



الرضا للكيماويات ومعالجة المياه
Al-Reda for Water & Chemicals

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website QR code



WhatsApp QR code

Desalination
محطات تحليه

Water treatment
محطات معالجه

waste water
محطات صرف

Chemicals
كيماويات



لمحطات معالجة المياه
Water treatment Equipment



معدات الانتاج

PRODUCTION EQUIPMENT

التكنولوجيا العلمية هي جوهر القدرة التنافسية للمؤسسة

Scientific technology is the core competitiveness of an enterprise

الجودة المثالية مستمدة من معدات التصنيع المتقدمة مع معدات الإنتاج المتقدمة، إداره الجوده الصارمه
تجمع النخبة المهنية والفنية والخبرات التكنولوجيه الرائدة لضمان الأداء الممتاز لكل منتج مدعوما بقوة تقنية قوية

The perfect quality is derived from the advanced manufacturing equipment, with advanced production equipment, strict quality management and gathering of professional and technical elites and leading technology teams to ensure the excellent performance of each product, backed by strong technical force



التطبيقات

APPLICATIONS

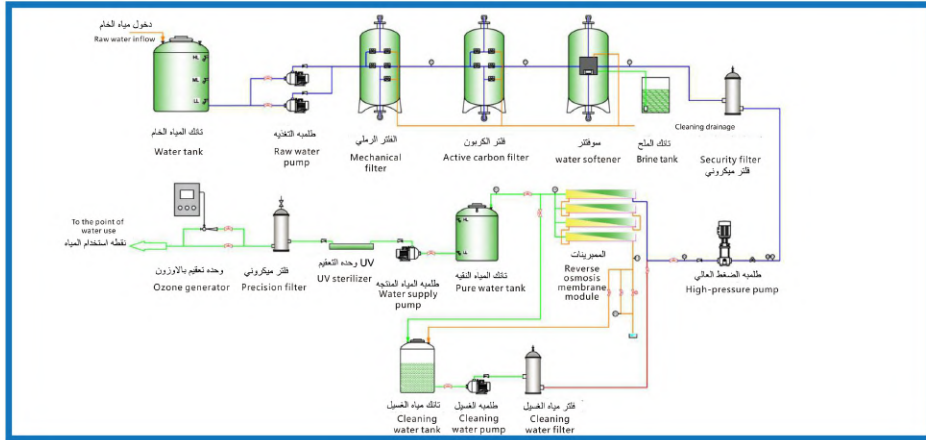


PROFESSIONAL HIGH EFFICIENCY QUALITY

We have basic requirements for every product

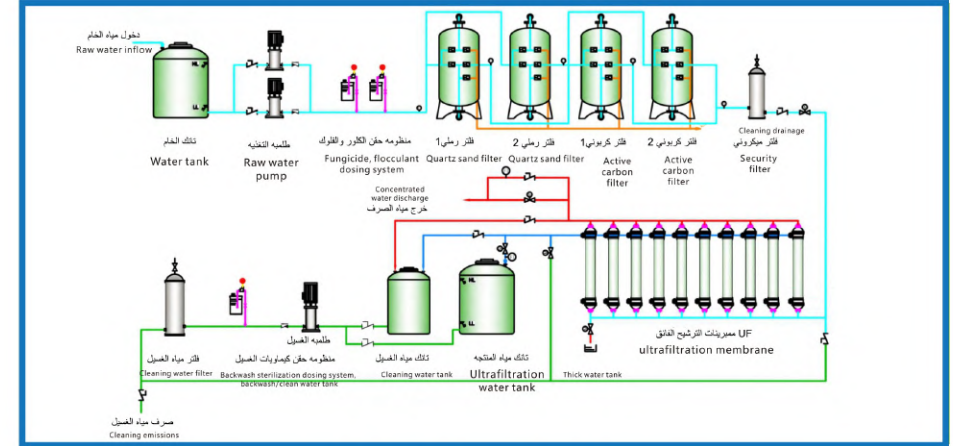
We provide you with one-stop service from process design to equipment installation and debugging





