JM Membrane Housing



Ewater

FRP RO Membrane Housing

JM FRP RO Membrane Housing is used for Reverse Osmosis Membrane system for both commerical and industrial purpose. The products are designed to meet the demands of cost effective, continuous, long term use of any type of commercial and industrial water processing.

Highlight Features

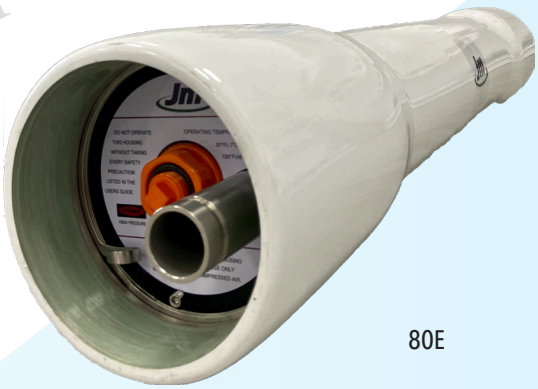
- Made up of expoxy glassfiber composites
- 4'' and 8'' size, fit 1-7 elements
- End entry & Side Entry
- Operating pressure range: 300psi, 450psi, 600psi, 1000psi, 1200psi

Model	Membrane	Max Pressure	Temperature	Element
80S Series (Side Entry)				
JM-80S-300	8040	300psi/20 bar	-10°C - 66°C (14°F-150°F)	1-7
JM-80S-450		450psi/31 bar		1-7
JM-80S-600		600psi/41 bar		1-7
JM-80S-1000		1000psi/68 bar		1-7
JM-80S-1200		1200psi/82 bar		1-7
80E Series (End Entry)				
JM-80E-300	8040	300psi/20 bar	-10°C - 66°C (14°F-150°F)	1-7
JM-80E-450		450psi/31 bar		1-7
JM-80E-600		600psi/41 bar		1-7
JM-80E-1000		1000psi/68 bar		1-7
JM-80E-1200		1200psi/82 bar		1-7
40S Series (Side Entry)				
JM-40S-300	4040	300psi/20 bar	-10°C - 66°C (14°F-150°F)	1-5
JM-40S-450		450psi/31 bar		1-5
JM-40S-600		600psi/41 bar		1-5
JM-40S-1000		1000psi/68 bar		1-5
JM-40S-1200		1200psi/82 bar		1-5
40E Series (End Entry)				
JM-40E-300	4040	300psi/20 bar	-10°C - 66°C (14°F-150°F)	1-5
JM-40E-450		450psi/31 bar		1-5
JM-40E-600		600psi/41 bar		1-5
JM-40E-1000		1000psi/68 bar		1-5
JM-40E-1200		1200psi/82 bar		1-5

