



BRINE optional port
G3/4in different styles available

Permeate optional port
DN16/PN16 different styles available

FEED optional port
G3/4in different styles available

Do not use tapered Fittings!!
for HP and Permeate ports
in the endplate

We recommend:

1 to 3 elements = 2 Mounts

4 to 6 elements = 3 Mounts

Mounts are options and not included in vessel supply

Note:
Dimensions may be subject to be changed.
Not to be used for construction unless certified.

Please ask for information about available ports

elem	Vessel Type	L-Stich [mm]	L-Stich [inch]	Tol L-Stich [mm] [inch]
1x14	RO4Z1M14-V4i-21	433	17.05	-3/+5 - -0.12/+0.2
1x21	RO4Z1M21-V4i-21	611	24.06	-3/+5 - -0.12/+0.2
1x40	RO4Z1M40-V4i-21	1093	43.03	-3/+5 - -0.12/+0.2
2x40	RO4Z2M40-V4i-21	2110	83.07	-3/+5 - -0.12/+0.2
3x40	RO4Z3M40-V4i-21	3127	123.11	-3/+6 - -0.12/+0.236
4x40	RO4Z4M40-V4i-21	4144	163,15	-3/+6 - -0.12/+0.236
5x40	RO4Z5M40-V4i-21	5161	203.19	-3/+6 - -0.12/+0.236
6x40	RO4Z6M40-V4i-21	6178	243.23	-3/+6 - -0.12/+0.236

All wetted surfaces are suitable for potable water

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The optional Feed/Brine ports can be used up to 21bars(300PSI) with SS inserts
 If you intend to use PVC piping check pipe manufacturers pressure rating
 We have PVC inserts available

Max: Working Pressure (bar/PSI)	21 /300
Max. Working Temp. (°C / °F)	65 /150
Min. Working Temp. (°C / °F)	2 / 36
Max Test Pressure (ASMEX) (bar/PSI)	27.3 /390

REF	PART NAME	PART #	MATERIAL
1	SHELL		FRP
2	LINER		PVC
3	GROOVERING		Alu
HEAD			
4	ENDPLATE open	74EP4	PPE
4.1	ENDPLATE closed	74PEP4-C	PPE
9.2	ELEMENT ADAPTER closed	74AD192-C	PPE
5	RETAINING RING	64SEC4	316TI
6.1	SCREW M6	58SCR6x12	316TI
7	O-RING	OR92x5	EPDM
PORTS			
8	HP-PORT (optional)		
10	PERMEATE PORT (optional)		
SUPPORT			
11	MOUNT (optional)	64MOUNT	PE

300 PSI

AnyChem™ Pressure Vessels
by Knappe Composites

Eng.Mgr.	Q.Ass.Mgr.	DATUM:	REV:
SIG:	SIG:	23.01.07	1

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SERIES 4 inch V4i - FRONT ENTRY

Name: _____ Scale: none