



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;

SIDEPORT GASKET	27300-06-03		2.5"	20998
	27300-06-02		2"	20997
	27300-06-01		1.5"	20978
CURVED SIDEPORT SEAL	27300-04-03		2.5"	11591
	27300-04-02		2"	11590
	27300-04-01		1.5"	11571
SIDEPORT NUT	27300-05-03		2.5"	20996
	27300-05-02		2"	20995
	27300-05-01		1.5"	20977
SIDE PORT	23300-02-05-03	U	3"	20385
	27300-02-03	T	2.5"	20992
	27300-02-02	S	2"	20991
	27300-02-01	R	1.5"	20975
DESCRIPTION	DRAWING NO.	CODE	SIZE	COMPUTER CODE

- 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.

PERMEATE PORT 150 PSI	23300-10-08	UF	CONNECTED WITH VICTAULIC	10501
	23300-10-09	N	NPT 1 1/2" MALE THREAD	10843
	23300-10-06	M	NPT 1 1/4" MALE THREAD	10084
	23300-10-05	S	MECHANICAL COUPLING 1"-SS	10069
	23300-10-05	V	MECHANICAL COUPLING 1"-ABS	10069
	23300-10-05	J	UNION ADAPTOR(American Standard)	10069
	23300-10-05	F	NPT 1" FEMALE THREAD	10069
23300-10-05	G	Rp 1" FEMALE THREAD	10069	
23300-10-05	H	UNION ADAPTOR(National Standard)	10069	
DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE

- TECHNICAL REQUIREMENT
- 1.DESIGN PRESSURE 150Psi(1.0MPa);
 - 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.

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	WEIGHT lb (kg)
-1	58.1 (1477)	47 (1194)	1@28 (711)	54 (24.5)
-1.5	78.1 (1985)	67 (1702)	1@42 (1067)	62 (28)
-2	98.1 (2493)	87 (2210)	1@56 (1422)	70 (31.5)
-3	138.1 (3509)	127 (3226)	1@80 (2032)	88 (37.6)
-4	178.1 (4525)	167 (4242)	2@64 (1626)	105 (47.3)
-5	218.1 (5541)	207 (5258)	2@78 (1981)	122 (55)
-6	258.5 (6559)	247 (6274)	2@92 (2337)	138 (62)
-7	298.1 (7573)	287 (7290)	2@106 (2692)	155 (70)
-7.5	318.1 (8081)	307 (7798)	2@114 (2896)	164 (74)
-8	338.1 (8589)	327 (8306)	2@120 (3048)	172 (77.5)

25 ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40841	
24 LOGO LABEL		2	ADHESIVE LABEL	40255	
23 SERIAL NO. LABEL		1	ARTPAPER 20*53	40425	
22 RETAINING BLOCK	23300-36-01	4	316	20183-1	
21 SCREW	GB819-85	8	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	20129	
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	(23300-15)EC30-08-15	2	316L	20072	
14 ADAPTOR O RING	(23300-14)EC30-08-14	2	EPDM	10182	
13 ADAPTOR(Ø29.1)	(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 (150PSI)	SEE "PERMEATE PORT CONFIGURATIONS"	2	PP	SEE THE CHART	
9 BEARING PLATE	(23150-09)EC15-08-09	2	ALUMINUM ALLOY	20058	
8 PERMEATE PORT RING	(23300-08)EC30-08-08	2	EPDM	10181	
7 THRUST CONE	(23300-07)EC30-08-07	1	PP	10192	
6 SIDE PORT GASKET	SEE "SIDE PORT CONFIGURATIONS"	2	304	SEE THE CHART	
5 SIDE PORT NUT	SEE "SIDE PORT CONFIGURATIONS"	2	304	SEE THE CHART	
4 CURVED SIDE PORT SEAL	SEE "SIDE PORT CONFIGURATIONS"	2	EPDM	SEE THE CHART	
3 PERMEATE RETAINING RING	(23300-03)EC30-08-03	2	316	20107	
2 SIDE PORT	SEE "SIDE PORT CONFIGURATIONS"	2	316	SEE THE CHART	
1 SHELL	SEE "SIDE PORT CONFIGURATIONS"	1	FIBER GLASS + EPOXY	SEE THE CHART	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

REVISION	DESCRIPTION	SIGNATURE	DATA
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):		THE DIMENSIONS ARE FOR REFERENCE ONLY	
SIGNATURE		WAVE CYBER (SHANGHAI) CO., LTD.	
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: 150P-8
PROJECTION		QUANTITY	SMOOTHNESS
DO NOT MEASURE THE DIMENSIONS.		COMPUTER CODE	MODEL: WAVE-150P-8
UNIT: MM		DRAWING NO. (23150-00)EC15-08-00	DESCRIPTION: 150P-8 MEMBRANE HOUSING
TOTAL PAGE: 1		DRAWING NO. (23150-00)EC15-08-00	VERSION NO. 12