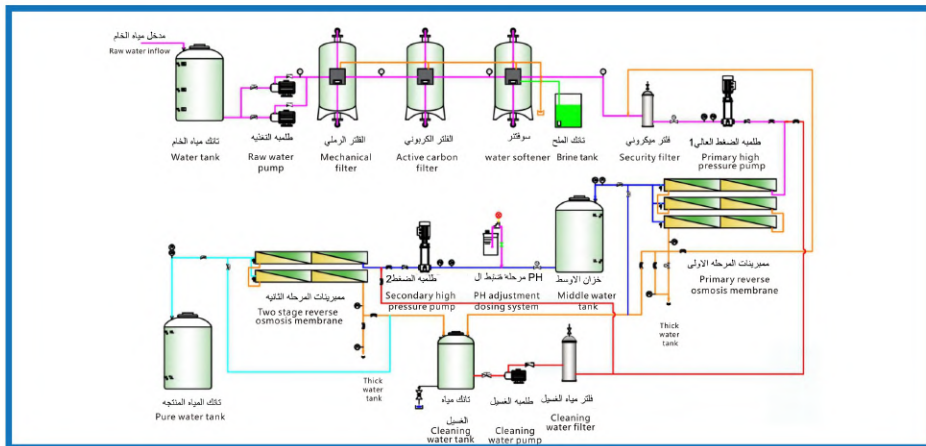
مخطط سريان لمحطة تحليه مياه مرحله واحده

Process Flow Of One Stage Everse Osmosis Equipment



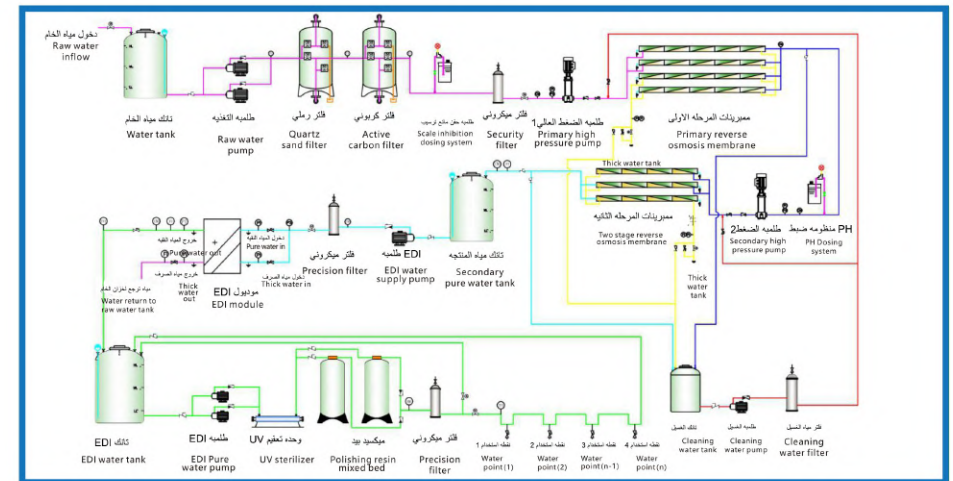
مخطط سريان محطة ترشيح فائق UF

Process Flow Of Ultrafiltration Equipment



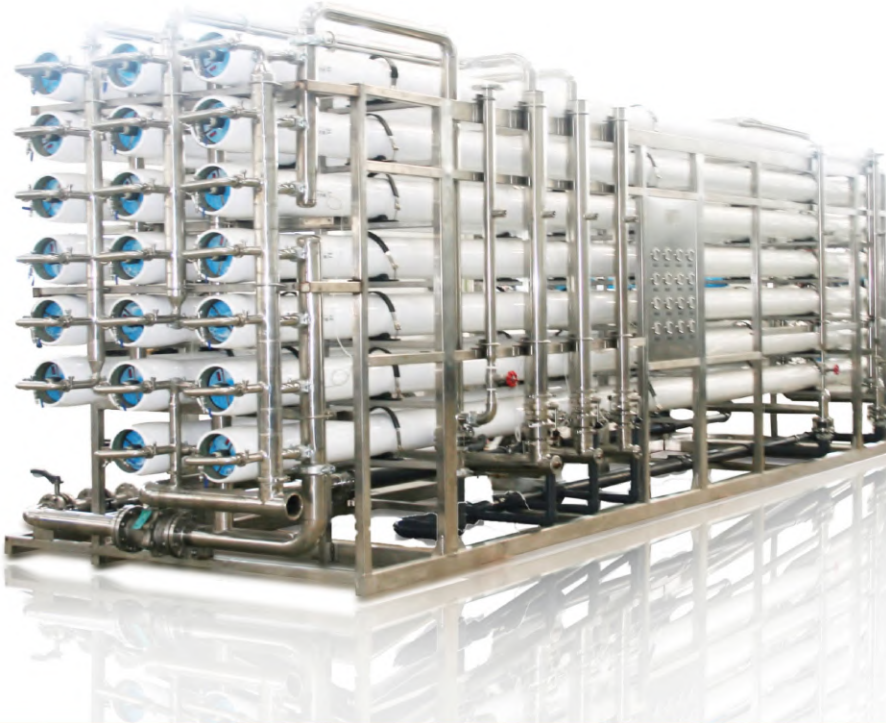
مخطط سريان لمحطة تحليه مياه مرحلتين

Process Flow Of Two Stage Reverse Osmosis Equipment



مخطط سريان لمحطة تحليه مياه مرحلتين + وحدة EDI

Process Flow Of Two Stage Reverse Osmosis + EDI Equipment



تقديم المنتج

تغطي منظومات محطات تحليه المياه صناعه الاكتر ونيات ومحطات الطاقه وقطاع الانويه والبتروك والكيمويات والاغذيه والمشروبات والصباغة والتجهيز للحصول على مياه فائقة الجودة . منظومات تحليه المياه بنقلية التناضح العكسي هي اكثر الطرق الفعاليه والاقتصاديه في صناعه المياه . في هذه المنظومه يمكن الحصول على مياه قليله الاملاح من المياه عاليه الاملاح عن طريق ضخها الى ممبرينات او اغشيه شبيه نفاده . هذا الغشاء يطرده الاملاح والمواد الضاره والغشاص الثقيله من المياه للحصول على مياه فائقة الجودة

الاداء والخصائص

يمكن انتاج المياه بصوره مستمره بدون انقطاع او اعاده تنشيط وتقليل العماله يتم استخدام اغشيه اصليه مستورده يمكن طرد الاملاح الى نسبته 97-99% يتم ازاله المواد العضويه والبكتريا بنسبه 98% يتم استخدام اجهزه قياس على الخط للتأكد من جوده المياه مثل قياس الاملاح PH ORP يتم استخدام اجهزه تحكم ولوحه كهرباء دقيقه تضمن استمراريه اداء المحطه

PRODUCT INTRODUCTION

The company's CK-RO series reverse osmosis device for electronics , power plants, pharmaceutical, petroleum, chemical food and beverage and printing fields to provide high quality water , reverse osmosis pure water technology is the most advanced, the most economic and the most effective system in water treatment industry , which is a process to push high-content salt water reverse into lower salt water by press water into ro membrane. By this , most hazardous substances, heavy metal, soluble solid are wiped off. Then only water molecule can go through the ro membrane to be pure water.

PERFORMANCE AND CHARACTERISTICS

1. It can make water continuously without regeneration and reduce labor intensity
2. Original imported reverse osmosis membrane, desalination rate up to 97% - 99%
3. Removal of organic matter and bacteria 98%, heat-source more than 98
4. On line conductivity monitoring to ensure good effluent quality
5. PLC microcomputer monitoring, washing RO membrane regularly



مواصفات المحطة

1000:10000 mg/l	املاح مياه الدخول
<98%	نسبة التخلص من الاملاح
2-40c	درجة حرارة مياه الدخول
مواصفات منظمة الصحة العالمية	جودة المياه المنتجة
صالحة لجميع مواصفات مياه الشرب	املاح المياه المنتجة
10-65%	معدل الاستخلاص
22v/50hz-380v/50hz	القدرة الكهربائية
ممبرينات بماركات عالمية	الممبرينات

SYSTEM PARAMETERS

Feed water salinity: 1000-10000mg/L
Salt rejection: $\geq 98\%$
Feed water temperature: 2-40°C
Produced water quality: in line with "World Health Organization Drinking Water Quality Guidelines" "National Drinking Water Quality Standard"
Product water salinity: ≤ 500 mg/L
Recovery rate: 10-65%
Power supply(available): 380V/50HZ; 220V (440V) /60HZ
Membrane components: international element brand



محطة تحليه مياه ابار قدره 15 متر ساعه 15 T/H Brackish water desalination plant



محطة تحليه مياه ابار قدره 25 متر ساعه 25T/H Brackish water desalination plant

مواصفات المحطة

38000 mg/l

<98%

2-40c

مواصفات منظمة الصحة العالمي

صالحة لجميع مواصفات مياه الشرب

10-65%

22v/50hz-380v/50hz

ممبرينات بماركات عالميه

املاح مياه الدخول

نسبه التخلص من الاملاح

درجة حراره مياه الدخول

جوده المياه المنتجه

املاح المياه المنتجه

معدل الاستخلاص

القدره الكهربيه

الممبرينات

SYSTEM PARAMETERS

Feed water salintiy: ≤38000mg/L

Salt rejection : ≥98%

Feed water temperature: 2-40°C

Produced water quality: in line with "World Health Organization

Drinking Water Quality Guidelines" "National Drinking Water

Quality Standard"

Product water salinity: ≤600mg/L

Recovery rate: 10-40%

Power supply(available): 380V/50HZ; 220V (440V) /60HZ

Membrane components: international element brand

استخدام محطات التحليه

محطات تحليه مياه البحر تستخدم في مياه الشرب والزراعه

Desalination Uses:

Seawater desalination is mainly to provide drinking water and agricultural water, and sometimes edible salt is also used as a by-product Be produced



مواصفات المنتج

محطات الترشيح الفائق تعتمد على التأثير بضغط على غشاء مسامي يقوم بترشيح العوالق والجزيئات الأكبر من 0.2-0.002 ميكرون وبالتالي فهو يقوم بإزالة الرواسب والسيليكا والبكتيريا والميكروبات وجميع المواد العضوية
لذلك فإن تكنولوجيا الترشيح الفائق يتم استخدامها في كثير من التطبيقات مثل معالجة المياه السطحية - إعادة تدوير المياه - المعالجة الابتدائية لمحطات التحلية

PRODUCT INTRODUCTION

Ultrafiltration water treatment equipment is a process driven by pressure. Through the micropore screening on the membrane surface, particles and impurities with a diameter of 0.002-0.1 μm can be intercepted, which can effectively remove colloids, silicon, proteins, and microorganisms in the water. And organic matter. When the liquid mixture flows through the surface of the membrane under a certain pressure, the solvent and small molecular substances penetrate the membrane and are trapped, thereby achieving size and intermolecular separation and purification. It can be widely used in the separation, concentration and purification of substances. The process has no phase transformation, no heating, normal temperature operation, energy saving, and particularly suitable for the separation of heat-sensitive substances. The ultrafiltration process is simple, with few supporting devices, simple operation and low maintenance cost. Resistant to chemical erosion, wide range of PH adaptability, largest membrane area per unit volume, lowest investment cost, simple cleaning.



مبدأ العمل

الترشيح الابتدائي

(كالفلتر متعدد الوسائط او الفلتر الكربوني او السوفتندر او الكارتريج فلتر)

فيه يتم مرور المياه بضغط من الاعلى الى الاسفل وفيه اما يتم
ازاله المواد العالقه والمكابه - او الكلور والروائح - او العسوره

WORKING PRINCIPLE

Pre-treatment equipment (also known as multi-media filter, activated carbon filter, water softener). Is a pressure filter, using the refined filter material filled in the filter, when the water comes from, when flowing through the filter layer from top to bottom, the suspended solids and viscous particles in the water are removed, thereby reduce the turbidity of water.



