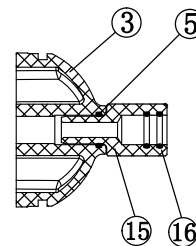


Note

1. Design pressure: 450PSI (31.5Bar)
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



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

Ref.	Part Number	L (MM)	P (MM)	S (MM)	Approx assembly weight (KG)
1	F4045S-1	1152	996	600	7.6
2	F4045S-2	2168	2012	1200	12.3
3	F4045S-3	3184	3028	2200	17
4	F4045S-4	4280	4112	1600x2	21.7
5	F4045S-5	5296	5128	2300x2	26.4
6	F4045S-6	6312	6144	2700x2	31.1

16	O-Ring	20000320	4	EPDM	19*2.65
15	Adapler	20000371	2	ABS	
14	Retaining Ring	20000019	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	20000204	4	304SST	M6*10
10	O-Ring	20000316	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

Harbin FirstLine Environment Technology Co., Ltd.

First Line	Design	Model	F40-450S Pressure Vessel
	Date		
	Review	DRG	F40-45-S-00-01
	Date		
	Review		
Date	Unit	REV.	
Approval	mm	2023	
Date			