clamp: 304 SS
- End Plug Screws: Nylon
- O-Ring: Buna-N
- Housing Body: 304L SS or 316 SS

## 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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