تكلفه قليله , تكلفه تشغيل قليله , سهوله التشغيل
تشغيل لمدى طويله بنفس الاوساط الترشيحيه
تأثير قوي وفعال بمساحه قليله

1. Low equipment cost, low operating cost and easy management
2. The filter material can be used multiple times after backwashing, and the filter material has a long life
3. Good filtering effect, small footprint



TECHNICAL PARAMETER

Model	Productivity (T/H)	Motor Power (KW)	Filtration Accuracy (UM)	Turbidity Of Effluent (NTU)	Turbidity Of Raw Water (NTU)
RO-500L	0.5	0.37	100	≤5	≤100
RO-1000L	1	0.37	100	≤5	≤100
RO-2000L	2	0.55	100	≤5	≤100
RO-3000L	3	0.55	100	≤5	≤100
RO-4000L	4	0.75	100	≤5	≤100
RO-5000L	5	1.1	100	≤5	≤100
RO-10T	10	1.8	100	≤5	≤100
RO-20T	20	4	100	≤5	≤100
RO-30T	30	5.5	100	≤5	≤100
RO-50T	50	7.5	100	≤5	≤100
RO-100T	100	15	100	≤5	≤100
RO-200T	200	30	100	≤5	≤100

مبدأ عمل السوفتندر

يقوم مبدأ عمل السوفتندر أو الميسر بالتخلص من العسورة في المياه أو املاح الكالسيوم والمغنسيوم عن طريق مبادله املاح الكالسيوم والمغنسيوم الموجودين بالمياه ومبادلتهم على سطح ريزن بايون الصوديوم الموجود بملاح التنشيط



WORKING PRINCIPLE OF SOFTENER WATER TREATMENT EQUIPMENT

Since the hardness of water is mainly formed and expressed by calcium and magnesium, the principle of magnesium formation and sodium ion exchange softening treatment is to pass the raw water through the sodium-type cation exchange resin to make the hardness components Ca^{2+} and Mg^{2+} in the water. Exchange with the Na^{+} in the resin, thereby adsorbing Ca^{2+} and Mg^{2+} in the water, so that the water is softened. After the resin absorbs a certain amount of calcium and magnesium ions, it must be regenerated. The regeneration process is to use the salt box rinse the resin layer with salt water to replace the hardness ions on the resin. With the regeneration waste liquid discharged out of the tank, the resin restores its softening exchange function.



TECHNICAL PARAMETERS

Model	Productivity (T/H)	Resin Tank	Resin Loading Quantity (kg)	Brine Tank Size (L)	Pipe Size (IN)
SF-500L	0.5	544	20	20L	1/2"
SF-1000L	1	1054	50	60L	3/4"
SF-2000L	2	1322	80	80L	G1"
SF-3000L	3	1465	100	100L	G1"
SF-4000L	4	1665	150	200L	G1 1/8"
SF-5000L	5	2072	200	200L	G1 1/4"
SF-6000L	6	2472	300	300L	G1 1/2"
SF-10000L	10	3072	475	500L	G2"
SF-12000L	12	3672	475	600L	G2"
SF-15000L	15	3672	650	800L	G2"
SF-20000L	20	4072	800	800L	G2"

CONTROL VALVES JY VALVE

manual valve series

Manual valves ■■■■



15 m3/hr

7 m3/hr

3 m3/hr

15 m3/hr

7 m3/hr

automatic valve series

Automatic valves ■■■■



7 m3/hr

7 m3/hr

15 m3/hr

18 m3/hr



25 m3/hr

48m3/hr

70m3/hr

FLUX FRP TANKS

flux
Water Treatment Equipments



1) Application conditions

Maximum working pressure: 150 psi (1.0MPa)
Maximum operating temperature: 120 °F (50 °C)

2) Material and structure

Lining material: high density polyethylene
Can body opening: 2.5 inch, 4 inch internal thread
6-inch internal thread, 6-inch flange

3) Product features

It has strong corrosion resistance and is suitable for acid-base storage tanks and metering tanks
High strength and light weight
3-year warranty

4) Product application

Filtration softening storage ion exchange

5) Selective Color

blue

Product specification (8"-63")

Tank size	Inch	mm	Opening form		Capacity	Rise	Gallon	Base	Size			
			Upper opening	Lower opening					A(mm)	B(mm)	C(mm)	D(mm)
8x35	200x890	2.5 inches	/	/	25.0	6.6	standard	triangle	895	Φ216		Φ207
8x44	200x1100	2.5 inches	/	/	32.1	8.5	standard	triangle	1125	Φ216		Φ207
9x48	230x1200	2.5 inches	/	/	43.7	11.5	standard	triangle	1225	Φ240		Φ231
10x35	250x890	2.5 inches	/	/	39.0	10.3	standard	triangle	900	Φ266		Φ258
10x44	250x1115	2.5 inches	/	/	50.2	13.3	standard	triangle	1125	Φ266		Φ258
10x54	250x1400	2.5 inches	/	/	62.8	16.6	standard	triangle	1385	Φ266		Φ258
12x48	300x1200	2.5 inches	/	/	77.5	20.5	standard	triangle	1233	Φ318		Φ307
12x52	300x1400	2.5 inches	/	/	84.5	22.3	standard	triangle	1333	Φ318		Φ307
13x54	330x1400	2.5 inches	/	/	103.9	27.5	standard	triangle	1376	Φ343		Φ334
14x65	350x1600	2.5 inches	/	/	145.7	38.5	standard	triangle	1655	Φ369		Φ359
14x65	350x1600	4"-8UN	/	/	145.7	38.5	standard	triangle	1655	Φ369		Φ359
14x65	400x1600	2.5 inches	/	/	189.7	50.1	standard	triangle	1648	Φ420		Φ409
14x65	400x1600	4"-8UN	/	/	189.7	50.1	standard	triangle	1648	Φ420		Φ409
14x65	400x1600	4"-8UN	/	/	189.7	50.1	triangle	triangle	1885	Φ430	250	Φ409
18x65	450x1650	4"-8UN	/	/	237.0	62.6	triangle	triangle	1670	Φ451		Φ462
18x65	450x1650	4"-8UN	/	/	237.0	62.6	triangle	triangle	1950	Φ480	320	Φ462
21x62	550x1600	4"-8UN	/	/	307.8	81.3	triangle	triangle	1620	Φ532		Φ539
21x62	550x1600	4"-8UN	/	/	307.8	81.3	triangle	triangle	1890	Φ555	320	Φ539
24x72	600x2100	4"-8UN	/	/	471.9	124.7	triangle	triangle	1910	Φ612		Φ613
24x72	600x2100	4"-8UN	/	/	471.9	124.7	triangle	triangle	2095	Φ610	240	Φ613
30x72	750x2100	4"-8UN	/	/	715.8	187.9	triangle	triangle	2077	Φ750	235	Φ766
36x72	900x2100	4"-8UN	/	/	1008.0	268.2	triangle	triangle	2115	Φ900	265	Φ920
42x72	1100x2100	6" FLG	6" FLG	1427.8	377.2		triangle	triangle	2285	Φ1070	270	Φ1084
48x72	1200x2300	6" FLG	6" FLG	1746.8	465.3		triangle	triangle	2270	Φ1220	260	Φ1190
63x67	1600x1950	6" FLG	6" FLG	2623.0	687.3		triangle	triangle	2050	Φ1590	265	Φ1601
63x86	1600x2450	6" FLG	6" FLG	3417.0	897.3		triangle	triangle	2460	Φ1590	265	Φ1601

*The commonly used models are listed in the table. If you need other models, please consult separately!

WATER DISTRIBUTORS flux



(Distributed series)



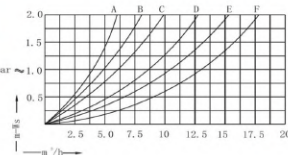
(H2805)

(Distributed series)



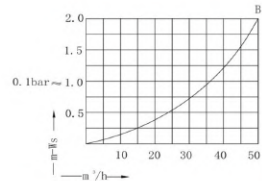
(H2807)

(Six claw side mounted water distributor)



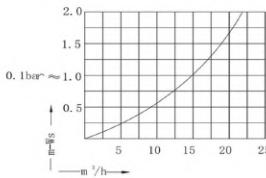
(HD6700AIS)

(Install the water distributor on the flange side)



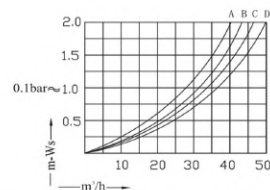
(H173N)

(Side mounted water distributor)



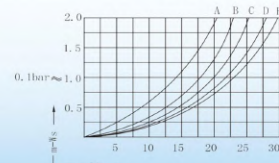
(H5671AS)

(Double 16 claw side mounted water distributor)



(HD5674B2-1)

(Eight claw top mounted lower water distributor)



(HU5675B2-2)

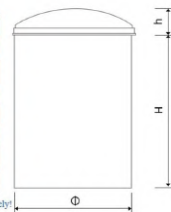
BRINE TANKS flux

(PE salt dissolving tank)



型号(Model)	容量(Item No)	尺寸Dimensions (mm)	颜色 (Colour)
60L-Y	60L	340X400X700	白色 White
100L-Y	100L	390X500X800	白色 White
200L-Y	200L	500X600X1000	白色 White
500L-Y	500L	730X730X1310	白色 White
1000L-Y	1000L	990X990X1400	白色 White
2000L-Y	2000L	1300X1300X1600	白色 White
3000L-Y	3000L	1800X1800X2300	白色 White

*The commonly used models are listed in the table. If you need other models, please consult separately!



