



**WARNING!**  
 PRESSURE IN THE PERMEATE PORT SHALL NOT EXCEED 125 PSI (0.86MPA)

SIDEPORT GASKET	27300-06-03		2.5"	20998
	27300-06-02		2"	20997
	27300-06-01		1.5"	20978
SIDEPORT NUT	27300-05-03		2.5"	20996
	27300-05-02		2"	20995
	27300-05-01		1.5"	20977
SIDEPORT SEAL	27300-04-03		2.5"	11591
	27300-04-02		2"	11590
	27300-04-01		1.5"	11571
SIDE PORT	27300-02-03		2.5"	20992
	27300-02-02		2"	20991
	27300-02-01		1.5"	20975
SHELL	23450-01-02		2.5"	
	23450-01-01		2"	
	23450-01-03		1.5"	
DESCRIPTION	DRAWING NO.	CODE	SIZE	COMPUTER CODE

SANITARY CONNECTION	23151-08-01	316L	20604	94	1.5"
	23151-08	316L	20596	43	1"
DESCRIPTION	DRAWING NO.	MATERIAL	COMPUTER CODE	A	REMARK

28	O RING	23300-14	2	EPDM	10182
27	RETAINING RING		2	316L	20126
26	SANITARY CONNECTION	SEE "SANITARY CONNECTION CONFIGURATIONS"	2	316L	SEE THE CHART
25	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40843
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	23450-15	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(150PSI)	23151-04	2	PP	10315
9	BEARING PLATE	23450-09-02	2	ALUMINUM ALLOY	20845
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	23151-07	2	316	20023
2	SIDE PORT	SEE "SIDE PORT CONFIGURATIONS"	2	316	SEE THE CHART
1	SHELL	SEE "SIDE PORT CONFIGURATIONS"	1	FIBER GLASS + EPOXY	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

SHELL Length Code	L Inch (mm)	P Standard Inch (mm)	S Span Inch (mm)	WEIGHT lb (kg)
-1	58.7 (1491)	47 (1194)	1@28 (711)	57.2 (26)
-1.5	78.7 (1999)	67 (1702)	1@42 (1067)	67.1 (30.5)
-2	98.7 (2507)	87 (2210)	1@56 (1422)	74.8 (34)
-3	138.7 (3523)	127 (3226)	1@80 (2032)	92.4 (42)
-4	178.7 (4539)	167 (4242)	2@64 (1626)	110 (50)
-5	218.7 (5555)	207 (5258)	2@78 (1981)	127.6 (58)
-6	258.7 (6571)	247 (6274)	2@92 (2337)	145.2 (66)
-7	298.7 (7587)	287 (7290)	2@106 (2692)	162.8 (74)
-7.5	318.7 (8095)	307 (7798)	2@114 (2896)	172.7 (78.5)
-8	338.7 (8603)	327 (8306)	2@120 (3048)	180.4 (82)

**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	DESCRIPTION	SIGNATURE	DATA
REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):	THE DIMENSIONS ARE FOR REFERENCE ONLY		
SIGNATURE		<b>WAVE CYBER (SHANGHAI) CO., LTD.</b>	
DESIGN	NAME	DATE	SCALE 1:6
INSPECTION			MATERIAL
APPROVAL			MODEL WAVE-450P-8
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		QUANTITY	SMOOTHNESS
PROJECTION		COMPUTER CODE	DESCRIPTION 450P-8 MEMBRANE HOUSING (SANITARY CONNECTION)
DO NOT MEASURE THE DIMENSIONS.		DRAWING NO. 23450-00-02	VERSION NO. 3
UNIT: MM		TOTAL PAGE: 1	