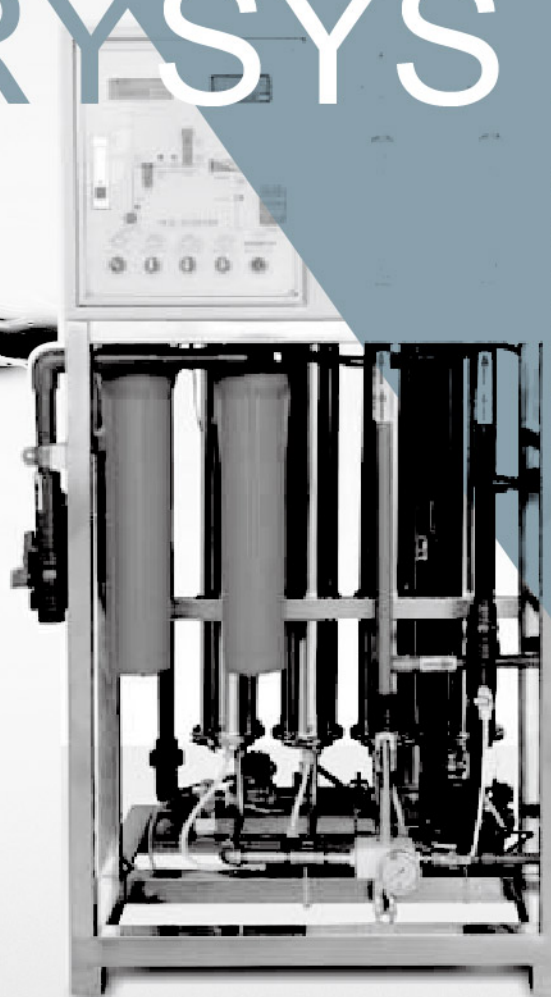


10

INDUSTRY SYSTEM

Stainless Steel Housing	p47-61
Commercial RO Water System	p62
Industrial Water System	p63
RO Water With Pretreatment	p64
SWRO Seawater Desalination System	p65
Ultrafiltration System	p66



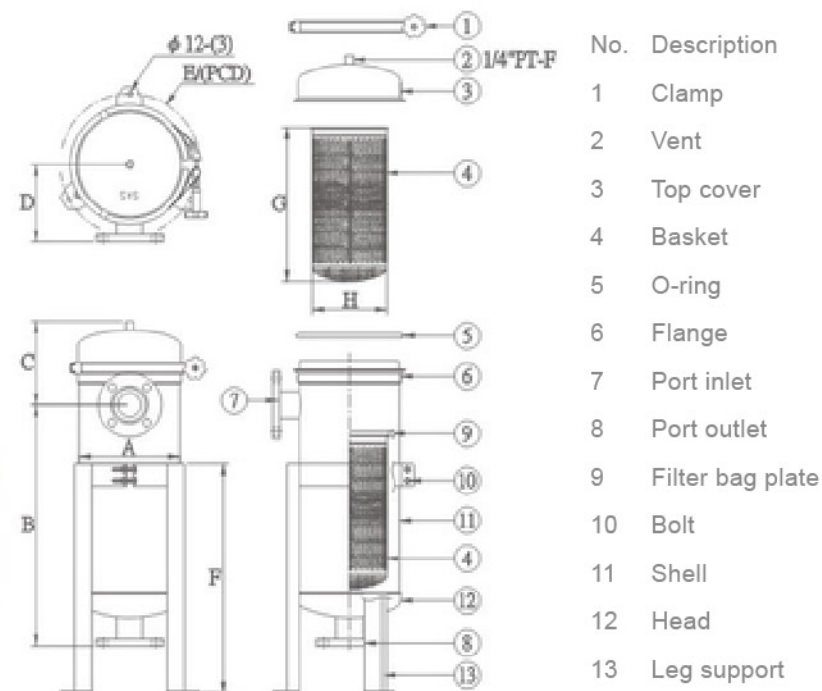
BF Series & Accessory

Filter bag-----	Material-----	PP、PE、NYLON、TEFLON、NOMEX、Woven fabric、Non-woven fabric
	Mode-----	SEWN、WE
	Ring-----	PP、SUS
	Precision-----	1~1000μm
	Specifications-----	Filter bag No.1 φ171.5mm*H419mm Filter bag No.2 φ171.5mm*H813mm Filter bag No.3 φ102mm*H229mm Filter bag No.4 φ102mm*H381mm
	M2-----	No.1:2.25/No.2:0.50/No.3:0.09/No.4:0.16
	M3/H-----	No.1:20/No.2:40/No.3:6/No.4:12
Basket-----	Material-----	SUS304、SUS316
	Aperture-----	φ4m/m (20um~200um/SUS316)
Bag pressing-----	Material-----	SUS304、SUS316
Bag brackrt-----	Material-----	SUS304、SUS316
Metal float ball	Material-----	SUS304、SUS316
	Specification-----	No.1: φ114mm*H275mm No.2: φ114mm*H665mm



BFL1~4 Series Low Pressure Filter Bag Housing

Material----- SUS304、SUS316、SUS316L
 Porting----- 1/2"~3"-PT、Flange and other special sizes
 O-ring----- EPDM、VITON
 Surface----- Electrolyze and others
 Accessories--- Filter bag、Bag pressing、Bag bracket、Metal float ball
 Design P.----- 10kg/cm2
 Operating P.-- 7kg/cm2
 Design T.----- 10℃
 Operating T--- 75℃