(Brine valve)



Model	Length (L)	Diameter (mm)
434	60-2000L	90
454	300-2000L	120
1600	15-2000L	40
1700	300-2000L	95

*The commonly used models are listed in the table. If you need other models, please consult separately!

(PE dosing bucket)



型号(Model)	直径Φ (mm)	桶高高度H (mm)	桶底高度h (mm)
60L-Y	330	700	50
100L-Y	410	780	60
200L-Y	520	1010	60
500L-Y	755	1060	60
1000L-Y	1070	1160	100
2000L-Y	1375	1390	150
3000L-Y	1560	1610	150

*The commonly used models are listed in the table. If you need other models, please consult separately!



SW- 8040 - 400 HRFR/34

Membrane Type	Diameter	Length	Active Area	Membrane Series	Feed Spacer
SW: Seawater	80: 8" 40: 4"	40: 40"	440: 440 ft ² 400: 400 ft ² 82: 82 ft ²	HR: High Rejection; XLE: Extra Low Energy; HRLE: High Rejection & Low Energy; HRFR: High Rejection & Fouling Resistance; XHR: Extra High Rejection.	28: 28 mil 34: 34 mil

BW- 8040 - 400 FR/34

Membrane Type	Diameter	Length	Active Area	Membrane Series	Feed Spacer
BW: Brackish Water	80: 8" 40: 4"	40: 40"	440: 440 ft ² 400: 400 ft ² 82: 82 ft ²	HR: High Rejection; FR: Fouling Resistance; XFR: Extra Fouling Resistance; XLE: Extra Low Energy; FRLE: Fouling Resistance & Low Energy; HRLE: High Rejection & Low Energy	28: 28 mil 34: 34 mil

ULP- 8040 - 400

Membrane Type	Diameter	Length	Active Area
LP: Low Pressure ULP: Ultra Low Pressure XLP: Extra Low Pressure	80: 8" 40: 4" 25: 2.5"	40: 40" 21: 21"	440: 440 ft ² 400: 400 ft ² 82: 82 ft ²



Ion Exchange Resin



Resin Type Comparison Table



extrepure	Purolite	Rohm& Haas		Dow Dowex	Bayer	Sybron	Mitsubishi
		Amberlite	Duolite				
Cation Exchange Resin							
001x4		IRA118					SK104
001x7Na	C-100E	IR-120 PLUS		HCR-S(E)S	S-100LF	C-240	
001x7H	C-100H	IR-120H	C-20H		S-100LF(H)	C-242	
001X8	C-100	IR-120	C-20/225	HCR-S(E)	S-100	C-249	SK1B
001x10	C-100X10	IR-122	C-20X10/255	HCR		C-250	SK110
D001	C-150/155	AMB200/IR-252	C-26S	MSC-1	SP-120	CFP-110	PK-228
D113H	C-104	IRC-76/86	C-464	MAC-3	CNP-80	CCP	WK-20
SXC-9		A21/15Dry					
Anion Exchange Resin							
201x4	A-400	IRA-402	A-113	SBR-P	M-504	ASB-P	SA12A
201x7	A-600	IRA-400	A-109	SBR-C	M-500	ASB-1	SA10A
D201	A-500	IRA-900	A-161	MSA-1	MP 500	A-641	PA-312
D202	A-510	IRA-910	A-162	MSA-2	MP-600	A-651	PA-412
D301G	A100E	IRA93/95/96		MWA-1	MP 64		WA 30
D311	A-845	IRA-67			AP 49		WA 10/11
Mixed Bed Resin							
MB400	NRW-37	IRN150	ARM-381	MR-3			MI-7000G
Macroporous Adsorption Resin							
D101		XAD-2					HP-20
AB-8		XAD-4					HP-21



MEMBRANE VESSELS



Water Treatment Equipments



8" PRESSURE VESSEL(SIDE PORT)

ITEM NO.	PSI (MPa)	CONNECTION	MEMBRANE SIZE	WORKING TEMPERATURE
L80S150	150 (1.0)	SIDE	8040	-7°C ~49°C
L80S300	300 (2.1)	SIDE	8040	-7°C ~49°C
L80S450	450 (3.1)	SIDE	8040	-7°C ~49°C
L80S600	600 (4.1)	SIDE	8040	-7°C ~49°C
L80S800	800 (5.5)	SIDE	8040	-7°C ~49°C
L80S1200	1200 (8.2)	SIDE	8040	-7°C ~49°C

4" PRESSURE VESSEL (SIDE PORT)

ITEM NO.	PSI (MPa)	CONNECTION	MEMBRANE SIZE	WORKING TEMPERATURE
L40S300	300 (2.1)	SIDE	4040	-7°C ~49°C
L40S450	450 (3.1)	SIDE	4040	-7°C ~49°C
L40S600	600 (4.1)	SIDE	4040	-7°C ~49°C
L40S800	800 (5.5)	SIDE	4040	-7°C ~49°C
L80S1200	1200 (8.2)	SIDE	4040	-7°C ~49°C

8" Side Port/300-600 psi



Specification: W80S300/450/600
Design Pressure: 300/450/600 psi
Fatigue Testing: 100,000 times

Burst Pressure: 6 times
Elements Quantity: 1-7
Operating pH Range: pH 3-10

Design Temperature Range: -10 °C to 66 °C (14 °F to 150 °F)
Feed/Concentration Port: 1.5"/2"/2.5"/3"
Water Purification Port: 1"

8" Side Port/1000-1200 psi



Specification: W80S1000/1200
Design Pressure: 1000/1200 psi
Fatigue Testing: 100,000 times

Burst Pressure: 6 times
Elements Quantity: 1-7
Operating pH Range: pH 3-10

Design Temperature Range: -10 °C to 66 °C (14 °F to 150 °F)
Feed/Concentration Port: 1.5"/2"/2.5"/3"
Water Purification Port: 1"

4" End Port/300-450 psi



Specification: W40S300/450
Design Pressure: 300/450 psi
Fatigue Testing: 100,000 times

Burst Pressure: 6 times
Elements Quantity: 1-4
Operating pH Range: pH 3-11

Design Temperature Range: -10 °C to 66 °C (14 °F to 150 °F)
Feed/Concentration Port: 3/4"
Water Purification Port: 1/2"

4" End Port/600-1200 psi



Specification: W40S600/1000/1200
Design Pressure: 600/1000/1200 psi
Fatigue Testing: 100,000 times

Burst Pressure: 6 times
Elements Quantity: 1-4
Operating pH Range: pH 3-10

Design Temperature Range: -10 °C to 66 °C (14 °F to 150 °F)
Feed/Concentration Port: 3/4"
Water Purification Port: 1/2"

FILTER HOUSINGS



Water Treatment Equipments

Stainless steel filter Housing



Stainless steel tanks and precision filters of various specifications are made of high-quality stainless steel raw materials (#316L, #304) manufacturing. Can be customized according to customer requirements.