For special customization please contact us for details



80S

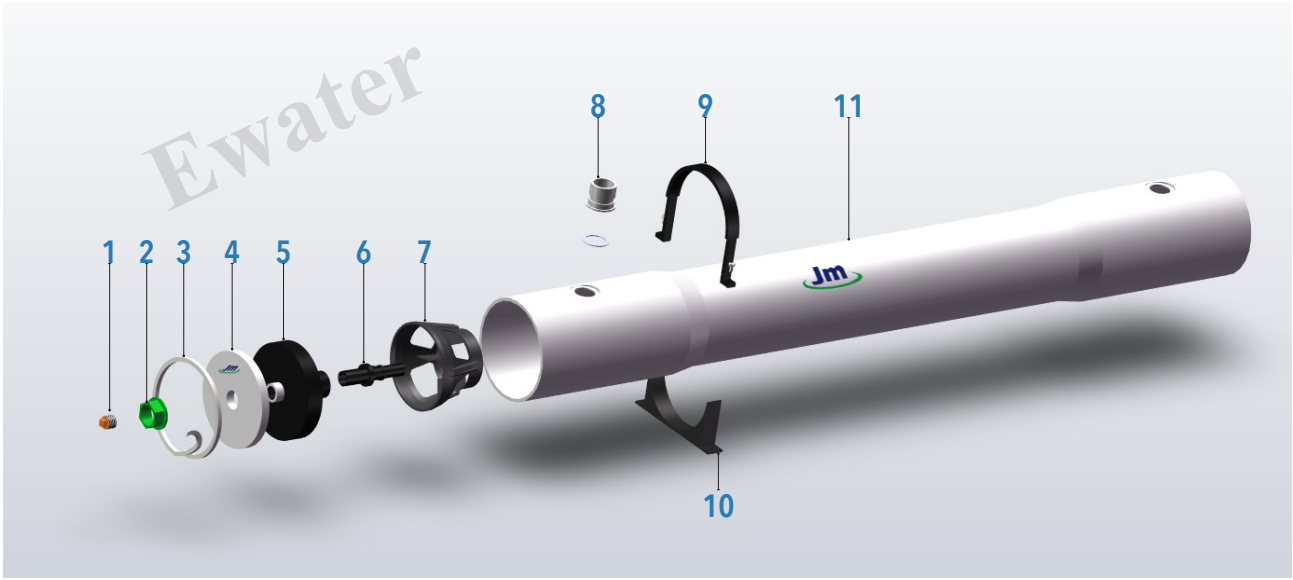


80E


40S

Ewater

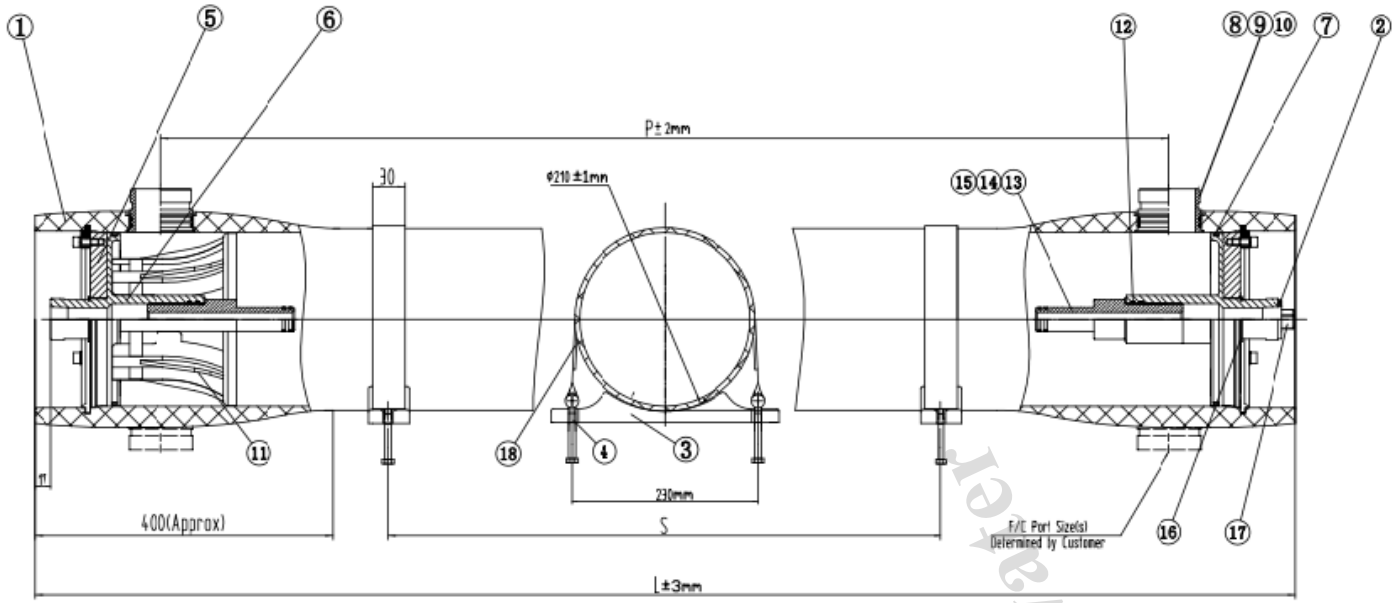
Housing Parts Breakdown



Part No.	Part Name	Part No.	Part Name
1	PLUG	7	THRUST RING
2	PORT NUT	8	FC PORT
3	RETAINING RING	9	STRAP ASSEMBLY
4	BEARING PLATE	10	SADDLE
5	SEALING PLATE	11	PRESSURE HOUSING
6	ADAPTER		



Ewater



Ref.	Description	Qty	Material	Remark
18	Strap	2-3	304SST-Rubber	
17	Plug	1	ABS	
16	Retaining Ring	2	304SST	
15	O-Ring	4	EPDM	23.6x2.65
14	Adapter	2	ABS	
13	Adapter Pad	2-6	ABS	
12	O-Ring	4	EPDM	36.5x3.55
11	Thrust Ring	1	ABS	
10	O-Ring	2-8	EPDM	
9	Retaining Ring	2-8	304SST	
8	Feed/Conc. Port	2-8	304/316LSST	
7	O-Ring	2	EPDM	187x7
6	Sealing Plate	2	ABS	
5	Bearing Plate	2	Aluminium Alloy	
4	Strap Screw	4-6	304SST	M8*90
3	Saddle	2-3	Rubber	
2	O-Ring	1	EPDM	36.5x3.55
1	Pressure Shell	1	Epoxy FRP	White