Model	A	B	C	D	E(PCD)	F	G	H	M3/Hr	GPM	WT	VOL
	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m				
BFL-1	φ232x1.5T	550	190	176	φ323	520	350	φ171..5	20	90	21kg	27L
BFL-2	φ232x1.5T	1005	190	176	φ323	250	730	φ171. 5	45	200	26kg	46L
BFL-3	φ180x1.5T	360	178	150	φ323	350	200	φ97.5	4.5	20	14kg	11L
BFL-4	φ180x1.5T	495	178	150	φ323	350	310	φ97.5	9	45	15kg	14L

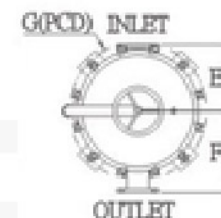
BFM1 Series High Flow Multi-bags Filter Housing(Bottom in & Out)

Material-----	SUS304、SUS316、SUS316L
Porting-----	1"~12"-PT、Flange and other special sizes
O-ring-----	EPDM、VITON、PTFE
Surface-----	Acid-Washings、Electrolyze and others
Accessories-----	Filter bag、Bag pressing、Bag bracket、Metal float ball
Bag specifications-	Filter bag No.2
Design P.-----	10kg/cm2
Operating P.-----	7kg/cm2
Design T.-----	100℃
Operating T.-----	75℃

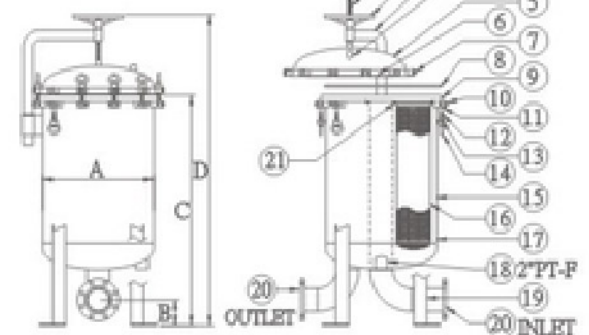


BFM-1 Series High Flow Rate Multi-bags Filter Housing(Bottom in & Out)

Model	No.(Bags)	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)	F(m/m)	G(PCD)(m/m)	M3/Hr	WT	VOL
400-3F	2	φ406	108	1053	1423	254	330	φ516	90	97Kg	116L
400-4F	2	φ406	127	1112	1482	292	368	φ516	90	102Kg	117L
600-3F	3	φ508	108	1078	1485	343	343	φ618	135	125Kg	188L
600-4F	3	φ508	127	1137	1544	343	381	φ618	135	130Kg	189L
800-3F	4	φ560	108	1083	1493	330	368	φ704	180	161Kg	244L
800-4F	4	φ560	127	1142	1552	330	407	φ704	180	169Kg	245L
800-6F	4	φ600	152	1247	1662	356	520	φ744	180	206Kg	279L
1000-3F	5	φ560	108	1083	1493	330	368	φ704	225	160Kg	244L
1000-4F	5	φ560	127	1142	1552	330	407	φ704	225	165Kg	278L
1000-6F	5	φ600	152	1247	1662	356	520	φ744	225	206Kg	246L
1200-3F	6	φ600	108	1088	1503	356	368	φ744	270	198Kg	277L
1200-4F	6	φ600	127	1147	1562	356	407	φ744	270	202Kg	278L
1200-6F	6	φ600	152	1247	1662	356	520	φ744	270	206Kg	279L
1400-3F	7	φ762	108	1133	1783	406	407	φ962	315	430Kg	488L
1400-4F	7	φ762	127	1192	1842	406	458	φ962	315	440Kg	489L
1400-6F	7	φ762	152	1297	1947	406	521	φ962	315	450Kg	491L
1400-8F	7	φ762	184	1398	2048	432	559	φ962	315	440Kg	493L
1600-4F	8	φ762	127	1192	1783	432	432	φ962	360	450Kg	489L
1600-6F	8	φ762	152	1297	1842	432	559	φ962	360	450Kg	491L
1600-8F	8	φ762	184	1398	2048	432	615	φ962	360	460Kg	493L
1800-6F	9	φ813	152	1307	1972	457	559	φ1013	405	520Kg	564L
1800-8F	9	φ813	184	1408	2073	457	559	φ1013	405	530Kg	566L
2000-6F	10	φ864	152	1327	2012	483	609	φ1064	450	590Kg	662L
2000-8F	10	φ864	184	1428	2113	483	584	φ1064	450	600Kg	664L
2000-10F	10	φ965	216	1557	2267	533	686	φ1215	450	715Kg	854L
2400-8F	12	φ965	184	1448	2158	533	597	φ1215	540	725Kg	852L
2400-10F	12	φ965	216	1557	2267	533	686	φ1215	540	735Kg	854L



Two-bag type, Three-bag type and Ten-bag type, the inlet is in side of Housing. The outlet is in centre.

