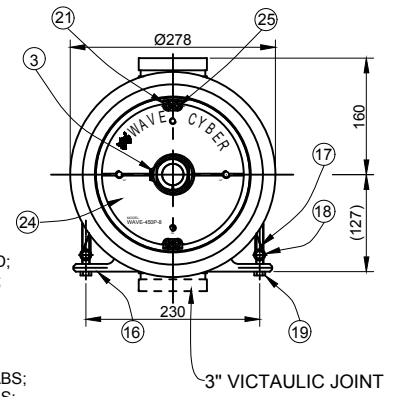


WARNING!

PRESSURE IN THE PERMEATE PORT 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.Side port misalignment can not exceed 0.7mm in any direction.
- 3.MPV is not designed for negative pressures.

BEARING PLATE 450 PSI	23450-09	ALUMINUM PLATE	20314	ASME CODE PRODUCT
	23450-09	ALUMINUM STICK	20060	
DESCRIPTION	DRAWING NO.	MATERIAL	COMPUTER CODE	REMARKS

PERMEATE PORT 450 PSI	23300-10-08-02	UF	CONNECTED WITH VICTAULIC	11520
	23300-10-09-01	N	NPT 1 1/2" MALE THREAD	11526
	23300-10-06-01	M	NPT 1 1/4" MALE THREAD	11514
	23300-10-05-01	S	MECHANICAL COUPLING 1"-SS	11495
	23300-10-05-01	V	MECHANICAL COUPLING 1"-ABS	11495
	23300-10-05-01	J	UNION ADAPTOR(American Standard)	11495
	23300-10-05-01	F	NPT 1" FEMALE THREAD	11495
	23300-10-05-01	G	Rp 1" FEMALE THREAD	11495
23300-10-05-01	H	UNION ADAPTOR(National Standard)	11495	
DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)
-1	61.5 (1561)	47 (1194)	1@22.4 (570)
-1.5	81.5 (2069)	67 (1702)	1@42 (1067)
-2	101.5 (2577)	87 (2210)	1@56 (1422)
-3	141.5 (3593)	127 (3226)	1@80 (2032)
-4	181.5 (4609)	167 (4242)	2@64 (1626)
-5	221.5 (5625)	207 (5258)	2@78 (1981)
-6	261.5 (6641)	247 (6274)	2@92 (2337)
-7	301.5 (7657)	287 (7290)	2@106 (2692)
-7.5	321.5 (8165)	307 (7798)	2@114 (2896)
-8	341.5 (8673)	327 (8306)	2@120 (3048)

25	RETAINING BLOCK	23300-36-01	4	316	20183-1
24	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40843
23	LOGO LABEL		2	ADHESIVE LABEL	40255
22	SERIAL NO LABEL		1	ART PAPER 20*53	40425
21	SCREW	GB819-85	2	M5*14 STAINLESS STEEL	20833
20	STRAP PROTECTIVE JACKET	(23300-19)EC30-08-19	2or3	SOFT PVC	10188
19	STRAP SCREW		4or6	M8*90 STAINLESS STEEL	10129
18	STRAP NUT	(23300-18)EC30-08-18	4or6	Hpb59-1	20123
17	STRAP	(23300-17)EC30-08-17	2or3	304	20123
16	SADDLE	(23300-16)EC30-08-16	2or3	LDPE	10141-1
15	EMBEDDED RING	(23450-15)EC45-08-15	2	316L	20073
14	ADAPTOR O RING	(23300-14)EC30-08-14	4	EPDM	10182
13	ADAPTOR(O29.1)	(23300-13)EC30-08-13	2	ABS	10125
12	RETAINING RING	(23300-12)EC30-08-12	2	316	20025
11	HEAD SEAL	23300-26	2	EPDM	10175
10	PERMEATE PORT(450PSI)	SEE "PERMEATE PORT CONFIGURATIONS"	2	PP	SEE THE CHART
9	BEARING PLATE	SEE "BEARING PLATE CONFIGURATIONS"	2	SEE "BEARING PLATE CONFIGURATIONS"	SEE THE CHART
8	PERMEATE PORT O RING	(23300-08)EC-30-08-08	2	EPDM	10181
7	THRUST CONE	(23300-07)EC-30-08-07	1	PP	10182
6	SIDE PORT GASKET	23100-46-04	2	304	20299
5	SIDE PORT NUT	27300-05-04	2	304	21108
4	SIDE PORT SEAL	23450-26-02	2	EPDM	10710
3	PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	316	20107
2	SIDE PORT	23450-02-04-03	2	316	20380
1	SHELL	23450-01-04-01	1	FIBER GLASS + EPOXY	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

TECHNICAL REQUIREMENT

- 1.DESIGN PRESSURE 450PSI(3.1Mpa) ;
- 2.DESIGN TEMPERATURE 150°F(65°C) ;
3. MIN ALLOWABLE TEMPERATURE 20°F(-7°C) ;
- 4.WORKING MEDIUM,WATER pH RANGE 3~10;
- 5.PLEASE OPERATE IN ACCORDANCE WITH USER MANUAL;
- 6.SPARE PARTS FORM JUST FOR REFERENCE, SPECIFIC FORM OF THE SPARE PART DRAWING PREVAIL.

REVISION NO.	DESCRIPTION OF CHANGES	SIGNATURE	DATE
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):	THE DIMENSIONS ARE FOR REFERENCE ONLY		
SIGNATURE		WAVE CYBER (SHANGHAI) CO., LTD.	
DESIGN	NAME	DATE	
INSPECTION	SCALE 1:7	MATERIAL	MODEL WAVE-450P-8
APPROVAL	QUANTITY	SMOOTHNESS	DESCRIPTION 450P-8 MEMBRANE HOUSING (Hi-Flo)
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		PROJECTION	DRAWING NO. 23450-00-03
		COMPUTER CODE	VERSION NO. 1
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1