SPECIFICATIONS AND TECHNICAL INFORMATION

Model	Filter Qty	Cap Dia (mm)	Height L1 (mm)	Height L2 (mm)	Height L3 (mm)	F/C Port	Flow (T/H)	D1 Outer Dia (mm)
L20-5	5	280	785	260	125	2"	10 : 7.5	212
L30-5	5	280	1040	260	125	2"	15 : 11	212
L40-5	5	280	1320	260	125	2"	20 : 15	212
L40-12	12	400	1290	342	140	3"	48 : 36	332
L40-22	22	500	1320	535	155	4"	88 : 66	437
L40-31	31	625	1420	435	195	5"	124 : 93	860
Max Working Pressure: 0.8Mpa							Working Temp.: 5-66°C	



SPECIFICATIONS AND TECHNICAL INFORMATION

Model	Bag Qty	Cap Dia (mm)	Height L1 (mm)	Height L2 (mm)	Height L3 (mm)	F/C Port	Flow (T/H)	D1 Outer Dia (mm)	D2 Install Dim (mm)
L40-2B	2	500	1310	1000	278	DN100	90 : 60	437	346
L40-3B	3	500	1310	1000	278	DN125	135 : 90	437	346
L40-4B	4	620	1380	1000	278	DN125	180 : 120	520	393
L40-5B	5	725	1405	1040	280	DN150	225 : 150	647	495
L40-6B	6	725	1405	1040	280	DN150	270 : 180	647	495
L40-7B	7	725	1405	1040	280	DN200	315 : 210	647	495
L40-12B	8-12	920	1540	1030	290	DN250	540 : 360	860	495
Max Working Pressure: 0.8Mpa							Working Temp.: 5-66°C		



Multistage Horizontal Centrifugal Pump

Application

- Water Plant
- Mines
- Sea Water

Operating Data

Diameters of inlet and outlet: 40~300mm

Capacity: $Q=3.75\sim1020\text{m}^3/\text{h}$

Head: $H=19\sim1080\text{m}$

Material

Casing: Stainless Steel or Duplex S.S

Impeller: Duplex S.S Stainless Steel

Shaft: Stainless Steel



HP Series High Pressure Pump

HP (Horizontal High Pressure Pump) contains two types of pumps assembled to pump sets in serial or only one pump. Impellers are installed back to back so as to balance the big thrust force of the pump.

Major Applications :-

- ▶ Desalination with Membrane System.
- ▶ High Pressure Boiler feed.
- ▶ High pressure Cleaning.
- ▶ High Pressure RO Systems
- ▶ In Cement Industry and Steel Industry

Key Features :-

- ▶ Reliable, requires low maintenance
- ▶ Energy efficient, light weight and aesthetic structure



CDMF+CMH High Pressure Pump Unit



OVERVIEW

Flow rate: $0.5\sim29\text{m}^3/\text{h}$

Head: $108\sim478\text{m}$

Temp: $-15^\circ\text{C}\sim+120^\circ\text{C}$

Power: $2.57\text{KW}\sim37\text{KW}$

Frequency: 50HZ

PERFORMANCE

Water treatment ultra-filtration system

RO systems

High pressure washing systems

Boosting systems

Water supply

Material

Stainless steel

ER-energy recovery



ER-RP-60 Introduction to the operating conditions, structure, working principle and performance of energy recovery devices

1、Operating Conditions

Media: Seawater

Media Temperature: $0\sim45^\circ\text{C}$

Ambient Temperature: Maximum $+45^\circ\text{C}$

Maximum Operating Pressure: 6.9 MPa

Flow Rate: $50\sim80\text{m}^3/\text{h}$

2、Model meaning

ER—RP—60

Rated flow (m^3/h)

Rotary pressure

Energy recovery device



Pumps for Desalination & reverse osmosis

CDM,CDMF High efficient Light Vertical Multistage Centrifugal Pump



TECHNICAL DATA

Flow rate: 0.5m³/h ~ 240m³/h

Head: 4m ~ 305m

Temp: -15°C ~ +120°C

Power: 0.37kW ~ 110kW

Material: Stainless steel

APPLICATIONS

Water treatment systems

HVAC systems

Industrial liquid transportation

Industrial boosting

Water supply systems

CH Horizontal sea water lift pump

TECHNICAL DATA

Flow rate : 30~720m³/h

Head : 20.5~44m

Temp : ambient temperature

Voltage : 380V

Material : Duplex stainless steel/Super austenitic stainless steel

APPLICATIONS

R/O seawater desalination



Pumps for Desalination & reverse osmosis

ZS Horizontal Single-stage Centrifugal Pump



TECHNICAL DATA

Flow rate: 3m³/h ~ 200m³/h

Head: 8.8m ~ 73.7m

Temp: -10°C ~ +100°C

Voltage: 220V/380V

APPLICATIONS

Water treatment systems

Other preesure boosting systems

Material:

Stainless steel

NISO,NIS,NISF End Suction Centrifugal Pump

TECHNICAL DATA

Flow rate: 3~1200m³/h

Head: 4~160m

Temp: -15°C ~ +110°C

Voltage: 220V/380V

Material: Stainless steel/Cast iron

Max. Working pressure: 16 bar

Max. Inlet pressure: 6 bar

Max. Power: 200kW

Inlet and outlet diameter: Inlet diameter: DN50~DN300

Outlet diameter: DN32~DN250

APPLICATIONS

Water treatment systems

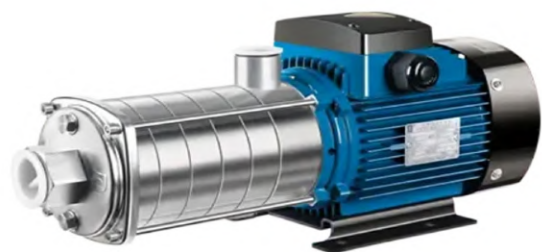
HVAC systems





Pumps for Desalination & reverse osmosis

CM Horizontal multistage centrifugal pump



TECHNICAL DATA

Flow: $0.5\text{m}^3/\text{h} \sim 7\text{m}^3/\text{h}$
Head: $7.5\text{m} \sim 56\text{m}$
Liquid temperature range: $-15^\circ\text{C} \sim +105^\circ\text{C}$
Max. ambient temperature: 40°C
Max. working pressure: 10bar

APPLICATIONS

HVAC
Cooling system
Industrial cleaning
Water treatment
Aquaculture
Fertilization and metering system

SJ/PQ Multistage Deep-well Submersible Pump



TECHNICAL DATA

Flow rate: $0.2 \sim 240\text{m}^3/\text{h}$
Head: $4.5 \sim 380\text{m}$
Temp: $+25^\circ\text{C}$
Voltage: 220V/380V
Material: Stainless steel
Note: PQ series are expert submersible fountain pump equipped with NEMA motor.

APPLICATIONS

Groundwater pumping
Water supply systems
Ground source heat pump systems
Groundwater lowering
Irrigation in horticulture & agriculture
Other industrial boosting systems



Pumps for Desalination & reverse osmosis

CK Electromagnetic Diaphragm Metering Pump



TECHNICAL DATA

Max. flow: 17L/H
Max. discharge pressure: 10bar
Adjustment range: 0-100%
Steady-state accuracy: $\pm 1\%$
Adjustment method: Manual / Automatic
Power supply: 220VAC/50HZ Single phase
Max. suction lift height: Up to 1.2m water column

APPLICATIONS

Civil and defense, Agriculture, Light industry, Electric power, Metallurgy, Shipbuilding, Oil, Chemical industry, Mining

GW, GS Mechanical Diaphragm Metering Pump



TECHNICAL DATA

Max. flow: 53L / H
Max. discharge pressure: 10bar
Adjustment ratio: 10: 1
Steady state accuracy : $\pm 2\%$
Suction lifting height : up to 1.5m water column
Max. ambient temperature: $+40^\circ\text{C}$
Max. Inlet pressure: 1bar

APPLICATIONS

Reverse osmosis (ultra-filtration)
Industrial water
wastewater
pool water
seawater desalination
other water treatment processes

MATERIAL

PVC
PVDF



Pumps for Desalination & reverse osmosis

DHP Series axial piston pump (Sea water desalination high pressure pump)

High Pressure Pump

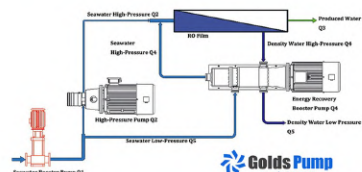
- Replaceable with Danfoss.
- 10000 hours warranty.
- Compact, lightweight, and low noise.
- Maximum flow rate per unit: 150 m³/h, maximum pressure per unit: 95 MPa.
- Water lubricated, no oil stains. Saves 8% more energy than other oil and air-lubricated plunger pumps.
- Constant flow rate unaffected by pressure fluctuations.



HEX(S)Energy Recovery Booster Pump

Energy Recovery

- Replaceable with Danfoss.
- 10000 hours warranty.
- Maximum flow rate per unit: 140 m³/h, half the size of ERI brand for the same flow rate.
- Integrates the pressure exchanger and motor into a compact unit, preventing energy exchanger stalling and seizure.
- Reserved intelligent control interface for adjusting concentrated water flow.
- Capable of recovering over 98% of hydraulic energy from the water stream, reducing high-pressure pump capacity, and significantly lowering operating costs.