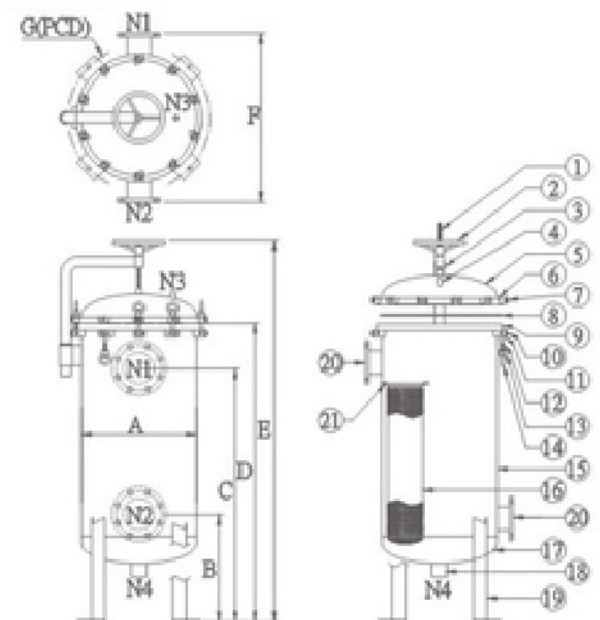


No. Description

- 1 Handle
- 2 Top cover
- 3 Vent
- 4 O-ring
- 5 O-ring
- 6 Shell flange
- 7 Spindle
- 8 Eye bolt
- 9 Washer
- 10 Eye nut
- 11 Shell
- 12 Port inlet
- 13 Port outlet
- 14 Nut
- 15 Leg support
- 16 Basket

BFM-2 Series High Flow Rate Multi-bags Filter Housing(Side in & Out)

Model	No.(Bags)	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)	F(m/m)	G(PCD)(m/m)	M3/Hr	WT	VOL
400-3F	2	φ406	400	1075	1260	1640	606	φ516	90	97Kg	116L
400-4F	2	φ406	400	1090	1300	1670	606	φ516	90	102Kg	117L
600-3F	3	φ486	400	1075	1260	1640	686	φ596	135	125Kg	188L
600-4F	3	φ486	400	1090	1300	1680	686	φ596	135	130Kg	189L
800-3F	4	φ508	400	1075	1260	1645	708	φ618	180	161Kg	244L
800-4F	4	φ508	400	1090	1300	1685	708	φ618	180	169Kg	245L
800-6F	4	φ508	450	1145	1380	1765	708	φ618	180	206Kg	279L
1000-3F	5	φ560	450	1125	1310	1710	760	φ704	225	160Kg	244L
1000-4F	5	φ560	450	1140	1350	1750	760	φ704	225	165Kg	278L
1000-6F	5	φ560	450	1245	1380	1780	760	φ704	225	206Kg	246L
1200-3F	6	φ600	450	1125	1310	1715	800	φ744	270	198Kg	277L
1200-4F	6	φ600	450	1140	1350	1755	800	φ744	270	202Kg	278L
1200-6F	6	φ600	450	1245	1380	1785	800	φ744	270	206Kg	279L
1400-3F	7	φ600	450	1125	1310	1715	800	φ744	315	430Kg	488L
1400-4F	7	φ600	450	1140	1350	1755	800	φ744	315	440Kg	489L
1400-6F	7	φ600	450	1145	1380	1785	800	φ744	315	450Kg	491L
1400-8F	7	φ600	500	1180	1455	1860	800	φ744	315	440Kg	493L
1600-4F	8	φ650	450	1140	1350	1760	850	φ744	315	450Kg	489L
1600-6F	8	φ650	500	1195	1430	1840	850	φ800	360	450Kg	491L
1600-8F	8	φ650	500	1180	1455	1865	962	φ800	360	460Kg	493L
1800-6F	9	φ762	550	1245	1480	2080	962	φ962	405	520Kg	564L
1800-8F	9	φ762	600	1280	1555	2155	962	φ962	405	530Kg	566L
2000-6F	10	φ762	550	1245	1480	2080	962	φ962	450	590Kg	662L
2000-8F	10	φ762	600	1280	1555	2155	962	φ962	450	600Kg	664L
2000-10F	10	φ762	600	1285	1600	2200	962	φ962	450	715Kg	854L
2400-8F	12	φ813	600	1280	1555	2180	1064	φ1064	540	725Kg	852L
2400-10F	12	φ813	650	1335	1650	2280	1064	φ1064	540	735Kg	854L

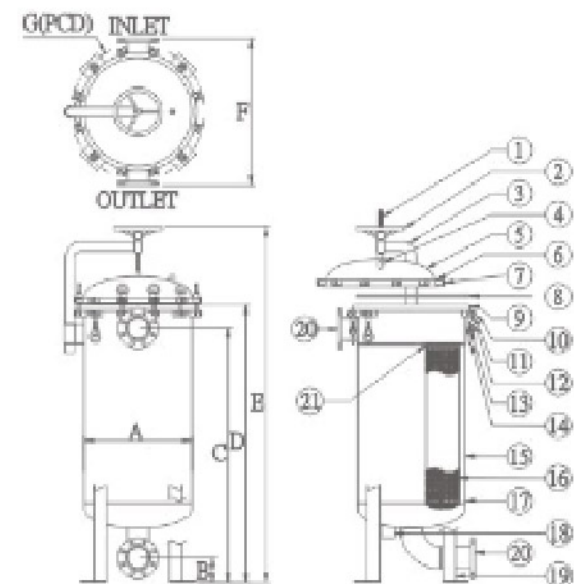


No. Description

- | | | | |
|----|------------------|----|--------------------|
| 1 | Crew | 12 | Eye bolt |
| 2 | Turntable | 13 | Washer |
| 3 | Hanger | 14 | Eye nut |
| 4 | Port vent | 15 | Shell |
| 5 | Top cover | 16 | Basket |
| 6 | Top cover flange | 17 | Head |
| 7 | Eye nut socket | 18 | Port drain |
| 8 | O-ring | 19 | Support |
| 9 | Shell flange | 20 | Port(inlet/outlet) |
| 10 | Eye bolt socket | 21 | Filter bag plate |
| 11 | Spindle | | |

BFM3 Series High Flow Rate Multi-bags Filter Housing(Side in & Bottom Out)

