

CODELINE® 8 INCH SIDE PORT RO MEMBRANE HOUSINGS

ORDERING FORM

Customer: _____ Project: _____ Date: ____ / ____ / ____

Model: _____ Total number of vessels: _____ PO / ref number: _____

TECHNICAL REQUIREMENTS

- ⇒ **Design pressure / max. working pressure (PSI):** 150 300 450 600 1000 1200
- ⇒ **Number of membrane elements per housing:** -1; -2; -3; -4; -5; -6; -7; -8
- ⇒ **Head assembly / end enclosure**
- Coded head assembly (designed as per ASME sec X guidelines / mandatory for ASME RP stamped housings)
 - Non-coded head assembly (single piece head / cannot be used for ASME compliant or ASME stamped housings) - available for up to 600 psi

⇒ **Membrane element brand & model:** _____ & _____

⇒ **Adapter kits / end connectors:**

- Open adapters on both end (**standard offering**) *Open adapter (product end) & blind adapter (non product end)*

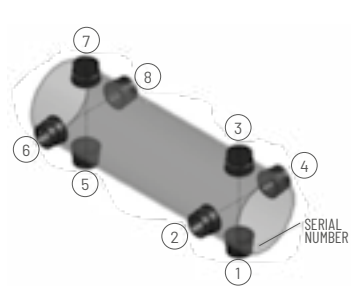
**** Adapter kit selection depends on the membrane to be used in the housing.**

⇒ **Feed / concentrate port:**

- Feed / concentrate port material:

Application	Standard material	Non standard
Brackish water application - Up to 600 psi	CF3M cast equivalent of SS316L (austenitic)	<input type="checkbox"/> _____ (refer the GA drawing to specify part nos / MOC)
Sea water application - 1000 / 1200 psi	CD3MWCuN cast equivalent of Zeron 100 (super duplex)	<input type="checkbox"/> _____ (refer the GA drawing to specify part nos / MOC)

- Feed / concentrate port configuration:

<p>Standard</p> <p><input type="checkbox"/> 1D 5 D (standard - 80S) - 2 ports in line of size 1.5"</p> <p><input type="checkbox"/> 1G 5 G (standard - 80H) - 2 ports in line of size 3.0"</p> <p><input type="checkbox"/> 1I 5 I (standard - 80U) - 2 ports in line of size 4.0"</p> <p>** Note: Ports not available at 90° configuration for all the models, please refer the page 2 of the respective drawing of the membrane housing model.</p> <p>Multiport configuration</p> <ul style="list-style-type: none"> • Type I - quantity: _____nos. Serial number end <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> Opposite end <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> • Type II - quantity: _____nos. Serial number end <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> Opposite end <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> • Type III - quantity: _____nos. Serial number end <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> Opposite end <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 	<p>Port configuration selection aid</p> <table border="1" style="margin-bottom: 10px;"> <thead> <tr> <th colspan="2">Port size code</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>1 1/2" grooved end</td> </tr> <tr> <td>E</td> <td>2" grooved end</td> </tr> <tr> <td>F</td> <td>2 1/2" grooved end</td> </tr> <tr> <td>G</td> <td>3" grooved end</td> </tr> <tr> <td>I</td> <td>4" grooved end</td> </tr> </tbody> </table> 	Port size code		D	1 1/2" grooved end	E	2" grooved end	F	2 1/2" grooved end	G	3" grooved end	I	4" grooved end
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⇒ Permeate port selection (80S15/30/45/60) – 80S – non coded option

• Offering with non-coded head assembly:

Standard	Non standard (please refer the GA drawings to specify)	
<input type="checkbox"/> 1.0" FNPT & 1.5" IPS grooved (Engg Thermoplastic / Noryl) (standard offering)	<input type="checkbox"/> 1.0" BSPP F / JISF parallel thread & 1.5" IPS grooved (Engg Thermoplastic / Noryl)	<input type="checkbox"/> 1.0" BSPT F / JISF Tapered thread & 1.5" IPS grooved (Engg Thermoplastic / Noryl)

⇒ Permeate port selection

• Offering with coded head assembly:

Standard			Non standard (please refer the GA drawing to specify part nos / MOC)		
Size	Connection	Material	Size	Connection	Material
Serial number end			Serial number end		
<input type="checkbox"/> 1.0"	<input type="checkbox"/> FNPT	<input type="checkbox"/> Noryl	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
Non serial number end			Non serial number end		
<input type="checkbox"/> 1.0"	<input type="checkbox"/> FNPT	<input type="checkbox"/> Noryl	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Note: Non standard offerings will have cost implications / M00, please refer the price list or contact product management / sales support team for the applicable price adders.

⇒ Bearing Plate material:

Vessel Model	Standard offering	Optional	Non-Standard
8" -Upto 600 psi	A96061-T6-Aluminium	--	<input type="checkbox"/> Stainless Steel 316L
8" -1000/1200 psi	A96061-T6-Aluminium	--	<input type="checkbox"/> Stainless Steel 316L

** Bearing Plate is the part of the Coded head assembly

⇒ Strap assembly material:

SS304 (standard offering) SS316 SS316L

⇒ Certifications:

Hydro testing at 1.1 times the design pressure./MAWP

In compliance with the ASME Section X but not Code Stamped.

ASME Stamped and National Board Registered.

CE Marked – MODULE-D1, CATEGORY -2

80S45 & 80S60 non coded Vessel Model cannot be CE marked and will be tested at 1.1 times the design pressure.

** Membrane housings with only coded head assemblies can be ASME RP stamped and ASME compliant.

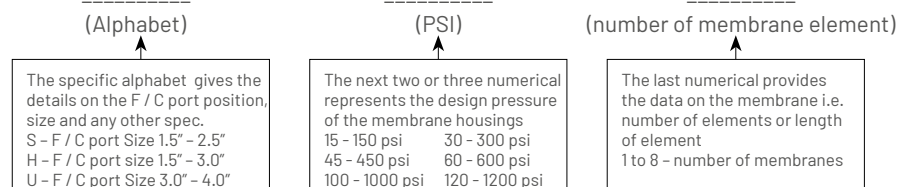
⇒ Exterior paint finish:

White RAL 9003 (standard offering) If other specify - _____ (minimum order quantity: 100 membrane housings)

⇒ Other special requirement:

⇒ Know your Codeline membrane housings model:

80



i.e. examples given below for reference only

80S100 - 7 represents: 80 (8" housing) - S (F / C port size between 1.5" - 2.5") - 100 (1000 psi design pressure) - 7 (can house max. 7 elements)

80H30 - 5 represents: 80 (8" housing) - H (F / C port size between 1.5" - 3.0") - 30 (300 psi design pressure) - 5 (can house max. 5 elements)

80U60 - 6 represents: 80 (8" housing) - U (F / C port size between 3.0" - 4.0") - 60 (600 psi design pressure) - 6 (can house max. 6 elements)

** For general arrangement drawing and more details visit our website www.codeline.com



CODELINE®

PENTAIR WATER INDIA PVT. LTD. L / 52 - 55, VERNA INDUSTRIAL ESTATE, VERNA, GOA, INDIA - 403 722 - WWW.CODELINE.COM

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