



- 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)	EMPTY WEIGHT lb (kg)
-1	61.2 (1556)	1@28 (711)	51 (23)
-1.5	81.2 (2064)	1@42 (1067)	55 (25)
-2	101.2 (2572)	1@56 (1422)	62 (28)
-3	141.2 (3588)	1@80 (2032)	77 (35)
-4	181.2 (4604)	2@64 (1626)	93 (42)
-5	221.2 (5620)	2@78 (1981)	110 (50)
-6	261.2 (6636)	2@92 (2337)	130 (59)
-7	301.2 (7652)	2@106 (2692)	152 (69)
-7.5	321.2 (8160)	2@114 (2896)	161 (73)
-8	341.2 (8668)	2@120 (3048)	167 (76)

PERMEATE PORT 150 PSI	DESCRIPTION	DRAWING NO.	CODE	PERMEATE PORT SPECS	COMPUTER CODE
		24300-03-09	N	NPT 1 1/2" MALE THREAD	11154
		24300-03-06	M	NPT 1 1/4" MALE THREAD	10116
		24300-03-03	S	MECHANICAL COUPLING 1"-SS	10113
		24300-03-03	V	MECHANICAL COUPLING 1"-ABS	10113
		24300-03-03	J	UNION ADAPTOR(American Standard)	10113
		24300-03-03	F	NPT 1" FEMALE THREAD	10113
		24300-03-03	G	Rp 1" FEMALE THREAD	10113
		24300-03-03	H	UNION ADAPTOR(National Standard)	10113

23	ALUMINUM PLATE LABEL		2	ADHESIVE LABEL	40243
22	LOGO LABEL		2	ADHESIVE LABEL	40255
21	SERIAL NO LABEL		1	ART PAPER 20"53	40425
20	ALLEN SCREW	(24300-06)ED25-08-06	4	M5*10 STAINLESS STEEL	20192
19	END PORT RETAINING RING	(24300-06)ED25-08-06	2	316	20108
18	BEARING PLATE	(24150-05)ED15-08-05	2	ALUMINUM ALLOY	20065
17	HEAD SEAL	23300-26	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	4or8	Hub59-1	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	A880. 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	10181
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	(24150-01)ED15-08-02	2	316	20105
1	SHELL	(24150-01)ED15-08-01	1	FIBER GLASS + EPOXY	
ITEM	DESCRIPTION	DRAWING NO.	QTY	MATERIAL	COMPUTER CODE

TECHNICAL REQUIREMENT

- 1.DESIGN PRESSURE 150Psi(1.0MPa);
- 2.DESIGN TEMPERATURE 149°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):		
SIGNATURE		WAVE CYBER (SHANGHAI) CO., LTD.	
DESIGN	SCALE	MATERIAL	MODEL WAVE-150E-8
INSPECTION	1:6		DESCRIPTION
APPROVAL	QUANTITY	SMOOTHNESS	150E-8 MEMBRANE HOUSING
THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.		PROJECTION	DRAWING NO. 24150-00
		COMPUTER CODE	VERSION NO. 11
DO NOT MEASURE THE DIMENSIONS.		UNIT: MM	TOTAL PAGE: 1