Model	No.(Bags)	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)	F(m/m)	G(PCD)(m/m)	M3/Hr	WT	VOL
400-3F	2	φ406	108	1088	1273	1643	606	φ516	90	97Kg	116L
400-4F	2	φ406	127	1159	1369	1739	606	φ516	90	102Kg	117L
600-3F	3	φ486	108	1098	1283	1663	686	φ596	135	125Kg	188L
600-4F	3	φ486	127	1169	1379	1759	686	φ596	135	130Kg	189L
800-3F	4	φ508	108	1103	1288	1673	708	φ618	180	161Kg	244L
800-4F	4	φ508	127	1174	1384	1769	708	φ618	180	169Kg	245L
800-6F	4	φ508	152	1300	1535	1920	708	φ618	180	206Kg	279L
1000-3F	5	φ560	108	1118	1303	1703	760	φ704	225	160Kg	244L
1000-4F	5	φ560	127	1189	1399	1799	760	φ704	225	165Kg	278L
1000-6F	5	φ560	152	1315	1550	1950	760	φ704	225	206Kg	246L
1200-3F	6	φ600	108	1123	1308	1713	800	φ744	270	198Kg	277L
1200-4F	6	φ600	127	1194	1404	1809	800	φ744	270	202Kg	278L
1200-6F	6	φ600	152	1320	1555	1960	800	φ744	270	206Kg	279L
1400-3F	7	φ600	108	1123	1308	1713	800	φ744	315	430Kg	488L
1400-4F	7	φ600	127	1194	1404	1809	800	φ744	315	440Kg	489L
1400-6F	7	φ600	152	1320	1555	1960	800	φ744	315	450Kg	491L
1400-8F	7	φ600	184	1454	1729	2134	800	φ744	315	440Kg	493L
1600-4F	8	φ650	127	1194	1404	1809	850	φ744	315	450Kg	489L
1600-6F	8	φ650	152	1325	1560	1970	850	φ800	360	450Kg	491L
1600-8F	8	φ650	184	1459	1734	2144	850	φ800	360	460Kg	493L
1800-6F	9	φ762	152	1365	1600	2200	962	φ962	405	520Kg	564L
1800-8F	9	φ762	184	1245	1774	2374	962	φ962	405	530Kg	566L
2000-6F	10	φ762	152	1365	1600	2200	962	φ962	450	590Kg	662L
2000-8F	10	φ762	184	1499	1774	2374	962	φ962	450	600Kg	664L
2000-10F	10	φ762	216	1632	1947	2547	962	φ962	450	715Kg	854L
2400-8F	12	φ813	184	1532	1807	2437	1064	φ1064	540	725Kg	852L
2400-10F	12	φ813	216	1666	1977	2607	1064	φ1064	540	735Kg	854L

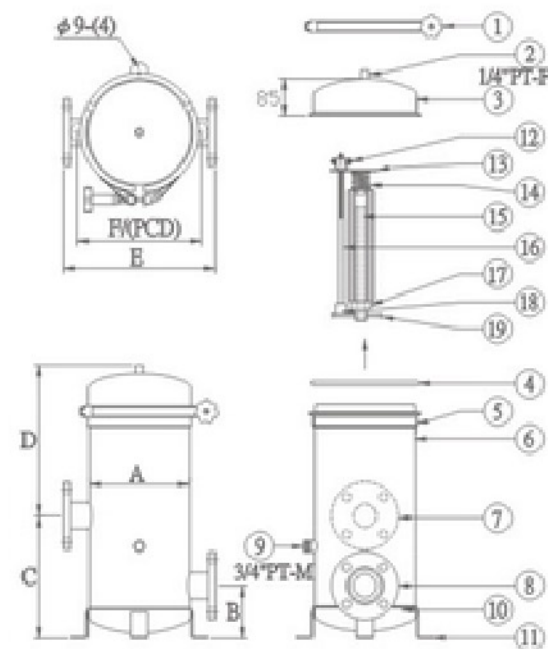


No. Description

1	Crew	12	Eye bolt
2	Turntable	13	Washer
3	Hanger	14	Eye nut
4	Port vent	15	Shell
5	Top cover	16	Basket
6	Top cover flange	17	Head
7	Eye nut socket	18	Port drain
8	O-ring	19	Support
9	Shell flange	20	Port(inlet/outlet)
10	Eye bolt socket	21	Filter bag plate
11	Spindle		

TK Series Low Pressure Filter Cartridge Housing

Material----- SUS304、SUS316、SUS316L
 Porting----- 1/2"~3"-PT、Flange and other special sizes
 O-ring----- EPDM、VITON
 Surface----- Electrolyze
 Accessories--- Cartridges、Partition
 Design P.----- 10kg/cm²
 Operating P.-- 7kg/cm³
 Design T.----- 100℃
 Operating T.-- 75℃