Ref.	L (MM)	P (MM)	S (MM)
1	1520	1180	750
2	2550	2200	1460
3	3560	3200	2070
4	4590	4250	1650*2
5	5600	5255	2000*2
6	6610	6274	2300*2
7	7620	7260	2000*3

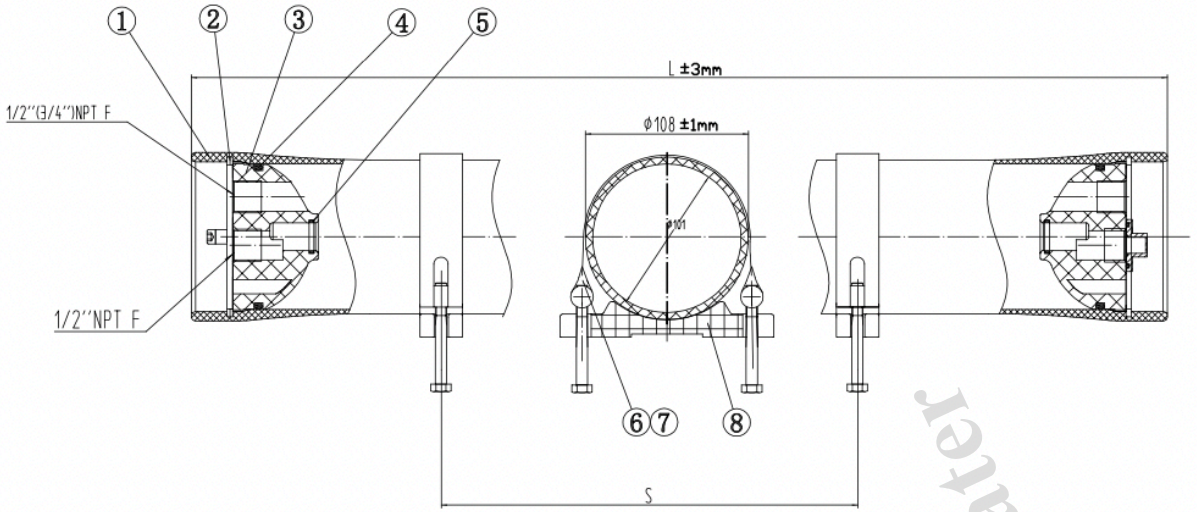
Note:

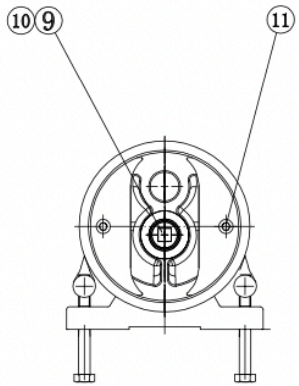
1. Design pressure: 600PSI(41Bar)
2. Design temperature: 150° F(66° C)
3. Minimum temperature: 14° F(-10° C)
4. Working medium: Water, PH 3-11
5. Please operate in accordance with User Guide
6. Flexible piping should be used on permeate connection tomainfold
7. Side port misalignment can not exceed 0.7mm in any direction
8. Subject to change without prior notice

Jieming International Trading FZCO

Design Date	Model	JM-80S-600 Pressure Vessel
Review Date	DRG	JM-80S-600
Approval Date	Unit: mm	REV. 2021

Please contact us for more drawing details.





300PSI

Elements	L (MM)	S (MM)
1	1180	610
2	2180	1350
3	3180	1960
4	4200	1580x2
5	5210	2100x2

Note:

1. Design pressure: 300PSI(21Bar)
2. Design temperature: 150°F(66°C)
3. Minimum temperature: 14°F(-10°C)
4. Working medium: Water,PH 3-11
5. Please operate in accordance with User Guide
6. Flexible piping should be used on permeate connection tomainfold

NO.	Description	Qty.	Material	Remark
11	Locking Crescent Screw	4	304SST	M6*14
10	O-Ring	4	EPDM	23.6*3.55
9	Plug	1	ABS	
8	Saddle	2~3	Rubber	
7	Strap Screw	4~6	304SST	M8*70
6	Strap	2~3	304SST-Rubber	
5	O-Ring	2	EPDM	19*2.65
4	O-Ring	2	EPDM	90*5.3
3	End Plate	2	ABS	
2	Locking Crescent	4	304SST	
1	Pressure Shell	1	Epoxy FRP	White

Jieming International Trading FZCO

Design Date	Model	JM-40E-300 Pressure Vessel
Review Date	DRG	JM-40E-300
Approval Date	Unit: mm	REV. 2021

Please contact us for more drawing details.

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