Pumps for Desalination & reverse osmosis

QD(G) Multistage Centrifugal Pump (Sea water desalination high pressure pump)

Operating Data

Diameters of inlet and outlet: 40~300mm

Capacity: Q=3.75~1020m³/h

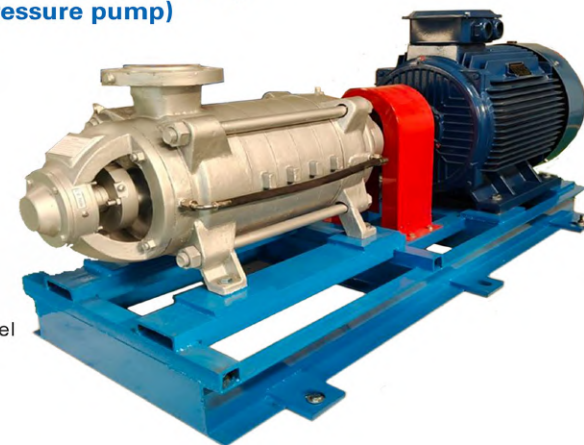
Head: H=19~1080m

Material

Casing: Stainless Steel or Duplex S.S

Impeller: Duplex S.S Stainless Steel

Shaft: Stainless Steel



QD(G) Multistage Centrifugal Pump (Sea water desalination high pressure pump)

Operation Conditions

- Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers.
- Liquid temperature
 - Normal temperature type: -15 °C to +70 °C
 - Hot water type: -15 °C to +120 °C
- Ambient temperature: up to 40 °C
- Altitude: up to 1000 m

Applications

- Water treatment ultrafiltration systems
- Reverse osmosis systems





Pumps for Desalination & reverse osmosis

SVM(T) STAINLESS STEEL VERTICAL MULTISTAGE CENTRIFUGAL PUMP



Technical data:

Capacity: 2~150m³/h
Head: 13~247m
Speed: 2900r/min
Power: 0.37~75KW(0.5~100HP)
DN: 25~125mm
Material: SS304 / SS316
Voltage : 50Hz/60Hz: 1×220-230/240V
3×200-220/346-380V
3×220-240/380-415V
3×380-415V

Application:

is suitable for non-corrosive liquids, is suitable for mildly corrosive liquids.

- **Water Supply:** Water plant filtration and transmission, water plant zoning water delivery, main booster, high-rise building booster.
- **Industrial Pressurization :** Process water systems, cleaning systems high-pressure flushing systems, fire-fighting systems.
- **Industrial fluid transfer :** Cooling and air conditioning systems, boiler feed and condensing systems, machine tool sets, acids and alkalis.
- **Water treatment:** Ultrafiltration systems,reverse osmosis systems distillation systems, separators, swimming pool.
- **Irrigation:** Agriculatural irrigation, sprinkler irrigation, drip irrigation.



CMI STAINLESS STEEL HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP



Technical data:

Capacity: 1~20m³/h
Head: 8~63m
Power: 0.25~4KW(0.35~5.5HP)
Speed: 2900r/min
Inlet and outlet DIM:G1~G2
Material: SS304

Application:

- Water treatment.
- Industrial washers and dishwashers.
- Process water pressurization, garden sprinkler irrigation.
- Industrial process water heating and cooling.
- machine tool cooling, lubrication.
- Air-conditioning systems, chillers.
- Air freshening, humidification equipment.
- Water supply and pressurization.
- Fertilizer application, metering systems.



Pumps for Desalination & reverse osmosis

NZM

HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP



Technical data:

Capacity: 12.5~320m³/h
Head:13~68m
Power: 1.1~90KW(1.5~122HP)
Speed: 2900r/min
DN:32~150mm
Material: SS304 -SS316

Application:

Industrial and urban water supply and drainage, high-rise building water pressure, garden sprinkler irrigation, fire-fighting pressure, long-distance transmission, HVAC refrigeration cycle, bathrooms and other cold and warm water circulation pressure and equipment.

MHI STAINLESS STEEL HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP



Technical data:

Rated Capacity: 2~16m³/h
Rated Head:20~33m
Max Capacity: 5~26m³/h
Max Head:22~48m
Power: 0.37~2.2KW(0.5~3HP)
Speed: 2900r/min
DN:25~50mm
Material: SS304

Application:

- Water supply and pressurization.
- Hot water circulation and heating system.
- Air conditioning system.
- Industrial circulation system.
- Wash and spray irrigation system.
- Various machine matching.





Pumps for domestic and Sewage

WQK CUTTING SUBMERSIBLE SEWAGE PUMPS



Technical data:

Capacity: 7~220m³/h
Head: 9~55m
Power: 1.1~15KW(1.5~20HP)
Speed: 2860r/min
DN:50~200mm

Application:

- WQK Cutting Submersible Sewage Pumps is mainly used for engineering sewage and domestic sewage.
- Used in construction sites, engineering foundation construction, municipal facilities and waterworks.
- Underground sewage discharge in basements, civil air defense pits and subways of various high-rise buildings.
- Sewage treatment and circulating water transportation in small and medium- sized enterprises.
- Slag slurry pumping in food, paper making, brewing, iron and steel, nonferrous metals, leather making, textile, pharmaceutical, cement plants and other factories and mines.
- Chicken farms, pig farms, various breeding industries, fish ponds are used for pumping water, clearing ponds and oxygenation.
- In septic tanks are used for pumping human, animal excrement and urine.

DGWQ SMALL SUBMERSIBLE PUMP

Technical data:

Capacity: 1.2~80m³/h Head:6~38m
Power: 0.25~3KW(0.35~4HP) Speed: 2900r/min
DN: 25~100mm

Application:

- Rural well pumping.
- Agricultural irrigation.
- Garden watering.
- Household water.
- Drainage of industrial water.
- Building construction water supply and drainage and aquaculture.



Pumps for domestic and Sewage

High Pressure Vortex Blower

Model number	Power (KW)	Voltage (V)	Rated current (A)	Maximum flow (m³/h)	Maximum vacuum (KPa)	Maximum pressure (KPa)	Weight (KG)
XGB220	0.7	220/380	3.75/2.15	103	-24	24	16
XGB320	0.85	220/380	4.2/2.4	110	-21	24	17
	1.3	220/380	5.7/3.3	110	-23	23	18
XGB420	1.6	220/380	7.5/4.3	150	-28	28	25
	2.2	220/380	9.7/5.6	150	-33	42	24.7
XGB520	2.2	220/380	9.7/5.6	230	-29	33	25
	3.0	380	7.2	230	-34	36	40
	3.0	380	7.2	320	-34	20	48
XGB720	4.0	380	9.0	320	-34	31	53
	5.5	380	13.3	320	-44	50	66
	7.5	380	16.7	320	-44	57	73
XGB820	5.5	380	13.3	520	-52	67	83
	7.5	380	16.7	520	-53	68	86
	11	380	28	520	-55	70	104
	15	380	32.5	520	-57	72	120

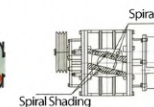


Roots Blower CCR model

WORKING PRINCIPLE DIAGRAM



The conventional roots type rotary blowers, either two-lobes or three-lobes, have the sarcompression mechanism that the compression occurs upon reverse-flowing of high pressure airinstantly when the rotor end is opened in line with the discharge opening.



SANITARY CENTRIFUGAL PUMP

Specification

1T-500T, 0.55KW-75KW

Materials

SUS304, SUS316L (In the selection of materials, all parts that contact the materials such as pump body, pump cover and impeller are made of SUS316L or SUS304 stainless steel.)

Standards

DIN, SMS

Impeller

Open impeller, without dead corner of sanitation

Work condition

The sanitary centrifugal pump adopts horizontal conveying with high and low liquid levels. It is not of self-priming type. (Please select the self-priming pump for self-priming type.)

Surface Treatment

The liquid receiving part is subject to polishing treatment and other parts matte or sandblasting treatment.

Maximum inlet pressure

0.5MPa

Temperature range

-10°C to + 140°C (EPDM)

Washable mechanical seal

Water pressure: Max. 0.1MPa;

Water volume: 0.25-0.5L/min



DOSING PUMP&MIXER

MF series

PVDF pump head standard,
All functions in one pump

- Cover 0.4 to 110 l/h with an output pressure up to 20 Bar
- 1 Casing allows skids to be pre-constructed, as the fixing points remain constant, and the pumps can be selected on confirmation of the dosing flow
- Inventory Reduction.Reduce spares stock holding.