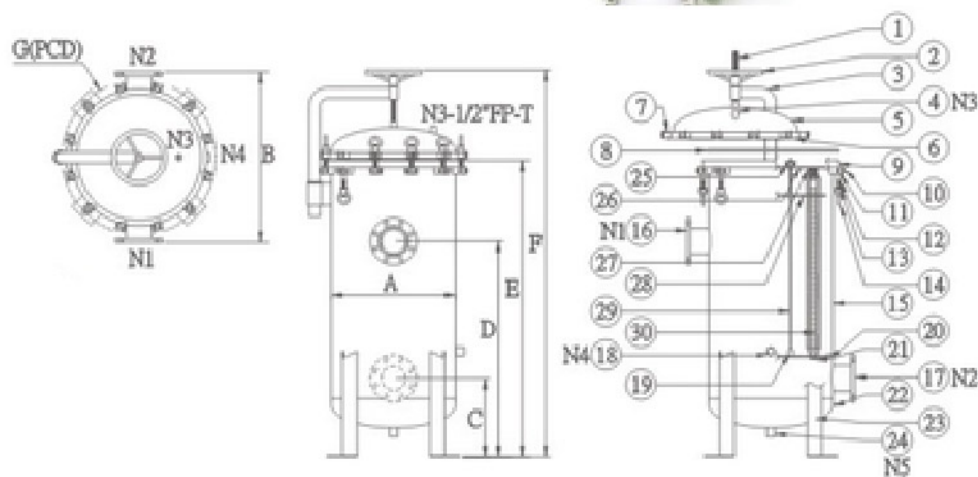
No. Description

- 1 Clamp
- 2 Port vent
- 3 Top cover
- 4 O-ring
- 5 Flange
- 6 Shell
- 7 Port inlet
- 8 Port outlet
- 9 Port drain
- 10 Head
- 11 Leg support
- 12 Nut
- 13 Squeeze plate
- 14 Springs
- 15 Aligning rod
- 16 Screw rod
- 17 Bowl
- 18 Nut
- 19 Support plate

Model	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)	F/PCD(m/m)	M3/Hr	GPM	WT	VOL
TK3~4-10"	φ180x1.5T	120	280	345	300	φ236	3~4	15~20	15kg	14L
TK3~4-20"	φ180x1.5T	120	280	610	300	φ236	6~8	30~40	18kg	21L
TK3~4-30"	φ180x1.5T	120	280	865	300	φ236	9~12	45~60	20kg	28L
TK5~7-10"	φ232x1.5T	120	280	345	352	φ288	5~7	25~35	21kg	23L
TK5~7-20"	φ232x1.5T	120	280	610	352	φ288	10~14	50~70	25kg	34L
TK5~7-30"	φ232x1.5T	120	280	865	352	φ288	15~21	75~105	28kg	45L
TK5~7-40"	φ232x1.5T	120	280	1120	352	φ288	20~28	100~140	31kg	55L

DL Series High Flow Rate Multi-Cartridges Filter Housing

Material----- SUS304、SUS316、SUS316L
 Porting----- 1"~12"-PT、Flange and other special sizes
 O-ring----- EPDM、VITON、PTFE
 Surface----- Acid-washing、Electrolyze and others
 Accessories--- Cartridges、Partition
 Specification Cartridge ----- 10", 20", 30", 40"
 Design P.----- 10kg/cm²
 Operating P.-- 7kg/cm²
 Design T.----- 100℃
 Operating T.-- 75℃



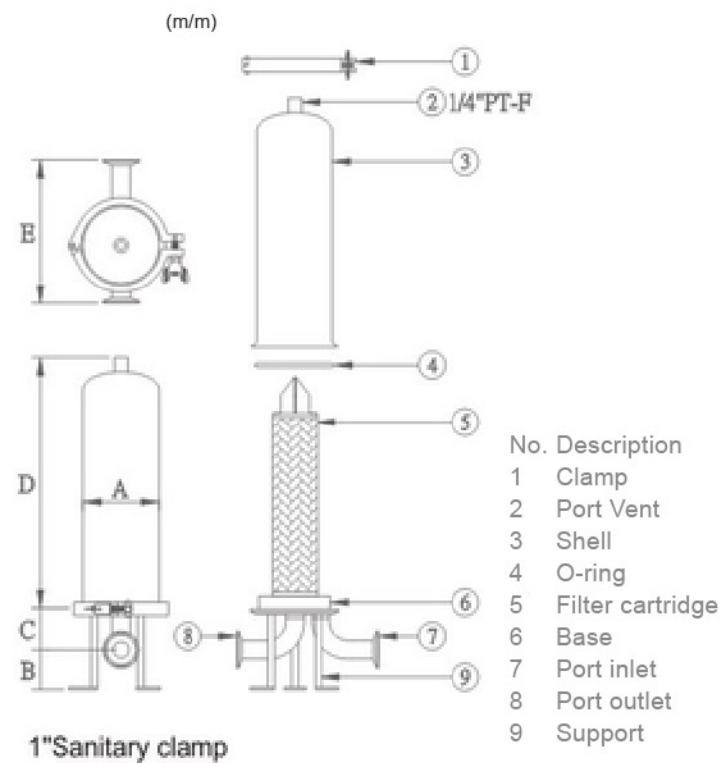
- | | | |
|---------------------|------------------|------------------|
| 1 Screw | 11 Spindle | 21 Bowl |
| 2 Turntable | 12 Eye bolt | 22 Head |
| 3 Hanger | 13 Washer | 23 Support |
| 4 Port vent | 14 Eye nut | 24 Port drain |
| 5 Top cover | 15 Shell | 25 Nut |
| 6 Top' cover flange | 16 Port inlet | 26 Squeeze plate |
| 7 Eye nut socket | 17 Port outlet | 27 Springs |
| 8 O-ring | 18 Port drain | 28 Partitions |
| 9 Shell flange | 19 Nut | 29 Screw rod |
| 10 Eye bolt socket | 20 Support plate | 30 Aligning rod |

