



REF	PART NAME	PART #	MATERIAL
1	Shell		FRP
2	Liner		PVC
3	Grooving		PAGF
HEAD			
4.1	FrontPlate	78FPPL	PAGF
4.2	Endplate	78BPL-V2s	PPE
5	Retaining Ring Endplate	68SEC-S	PAGF
6	Locking Ring	78SECCLOCK	PA
7	Lip Ring	58LIP	EPDM
PORTS			
8	HP-PORT	78HP160	PPE-316L
8.1	Retaining Ring for HP-Port	68SEC45	PA
10.1	Permeate Port Body open	78PP/B2	PPE
10.2	Screw 1.5inch	58NUT15Z	PVC or PA
10.3	PP Adapter Screw	78UN/S15	PVC or PA
10.4	PP Adapter	78UN/Exx	PVC/PP/SS
ELEMENT INTERFACE			
9.1	Element Adapter open	78ADxx	PPE
9.2	Element Adapter closed	78ADxx/C	PPE
9.4	Retaining Nut	58PP/S15	PA or PVC
9.5	chiming set	18PP/CH-V2	TPE/PPE/PVC
SUPPORT			
11	Element Spacer	78SPACE_FP	PPE
12	Saddle	58SADDLE	PA
13	STRAP	58STRAP	316-304

O-Rings / Endplate			
A	O-Ring 32.92x3.5	1	EPDM
B	O-Ring 41.28x3.5	1	EPDM
C	O-Ring 41.28x3.5	2	EPDM
D	O-Ring 49.3x1.8	1	EPDM
E	O-Ring 32.92x3.5	1	EPDM

Saddles and straps are options and not included in vessel supply

Dimensions SERIES 8 inch FRONT ENTRY							
Elem.	Vessel #	L-Stich [mm]	L-Stich [inch]	L-HP [mm]	L-HP [inch]	Tol L-Stich [mm]---[inch]	
1x40	RO8Z1M40-V2s-31	1286	50.63	1476	58.11	-3/+5 (0.12/0.2)	
2x40	RO8Z2M40-V2s-31	2302	90.63	2492	98.11	-3/+5 (0.12/0.2)	
3x40	RO8Z3M40-V2s-31	3318	130.63	3508	138.11	-3/+5 (0.12/0.2)	
4x40	RO8Z4M40-V2s-31	4334	170.63	4524	178.11	-3/+5 (0.12/0.2)	
5x40	RO8Z5M40-V2s-31	5350	210.63	5540	218.11	-3/+6 (0.12/0.24)	
6x40	RO8Z6M40-V2s-31	6366	250.63	6556	258.11	-3/+6 (0.12/0.24)	
7x40	RO8Z7M40-V2s-31	7382	290.63	7572	298.11	-3/+6 (0.12/0.24)	

We recommend:
 1 to 4 elements 2saddles and 2 straps
 5 to 7 elements 3saddles and 2 straps

Vessels for 60inch elements are available

Dimensions are in mm
 Valus in brackets [] are in inch

Important Note:
 Dimensions may be subject to be changed.
 Drawing not to be used for construction unless certified

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Max: Working Pressure (bar/PSI)	31 /450
Max: Working Temp. (°C / °F)	65/150
Min: Working Temp. (°C / °F)	2 /36
Max Test Pressure (bar/PSI)	40.3 /585

450PSI		AnyChem™ Pressure Vessels by Knappe Composites	
Eng.Mgr. SIG:	Q.Ass.Mgr. SIG:	DATUM: 16.12.06	REV: 1
SERIES V2s -- Brackish Water FRONT ENTRY			
Name	RO8ZxM40-V2s-31_R1	Scale:none	