APR series (PH &ORP controller)

A is a simple solenoid dosing pump, operating with a micro-processor to manage the dosing.
Flow rate up to 110L/H,
Let you have more choices.

Its external enclosure has an Ip65 which guarantees a protection versus splashing water and aggressive environments.



BV series (mechanical diaphragm)

FLOW RATE	from 10 to 230 L/h
MAX PRESSURE	5 bar
STROKE RATE	30-50-100-150-166 strokes/ minute
DIAPHRAGM DIAMETER	70 mm
STROKE LENGTH	4-5 mm



BFDSQ series (mechanical diaphragm)

FLOW RATE	from 25 to 500 L/h
MAX PRESSURE	10bar
DIAPHRAGM DIAMETER	from 64 to 165 mm
STROKE LENGTH	2 mm 4 mm 62 mm
MOTOR	0. 37kw 0. 55kw(IP55)



BFDYJ series (mechanical diaphragm)

FLOW RATE	from 20 to 500 L/h
MAX PRESSURE	12bar
DIAPHRAGM DIAMETER	from 64 to 165 mm
STROKE LENGTH	2 mm 4 mm 62 mm
MOTOR	0. 37kw 0. 55kw(IP55)



JP series (chemical mixer)

- Single-phase or 3-phases-IP55
- 0.37KW,0.4KW,0.55KW, 0.75KW,1.1KW,1.5KW, 2.2KW
- Carbon steel+PE 、SS304+PE 、SS304 、SS316
- Length:600;800;900; 1100mm (The length can be customized)



Flexible Coupling

MODEL 77C

Stainless Steel Heavy Duty

The Model 77C is designed for high pressure applications including RO and desalination systems. The 77C is available in strong and anti-corrosive alloys of 304,316,316L Stainless steel, Duplex CD3MN (2205), Super Duplex CE8MN, CE3MN (2507). The 77C features 304 or 316 bolts and silicone bronze heavy nuts to help prevent galling during repetitive use.

Sizes-Inches/DN:
3/4" to 12" (DN20 to DN300)

Rated working pressure:
1200psi (83bar) , cut groove only

MODEL 77C MATERIAL SPECIFICATIONS

Housings:

- Type 304 Stainless steel to ASTM A351 CF8 or A743 Gr. CF8
- Type 316 to ASTM A351 CF8M
- Type 316L to ASTM A351 CF3M
- CE8MN to ASTM A890 Grade 2A
- Austenitic 904L(CN2MCuN) to A351
- Duplex (CD3MN) to ASTM A890 Grade 4A
- Super duplex(CE3MN) to ASTM A890 Grade 5A
- Austenitic 254SMO(CK3MCuN) to A743

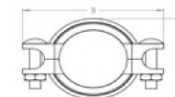
Rubber Gaskets:

The gasket seals is C-shaped, made of standard gasket EPDM (ethylene propylene diene monomer) for cold water, hot water, rare acid, oil-free air and multiple chemical product (-30~110°C).It is not suitable for medium like petroleum.

Bolts&Nuts:

- Round-head, ellipsoid-neck carriage bolt and heavy duty nut.
- SS304 bolt to ASTM A193 B8M and SS304 nut to ASTM A194.
- SS316 bolt to ASTM A193 B8M and SS316 nut to ASTM A194.
- SS316 bolt to ASTM A193 B8M and silicon bronze nut to ASTM B98 C65100.

Nominal	Pipe	Rated Working	Pipe End	Dimensions			
Size	OD	Pressures	Separation	A	B	C	Weight
mm in	mm in	psi bar	mm in	mm in	mm in	mm in	kgs lbs
20	26.90	1200	0-1.6	48	78	44	0.4
0.75	1.059	83	0-0.06	1.890	3.071	1.732	1.28
25	32.00	1200	0-1.6	55	87	44	0.60
-	1.260	83	0-0.06	2.165	3.425	1.732	1.32
25	33.70	1200	0-1.6	55	87	44	0.49
1	1.327	83	0-0.06	2.165	3.425	1.732	1.45
32	38.00	1200	0-1.6	63	98	44	0.57
-	1.496	83	0-0.06	2.480	3.858	1.732	1.36
32	42.40	1200	0-1.6	63	98	44	0.58
1.25	1.669	83	0-0.06	2.835	4.016	1.732	1.67
40	48.30	1200	0-1.6	72	102	44	0.78
1.5	1.900	83	0-0.06	2.835	4.016	1.732	2.55
50	57.00	600	0-1.6	85	121	44	0.94
-	2.244	41.34	0-0.06	3.366	4.764	1.732	1.78
50	60.30	1200	0-1.6	85	121	44	0.95
2	2.375	83	0-0.06	3.346	4.764	1.732	2.93
65	73.00	1200	0-1.6	98	136	45	1.14
2.5	2.875	83	0-0.06	3.858	5.354	1.772	3.37
65	76.10	1200	0-1.6	102	140	45	1.23
-	3.000	83	0-0.06	4.016	5.512	1.772	3.56
80	88.90	1200	0-1.6	115	164	45	1.17
3	3.500	83	0-0.06	4.528	6.457	1.772	4.40
100	108.00	1200	0-3.2	138	190	52	2.48
-	4.250	83	0-0.13	5.433	7.480	2.047	7.33
100	114.30	1200	0-3.2	150	206	52	2.72
4	4.500	83	0-0.13	5.906	8.110	2.047	7.37
125	133.00	1200	0-3.2	165	220	52	3.82
-	5.250	83	0-0.13	6.496	8.661	2.047	9.22
125	139.70	1200	0-3.2	176	228	52	3.85
-	5.500	83	0-0.13	6.921	8.976	2.047	11.00
125	141.30	1200	0-3.2	177	228	52	5.25
5	5.563	83	0-0.13	6.969	8.976	2.047	11.55
150	159.00	1200	0-3.2	197	260	52	4.61
-	6.259	83	0-0.13	7.756	10.236	2.047	14.26
150	168.30	1200	0-3.2	205	273	52	4.85
6	6.625	83	0-0.13	8.071	10.748	2.047	16.50
200	219.10	1200	0-3.2	281	344	64	9.97
8	8.625	83	0-0.13	11.063	13.540	2.520	24.77
250	273.00	1200	0-3.2	342	400	65	10.82
10	10.748	83	0-0.13	13.465	15.748	2.559	35.64
300	323.90	1200	0-3.2	399	478	65	16.2
12	12.752	83	0-0.13	15.709	18.819	2.559	39.60



Air Feeding Ozone Generator

0.01 / 0.015 / 0.02 / 0.03 / 0.05 / 0.06 / 0.08 / 0.1 / 0.15 / 0.2 / 0.5 / 0.8 / 1 / 2 / 3 / 4 / 5 / 8 / 10 Kg/h (Small type);
15 / 20 / 25 / 30 Kg/h (Medium type)

Oxygen Feeding Ozone Generator

0.01 / 0.015 / 0.02 / 0.03 / 0.05 / 0.06 / 0.08 / 0.1 / 0.15 / 0.2 / 0.5 / 0.8 / 1 / 2 / 3 / 4 / 5 / 8 / 10 Kg/h (Small type)
15 / 20 / 25 / 30 / 40 / 50 Kg/h (Medium type)
60 / 80 / 100 / 120 / 150 Kg/h (Large type)



Technical Specifications

Model	QLA-15G	QLA-20G	QLA-30G	QLA-40G
Ozone Output	15G	20G	30G	40G
Power	250W	280W	350W	400W
Purify Area	50-100m ²	150-250m ²	200-300m ²	250-350m ²
Ozone Concentration	Air Source:15-25mg/L / External Oxygen Source:60-120mg/L			
Dimension(cm)	40*30*62	40*30*62	40*30*72	50*40*88
Packing Size(cm)	49*37*67.5(Carton)	49*37*67.5(Carton)	40.5*51*77(Wooden Box)	50*60*95(Wooden Box)
NW/GW	14.2/16.4kg	15/17.1kg	16.4/25kg	39/44kg
Cooling Way	Air Cooling	Air Cooling	Water-cooling	Water-cooling
Voltage	220V/50Hz			
Gas Feeding	Air Source(Accept External Oxygen Source)			