STAINLESS STEEL HOUSING

Model	Filter Height	N1/N2	N1/N2	N4/N5	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)	F(m/m)	G(PCD)(m/m)	M3/Hr	GPM	WT	VOL
8~12	30"	2"~4"F	2"~4"F	1"PT-F	φ300	500	350	700	1320	1690	φ410	24~36	120~180	77kg	89L
	40"	2"~4"F	2"~4"F	1"PT-F	φ300	500	350	700	1570	1940	φ410	32~48	160~240	85kg	107L
13~20	30"	2"~4"F	2"~4"F	1"PT-F	φ406	606	350	700	1320	1700	φ516	39~60	195~300	105kg	165L
	40"	2"~4"F	2"~4"F	1"PT-F	φ406	606	350	700	1570	1950	φ516	52~80	260~400	125kg	198L
21~28	30"	3"~4"F	3"~4"F	1"PT-F	φ486	686	350	700	1320	1705	φ596	63~84	315~420	120kg	239L
	40"	3"~4"F	3"~4"F	1"PT-F	φ486	686	350	700	1570	1955	φ596	84~112	420~560	145kg	286L
29~36	30"	3"~4"F	3"~4"F	1"PT-F	φ560	760	350	700	1320	1730	φ704	87~108	435~540	190kg	327L
	40"	4"~6"F	4"~6"F	1"PT-F	φ560	760	400	800	1630	2040	φ704	116~138	580~720	225kg	389L
37~46	30"	4"~6"F	4"~6"F	1"PT-F	φ600	800	400	800	1380	1790	φ744	111~138	555~690	200kg	401L
	40"	4"~6"F	4"~6"F	1"PT-F	φ600	800	400	800	1630	2050	φ744	148~184	740~920	230kg	460L
47~56	30"	4"~6"F	4"~6"F	1"PT-F	φ650	850	450	850	1430	1885	φ800	141~168	705~840	242kg	484L
	40"	4"~6"F	4"~6"F	1"PT-F	φ650	850	450	850	1680	2135	φ800	188~224	940~1120	280kg	567L
57~81	30"	4"~6"F	4"~6"F	11/2"PT-F	φ762	962	500	950	1480	2130	φ960	171~243	855~1215	365kg	665L
	40"	4"~6"F	4"~6"F	11/2"PT-F	φ762	962	500	950	1730	2380	φ960	228~324	1140~1620	408kg	802L
82~95	30"	6"~8"F	6"~8"F	2"PT-F	φ900	1100	550	1000	1630	2330	φ1100	246~285	1230~1425	687kg	1042L
	40"	6"~8"F	6"~8"F	2"PT-F	φ900	1100	550	1000	1880	2580	φ1100	328~380	1640~1900	715kg	1201L
96~135	30"	8"~10"F	8"~10"F	2"PT-F	φ1000	1200	600	1100	1710	2420	φ1200	288~405	1440~2025	791kg	1350L
	40"	8"~10"F	8"~10"F	2"PT-F	φ1000	1200	600	1100	1960	2670	φ1200	384~540	1920~2700	832kg	1546L
136~155	30"	10"~12"F	10"~12"F	2"PT-F	φ1100	1300	650	1250	1760	2475	φ1300	408~465	2040~2325	1046kg	1580L
	40"	10"~12"F	10"~12"F	2"PT-F	φ1100	1300	650	1250	2010	2725	φ1300	544~620	2720~3100	1102kg	1817L
156~173	30"	10"~12"F	10"~12"F	2"PT-F	φ1200	1400	650	1250	1760	2480	φ1400	468~692	2340~2595	1188kg	1955L
	40"	10"~12"F	10"~12"F	2"PT-F	φ1200	1400	650	1250	2010	2730	φ1400	624~692	3120~3460	1247kg	2238L

1RS Series Electropolished Filter Cartridge Housing

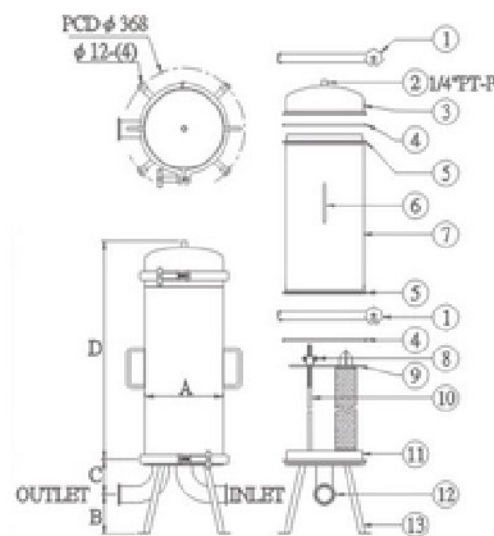
Material----- SUS316 、 SUS316L
 Porting----- Flange and sanitary clamp connection and other special sizes
 O-ring----- EPDM 、 VITON
 Surface----- Interior and exterior burnish
 Design P.--- 10kg/cm2
 Design T.--- 100℃



Model	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)	GPM	WT
1RS-10"	φ106x2T	55	57	348	199	5	4.5kg
1RS-20"	φ106x2T	55	57	598	199	10	6.0kg
1RS-30"	φ106x2T	55	57	848	199	15	7.5kg

3~6RS Series Electropolished Filter Cartridge Housing

Material----- SUS316、SUS316L
 Porting----- Flange and sanitary clamp connection and other special sizes
 O-ring----- EPDM、VITON
 Surface----- Interior and exterior burnish
 Design P.----- 10kg/cm²
 Operating P.-- 7kg/cm²
 Design T.----- 100℃
 Operating T.-- 75℃

