



- 1.Flexible piping should be used on permeate connection to manifold.
- 2.MPV is not designed for negative pressures.

SHELL Length Code	L Inch (mm)	S Span Inch (mm)	Shell Weight lb (kg)
-1	62.4 (1586)	1@28 (711)	37.4 (17)
-1.5	82.4 (2094)	1@42 (1067)	47.3 (21.5)
-2	102.4 (2602)	1@56 (1422)	55 (25)
-3	142.4 (3618)	1@80 (2032)	72.6 (33)
-4	182.4 (4634)	2@64 (1626)	90.2 (41)
-5	222.4 (5650)	2@78 (1981)	107.8 (49)
-6	262.4 (6666)	2@92 (2337)	125.4 (57)
-7	302.4 (7682)	2@106 (2692)	143 (65)
-7.5	322.4 (8190)	2@114 (2896)	152.9 (69.5)
-8	342.4 (8698)	2@120 (3048)	160.6 (73)

PERMEATE PORT	DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE
24300-03-09			N	NPT 1 1/2" MALE THREAD	11156
24300-03-06			M	NPT 1 1/4" MALE THREAD	10109
24300-03-03			S	MECHANICAL COUPLING 1"-SS	10094
24300-03-03			V	MECHANICAL COUPLING 1"-ABS	10094
24300-03-03			J	UNION ADAPTOR(American Standard)	10094
24300-03-03			F	NPT 1" FEMALE THREAD	10094
24300-03-03			G	Rp 1" FEMALE THREAD	10094
24300-03-03			H	UNION ADAPTOR(National Standard)	10094

ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE
23	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40246
22	LOGO LABEL		2	ADHESIVE LABEL	40255
21	SERIAL NO LABEL		1	ART/PAPER 20"53	40425
20	ALLEN SCREW		4	M5*10 STAINLESS STEEL	20132
19	RETAINING RING	(24400-06)ED40-08-06	2	316L	20119
18	BEARING PLATE	(24400-05)ED40-08-05	2	ALUMINUM ALLOY	20067
17	HEAD SEAL	23300-26	2	EPDM	10175
16	FEED PORT O RING	(24300-04)ED25-08-04	4	EPDM	10180
15	STRAP PROTECTIVE JACKET	(23300-19)EC30-08-19	2or3	SOFT PVC	10188
14	STRAP NUT	(23300-18)EC30-08-18	4or8	Hpb59-1	20123
13	STRAP	(23300-17)EC30-08-17	2or3	304	20123
12	SADDLE	(23300-16)EC30-08-16	2or3	LDPE	10141-1
11	STRAP SCREW		4or8	M8*90 STAINLESS STEEL	20129
10	PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	316	20107
9	EMBEDDED RING	(23450-15)EC45-08-15	2	316L	20073
8	RETAINING RING	(23300-12)EC30-08-12	2	316	20025
7	PERMEATE PORT	SEE "PERMEATE PORT CONFIGURATIONS"	2	PP	SEE THE CHART
6	PERMEATE PORT O RING	(23300-08)EC30-08-08	2	EPDM	10181
5	THRUST CONE	(24300-07)ED25-08-07	1	PP	10193
4	ADAPTOR(Ø29.1)	(23300-13)EC30-08-13	2	ABS	10125
3	ADAPTOR O RING	(23300-14)EC30-08-14	4	EPDM	10182
2	FEED/CONCENTRATE PORT	(24400-02)ED40-08-02	2	316	20102
1	SHELL	(24400-01)ED40-08-01	1	FIBER GLASS + EPOXY	

- TECHNICAL REQUIREMENT**
- DESIGN PRESSURE 400PSI(2.8Mpa) ;
  - DESIGN TEMPERATURE 150°F(65°C) ;
  - MIN ALLOWABLE TEMPERATURE 20°F(-7°C) ;
  - WORKING MEDIUM WATER pH RANGE 3-10;
  - PLEASE OPERATE IN ACCORDANCE WITH USER MANUAL;
  - SPARE PARTS FORM JUST FOR REFERENCE, SPECIFIC FORM OF THE SPARE PART DRAWING PREVAIL.

REVISION	DESCRIPTION	SIGNATURE	DATA
	REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):		
SIGNATURE		<b>WAVE CYBER (SHANGHAI) CO., LTD.</b>	
DESIGN	NAME	DATE	
INSPECTION			
APPROVAL			
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.			
SCALE 1:6		MATERIAL	MODEL WAVE-400E-8
QUANTITY		SMOOTHNESS	DESCRIPTION 400E-8 MEMBRANE HOUSING
PROJECTION	COMPUTER CODE	DRAWING NO. 24400-00	VERSION NO. 11
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1