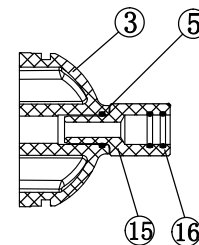


Note

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 to mainfold
7. Side port misalignment can not exceed 0.7mm in any direction
8. Subject to change without prior notice

Ref.	Part Number	L (MM)	P (MM)	S (MM)	Approx assembly weight (KG)
1	F4030S-1	1140	996	600	7.6
2	F4030S-2	2156	2012	1200	12.3
3	F4030S-3	3172	3028	2200	17
4	F4030S-4	4268	4112	1600x2	21.7
5	F4030S-5	5284	5128	2300x2	26.4
6	F4030S-6	6300	6144	2700x2	31.1

16	O-Ring	20000320	4	EPDM	19*2.65
15	Adapler	20000371	2	ABS	
14	Retaining Ring	20000388	2-4	304SST	
13	O-Ring	20000326	2-4	EPDM	28*2.65
12	Feed/Conc. Part	20000490	2-4	316LSST	
11	Locking Crescent Screw	20000205	4	304SST	M6*10
10	O-Ring	20000321	1	EPDM	23.6*3.55
9	Plug	20000075	1	ABS	
8	Saddle	20000003	2~3	Rubber	
7	Strap Screw	20000200	4~6	304SST	M8*70
6	Strap	20000190	2~3	304SST-Rubber	
5	O-Ring	20000320	2	EPDM	19*2.65
4	O-Ring	20000319	2	EPDM	90*5.3
3	End Plate	20000032	2	ABS	
2	Locking Crescent	20001081	4	304SST	
1	Pressure Shell	See Selection Table	1	Epoxy FRP	White
Ref.	Description	Part Number	Qty.	Material	Remark



* Parts 15 and 16 are used for 4 to 6 elements vessel only

Harbin FirstLine Environment Technology Co., Ltd.

First Line	Design	Model	
	Date	F40-300S Pressure Vessel	
	Review	DRG	
	Date	F40-30-S-00-01	
	Review	Unit	REV.
Date	mm	2023	
Approval	Date		
Date			