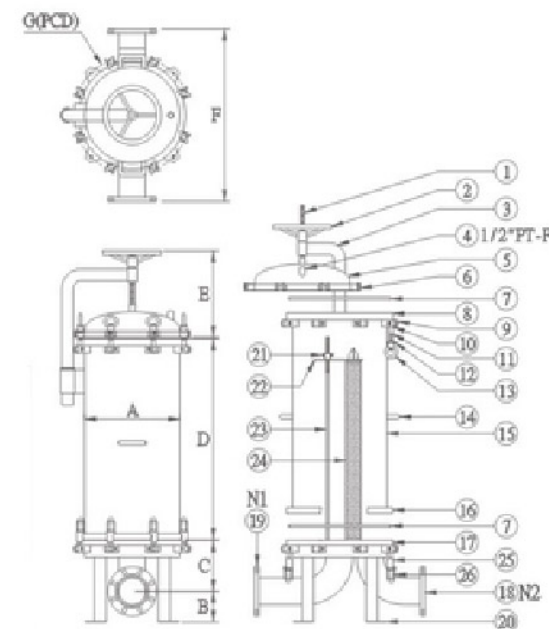


- No. Description
- 1 Clamp
 - 2 Port Vent
 - 3 Top cover
 - 4 O-ring
 - 5 Flange
 - 6 Handle
 - 7 Shell
 - 8 Nut
 - 9 Squeeze plate
 - 10 Screw rod
 - 11 Base
 - 12 Port(inlet/outlet)
 - 13 Support

Model	A(m/m)	B(m/m)	C(m/m)	D(m/m)	M3/Hr	GPM	WT	VOL	REMARK
3~6RS-10"	φ238x2T	119.8	105.2	406	3~6	15~30	21.0kg	14L	Single clamp type
3~5RS-20"	φ238x2T	119.8	105.2	661	6~12	30~60	26.0kg	24L	Double clamp type
3~6RS-30"	φ238x2T	119.8	105.2	911	9~18	45~90	29.5kg	35L	Double clamp type
3~6RS-40"	φ238x2T	119.8	105.2	1161	12~24	60~120	33.0kg	45L	Double clamp type

DL-RS Series Multi-Cartridges Electropolished Filter Cartridge Housing

Material----- SUS316、SUS316L
 Porting----- Flange and sanitary clamp connection and other special sizes
 O-ring----- EPDM、VITON
 Surface----- Interior and exterior burmish
 Accessories--- Cartridges、Partition
 Design P.----- 10kg/cm²
 Operating P.-- 7kg/cm²
 Design T.----- 100℃
 Operating T.-- 75℃



Model	N1/N2	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)	F(m/m)	G(PCD)(m/m)	M3/Hr	GPM	WT	VOL
8RS-30"	2"~3"	φ350	130	215	850	375	500	φ445	24	120	116kg	90L
10RS-30"	2"~3"	φ350	130	215	850	375	500	φ445	30	150	116kg	90L
12RS-30"	2"~4"	φ406	150	215	850	375	600	φ500	36	180	150kg	120L
16RS-30"	2"~4"	φ406	150	215	850	375	600	φ500	48	240	150kg	120L
20RS-30"	2"~4"	φ486	150	215	850	395	700	φ580	60	300	185kg	172L
22RS-30"	2"~4"	φ486	150	215	850	395	700	φ580	66	330	185kg	172L

- | | |
|--------------------|---------------------|
| 1 Screw | 13 Eye nut |
| 2 Turntable | 14 Handle |
| 3 Hanger | 15 Shell |
| 4 Port vent | 16 Top cover flange |
| 5 Top cover | 17 Base |
| 6 Top cover flange | 18 Prot outlet |
| 7 O-ring | 19 Port inlet |
| 8 Shell flange | 20 Support |
| 9 Eye bolt socket | 21 Nut |
| 10 Spindle | 22 Squeeze plate |
| 11 Eye bolt | 23 Screw rod |
| 12 Washer | 24 Filter cartridge |
| | 25 Padlock |
| | 26 Nut |

263 / 268

263 is a filter valve, 268 is a softener valve

273 / 278

Comercial Performa Control Valves





MANUAL FILTER VALVE

Specifications

	102	402
Water Pressure	1.5~4 kg	1.5~4 kg
Water Temperature	5~45°C	5~45°C
Inlet/Outlet	1"	1.5"
Drain	3/4"	1.5"
Base	2.5"-8NPSM	4"-8UN
Riser Pipe	3/4"	1.5"
Max Flow Rate	3.5m ³ /hr	16m ³ /hr
Suitable Tank Size (in)	7"~18"	13"~36"

MANUAL SOFTENER VALVE

Specifications

	101	401
Water Pressure	1.5~4 kg	1.5~4 kg
Water Temperature	5~45°C	5~45°C
Inlet/Outlet	1"	1.5"
Drain	3/4"	1.5"
Base	2.5"-8NPSM	4"-8UN
Riser Pipe	3/4"	1.5"
Max Flow Rate	3.5m ³ /hr	16m ³ /hr
Suitable Tank Size (in)	7"~18"	13"~36"

Membrane Pressure Vessels



- Wave Cyber Membrane Pressure Vessels are made of high quality FRP and uses an advanced winding process.
- Full Choice of Membrane Pressure Vessels
- 2.5" End Port Configurations Available
- 4" End Port and Side Port Configurations Available
- 8" End Port and Side Port Configurations Available
- Pressure rating from 150 psi to 1200 psi
- Length from 1 element to 8 elements

Pressure Tank



High Quality PE Liner with FRP Filament Winding
Full Choice of Pressure Tanks

- Residential Tanks (6"-13" diameter)
- Commercial Tanks (14" – 24" diameter)
- Industrial Tanks (30" – 63" diameter)

Operating Pressure: 150 psi (10.5 bars)
Operating Temperature: 120°F(49°C)
NSF and PED Certified

