



**WARNING!**  
 PRESSURE IN THE PERMEATE PIPE SHALL NOT EXCEED 125 PSI (0.86MPa)

PERMEATE PORT  
 OPTION F---NPT 1" FEMALE THREAD;  
 OPTION G---Rp 1" FEMALE THREAD;  
 OPTION H--- UNION ADAPTOR;  
 FIT 32mm(O.D) PIPE  
 OPTION J---UNION ADAPTOR;  
 FIT 1.32"(O.D) PIPE  
 OPTION V---Mechanical Coupling 1"-ABS;  
 OPTION S---Mechanical Coupling 1"-SS;

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

PERMEATE PORT	DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE
300 PSI	24300-03-09		N	NPT 1 1/2" MALE THREAD	11155
	24300-03-06		M	NPT 1 1/4" MALE THREAD	10108
	24300-03-03		S	MECHANICAL COUPLING 1" SS	10093
	24300-03-03		V	MECHANICAL COUPLING 1" ABS	10093
	24300-03-03		J	UNION ADAPTOR(American Standard)	10093
	24300-03-03		F	NPT 1" FEMALE THREAD	10093
	24300-03-03		G	Rp 1" FEMALE THREAD	10093
	24300-03-03		H	UNION ADAPTOR(National Standard)	10093

SHELL Length Code	L Inch (mm)	S Span Inch (mm)	Shell Weight lb (kg)
-1	62.0 (1575)	1@28 (711)	35.2 (16)
-1.5	82.0 (2083)	1@42 (1067)	44 (20)
-2	102.0 (2591)	1@56 (1422)	51.7 (23.5)
-3	142.0 (3607)	1@80 (2032)	68.2 (31)
-4	182.0 (4623)	2@64 (1626)	84.7 (38.5)
-5	222.0 (5639)	2@78 (1981)	101.2 (46)
-6	262.0 (6655)	2@92 (2337)	117.7 (53.5)
-7	302.0 (7671)	2@106 (2692)	134.2 (61)
-7.5	322.0 (8179)	2@114 (2896)	143 (65)
-8	342.0 (8687)	2@120 (3048)	150.7 (68.5)

ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE
23	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40245
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	END PORT RETAINING RING	(24300-06)ED25-08-06	2	316	20108
18	BEARING PLATE	(24300-05)ED30-08-05	2	ALUMINUM ALLOY	20066
17	HEAD SEAL	23300-28	2	EPDM	10175
16	END 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	4or6	Hob59-1	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		4or6	M8*90 STAINLESS STEEL	20129
10	PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	316	20107
9	EMBEDDED RING	(23300-15)EC30-08-15	2	316L	20072
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	PP	10182
2	END PORT	(24300-02)ED25-08-02	2	316	20101
1	SHELL	(24300-01)ED25-08-01	1	FIBER GLASS + EPOXY	

**TECHNICAL REQUIREMENT**

- DESIGN PRESSURE 300PSI(2.1Mpa) ;
- 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):		THE DIMENSIONS ARE FOR REFERENCE ONLY.	
SIGNATURE		<b>WAVE CYBER (SHANGHAI) CO., LTD.</b>	
DESIGN	SCALE	MATERIAL	MODEL WAVE-300E-8
INSPECTION	1:6		DESCRIPTION
APPROVAL	QUANTITY	SMOOTHNESS	300E-8 MEMBRANE HOUSING
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		PROJECTION	DRAWING NO. 24300-00
		COMPUTER CODE	VERSION NO. 13
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1