



# 8" Membrane Housings

PROTEC QUALITY, INNOVATION & RELIABILITY

Protec Arisawa manufactures 8" membrane housings in pressure rating of 300-1800 PSI for use in a wide range of desalination applications. Protec's long history and knowledge of composites and pressure vessel design, use and manufacturing, make us your trusted partner for the supply of desalination pressure vessels. All Protec Arisawa vessels conform to ASME Code and can be Code stamped and independently inspected at the customer's request. Protec's housings are customizable in various port arrangements, head materials, port diameter, and end cap configurations with the added benefit of short lead time to our customers.

Protec Arisawa is the only FRP membrane housing manufacturer winding 8" vessels in the USA for worldwide distribution. We support our vessels with parts, field service and training for the life of the system. Our goal is to provide you with a long lasting, high quality and safe product, at an affordable price and industry best lead time.



PROTEC ARISAWA AMERICA, INC.

2455 Ash Street, Vista, CA 92081, USA

p +1 760.599.4800

[www.protec-arisawa.com](http://www.protec-arisawa.com)



# THE PROTEC DIFFERENCE



## CUSTOMIZATION AND SUPERIOR HOUSING DESIGN

- **Smooth interior** vessel design, saving operators time in changing seals, installing end caps and loading membranes
- Proven head seal design making Protec vessels **leak free** and easy to maintain
- **No removal of pipe manifolds** for accessing side port seal
- Absolutely **no dead space** under side ports
- **Choice of closure types** for high pressure, finger pull ring or secure locking rings
- Side ports standard in pipe **machined 316L SST or Super Duplex**; no cast material used
- Able to produce **exact dimensional match** of competitor vessels for exchanges or plant upgrades – avoid frame and piping modifications
- Free design service to **optimize side port diameters** and vessel arrangement for additional CAPEX savings
- Completely **customizable side ports** in sizes of 1.5"-4" in up to eight (8) positions
- **Field service and training** available as well as emergency response when needed
- Thousands of **in stock seals and parts** available for next day shipping



MODEL	DIAMETER	PRESSURE	PORTING	LENGTH	PORT SIZES	PORT MATERIAL
PRO	8	300-600	SP/MSP	1 to 8	1.5"-4.0"	316L SST
PRO	8	300-600	EP	1 to 8	1.5"	316L SST
PRO	8	1000-1200	SP/MSP	1 to 8	1.5"-4.0"	Super Duplex
PRO	8	1000-1200	EP	1 to 8	1.5"	Super Duplex
BPV	8	1000-1200	SP/MSP	1 to 8	1.5"-4.0"	Super Duplex
BPV	8	1500	SP/MSP	1 to 8	1.5"-4.0"	Super Duplex
BPV	8	1800	SP/MSP	1 to 8	1.5"-4.0"	Super Duplex



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