Commercial RO Water System

Type	Capacity (m ³ /hr)	Inlet	Outlet	Drain	RO Membrane	RO Vessel	RO Pump	Dimention
SCRO-S250	0.04	3/8"	3/8"	1/4"	2521×1	2521×1	0.4 HP	55L×60W×90H cm
SCRO-S500	0.08	3/8"	3/8"	1/4"	2521×2	2521×2	0.4 HP	55L×60W×90H cm
SCRO-S800	0.13	3/8"	3/8"	1/4"	4021×1	4021×1	0.4 HP	55L×60W×90H cm
SCRO-250	0.04	3/8"	3/8"	1/4"	2521×1	2521×1	0.4 HP	65L×35W×90H cm
SCRO-500	0.08	3/8"	3/8"	1/4"	2521×2	2521×2	0.4 HP	65L×35W×90H cm
SCRO-800	0.13	3/8"	3/8"	1/4"	4021×1	4021×1	0.4 HP	65L×35W×90H cm
SCRO-1500	0.25	1/2"	1/2"	1/2"	4040×1	4040×1	1 HP/2 HP	65L×60W×170H cm
SCRO-3000	0.5	3/4"	1/2"	1/2"	4040×2	4040×2	2 HP	65L×60W×170H cm

*Material of RO vessel: FRP or SUS-304 (optional).



SCRO-250/500/800



SCRO-S250/500/800



SCRO-3000



SCRO-6000



SCRO-12000

Industrial Water System



SCRO-30CMH

Type	Capacity (m ³ /hr)	Inlet	Outlet	Drain	RO Membrane	RO Vessel	RO Pump	Dimention
SCRO-4500	0.75	1"	3/4"	3/4"	4040×3	4040×3	3 HP	80L×70W×170H cm
SCRO-6000	1	1"	3/4"	1/2"	4040×4	4040×4	3 HP	80L×70W×170H cm
SCRO-9000	1.5	1"	3/4"	3/4"	4040×6	4040×6	3 HP	80L×95W×170H cm
SCRO-12000	2	1.5"	1"	3/4"	4040×8	4040×8	5.5 HP	120L×95W×170H cm
SCRO-15000	2.5	1.5"	1"	1"	4040×10	4040×10	5.5 HP	140L×95W×170H cm
SCRO-18000	3	1.5"	1"	1"	4040×12	4040×12	5.5 HP	150L×95W×170H cm
SCRO-21000	3.5	1.5"	1"	1"	4040×14	4040×14	5.5 HP	170L×95W×170H cm

*Material of RO vessel: FRP or SUS-304 (optional).

RO Water System With Pretreatment

The purpose of reverse osmosis pretreatment is to optimize the performance and life of the RO membrane elements.

Whole set include:

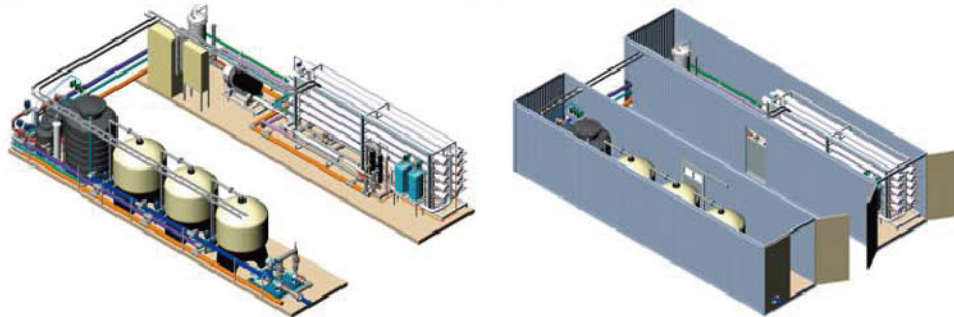
- 1.Raw water/booster pump
- 2.Media sand filter
- 3.Activated carbon filter
- 4.Soften filter(or antiscalant)
- 5.RO plant



SWRO Seawater Desalination System

SWRO series is designed for ultimate reliability and ease of operation. It supplies small to large sized system of high quality potable water.

700CMD (in container)



SCRO-300



SCRO-400



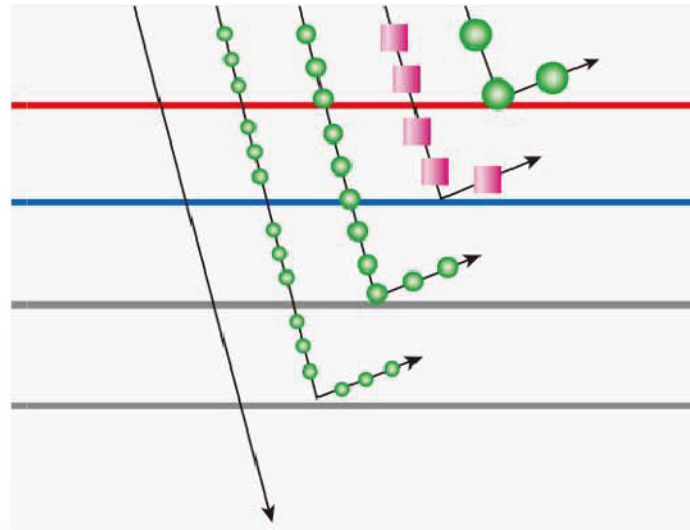
Ultrafiltration System



Industrial



Commercial



MF(Micro Filtration)
0.1~20 μ m
Bacteria, solids

UF(UltraFiltration)
0.005~0.1 μ m
Vitruses, Pigments, Colloids

NF(Nano Filtration)
0.0005~0.005 μ m
Sugars, Dyes, Surfactants, Minerals

RO(Reverse Osmosis)
0.0001~0.001 μ m
Salts, Metal ions, Minerals