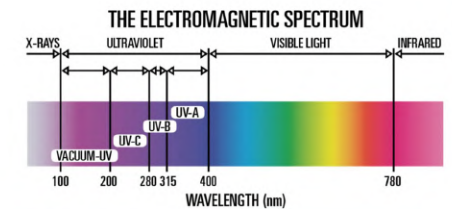
Technical Specifications

Model	QLA-50G	QLA-60G	QLA-80G	QLA-100G	QLA-150G	QLA-200G
Ozone Output	50G	60G	80G	100G	150G	200G
Power	600W	650W	950W	1040W	1700W	2300W
Purify Area	300-400m ²	350-450m ²	400-500m ²	500-700m ²	500-700m ²	500-700m ²
Ozone Concentration	Air source:15-25mg/L / External oxygen source:60-120mg/L					
Dimension(cm)	50*40*91	50*40*91	50*40*123	50*40*123	60*50*138	60*50*138
Packing Size(cm)	50.5*61*99	50.5*61*99	60.5*51*132	60.5*51*132	75*60*150	75*60*150
NW/GW	39/44.3kg	39/44.3kg	42.9/60kg	44/61kg	/	95/108kg
Cooling Way	Water-cooling	Water-cooling	Water-cooling	Water-cooling	Water-cooling	Water-cooling
Voltage	220V/50Hz					
Gas Feeding	Air Source(Accept External Oxygen Source)					

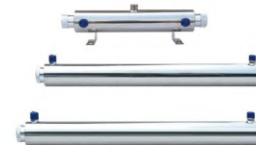


What is Ultra Violet (UV) light?

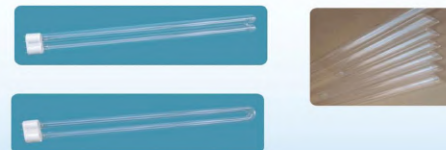
When UV light meets a microorganisms it penetrates its DNA, destroying the adenine and thymine bonds effectively inactivating bacteria, viruses, spores and moulds, by stopping them from multiplying and causing infection.



UV Sterilizer / UV Sterilizer with Grounding Wire



H/U/PLL UV Lamps Quartz Tube



UV Sterilizer In Large Power



Electronic Ballast,UV Lamp Ballast



ONLINE WATER ANALYSIS

(TDS - CONDUCTIVITY - PH - ORP - FREE CHLORINE - DISSOLVED OXYGEN - TSS - TURBIDITY - MLSS - TOC - COD - ETC)



WATER INSTRUMENT AND METER

(ELECTROMAGNETIC FLOWMETER - VORTEX FLOWMETER - ULTRASONIC FLOWMETER - SANITARY PHARMA FLOWMETER
TURBINE FLOWMETER - HYDROSTATIC LEVEL - ULTRASONIC LEVEL - PRESSURE TRANSMITTER - TEMP TRANSMITTER)



Water Quality Online Analysis Instruments

(TDS - CONDUCTIVITY - PH - ORP - FREE CHLORINE - DISSOLVED OXYGEN - TSS - TURBIDITY - MLSS - TOC - COD - ETC)





FILTER CARTRIDGES



Water Treatment Equipments

(Meltblown filter)



(String wound)



(Microporous folded filter element)



(High flow cartridge)

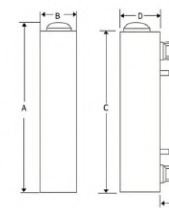
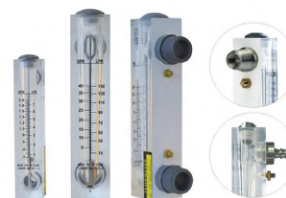


FIOWMETERS PRESSURE GAUGES SOLENOID VALVES



Water Treatment Equipments

(Panel flowmeter)



Technical parameters of lzu-z series panel flowmeter

Model	Measuring range			Interface	Accuracy	Size (mm)									
	GPM (liquid)	LPM (liquid)	Nm ³ /h (gas)			℃	MPa	A	B	C	D	E	F	G	H
L2W-15Z	10-100LPH	16-100LPH	0.04-0.4	0.04-0.4	0.1-1	Outside 20/27 within 20/24	0.4%	<1	175	32	188	35	76	25	127
	0.03-0.35	0.1-1.4	0.04-0.4	0.04-0.4	0.1-1										
	0.05-0.5	0.2-1.8	0.05-0.5	0.05-0.5	0.1-1										
	0.1-1	0.4-1.6	0.1-1	0.1-1	0.1-1										
	0.15-1.5	0.6-6	0.15-1.5	0.15-1.5	0.1-1										
	0.2-2	1-7	0.2-2	0.2-2	0.1-1										
	0.3-3	1-11	0.3-3	0.3-3	0.1-1										
	0.5-5	2-18	0.5-5	0.5-5	0.1-1										
	1-10	5-35	1-10	1-10	0.1-1										
	1-15	5-40	1-15	1-15	0.1-1										
L2W-25Z	10-100LPH	16-100LPH	0.04-0.4	0.04-0.4	0.1-1	Outside 20/27 within 20/24	0.4%	<1	234	45	226	46	33	100	37
	0.03-0.35	0.1-1.4	0.04-0.4	0.04-0.4	0.1-1										
	0.05-0.5	0.2-1.8	0.05-0.5	0.05-0.5	0.1-1										
	0.1-1	0.4-1.6	0.1-1	0.1-1	0.1-1										
	0.15-1.5	0.6-6	0.15-1.5	0.15-1.5	0.1-1										
	0.2-2	1-7	0.2-2	0.2-2	0.1-1										
	0.3-3	1-11	0.3-3	0.3-3	0.1-1										
	0.5-5	2-18	0.5-5	0.5-5	0.1-1										
	1-10	5-35	1-10	1-10	0.1-1										
	1-15	5-40	1-15	1-15	0.1-1										

*The commonly used models are listed in the table. If you need other models, please consult separately!

(Shock proof pressure gauge)



(Solenoid valve)

Iron shell copper wire



(All copper normally closed)



(Stainless steel normally closed)

(Plastic tube precision durable Rotameter)



LZS plastic tube precision durable rotor flow technical parameters (Intubation connection)

Model	Nominal diameter (DN)/mm	Measuring range		Accuracy	Inlet connection size (mm)		Intubation connection size (mm)						Applicable pipeline (mm)	Remarks
		Long tube type	Short tube type		℃	MPa	Long tube type	Short tube type	L	D1	D2	D3		
L2S-15	15	10-100L/h	0.04-0.4	0.4%	0.40	<0.6	280	20	26	45	202	20	36	156E20
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
L2S-25	25	10-100L/h	0.04-0.4	0.4%	0.40	<0.6	380	32	39	68	226	32	39	321E32
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
L2S-32	32	10-100L/h	0.04-0.4	0.4%	0.40	<0.6	480	50	63	98	288	40	40.5	74
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
L2S-40	40	10-100L/h	0.04-0.4	0.4%	0.40	<0.6	480	50	63	98	288	40	40.5	74
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
L2S-50	50	10-100L/h	0.04-0.4	0.4%	0.40	<0.6	480	50	63	98	288	40	40.5	74
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
L2S-65	65	10-100L/h	0.04-0.4	0.4%	0.40	<0.6	480	50	63	98	288	40	40.5	74
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											
		10-100L/h	0.04-0.4											

*The models in the table are commonly used, and threaded connection and flange connection are optional. If you need other models, please consult separately!



DISSOLVED AIR FLOTATION



REDA WATER GROUP DISSOLVED AIR FLOTATION ARE SUCCESSFULLY OPERATED
FOR A WIDE RANGE OF INDUSTRIAL AND MUNICIPAL APPLICATION



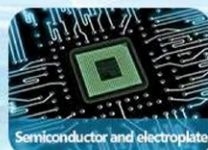
Textile and dyeing



Slaughter and breeding



Pharmacy



Semiconductor and electroplate



Oil and coal chemical



Water and river



Package and washing



Mine and construction site

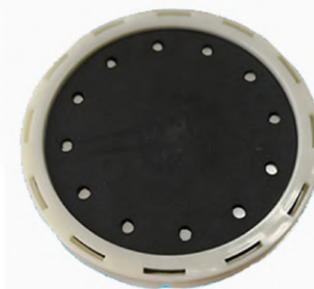
Sewage Treatment Equipment



LAMELLA TUBE



MBBR MEDIA



COURSE DIFFUSER



FINE DISC DIFFUSER



TPU MEMBRANE DIFFUSER



TUBE DIFFUSER

“Filter media that meets or exceeds IS, AWWA Bw100, NSF/ANSI 61 standards.



Our Products

