

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



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	Opening form		Capacity		Base	Size					
	inch	mm	Upper opening	Lower opening		Rise	Gallon	A(mm)	B(mm)	C(mm)	D(mm)
8x35	200x890	2.5 inches	/	25.0	6.6	standard	895	Ø216			Ø207
8x44	200x1100	2.5 inches	/	32.1	8.5	standard	1125	Ø216			Ø207
9x48	230x1200	2.5 inches	/	43.7	11.5	standard	1225	Ø240			Ø231
10x35	250x890	2.5 inches	/	39.0	10.3	standard	900	Ø266			Ø258
10x44	258x1115	2.5 inches	/	50.2	13.3	standard	1125	Ø266			Ø258
10x54	250x1400	2.5 inches	/	62.8	16.6	standard	1385	Ø266			Ø258
12x48	300x1200	2.5 inches	/	77.5	20.5	standard	1233	Ø318			Ø307
12x52	300x1400	2.5 inches	/	84.5	22.3	standard	1333	Ø318			Ø307
13x54	330x1400	2.5 inches	/	103.9	27.5	standard	1376	Ø343			Ø334
14x65	350x1600	2.5 inches	/	145.7	38.5	standard	1655	Ø369			Ø359
14x65	350x1600	4"-8UN	/	145.7	38.5	standard	1655	Ø369			Ø359
16x65	400x1600	2.5 inches	/	189.7	50.1	standard	1648	Ø420			Ø409
16x65	400x1600	4"-8UN	/	189.7	50.1	standard	1648	Ø420			Ø409
16x65	400x1600	4"-8UN	4"-8UN	189.7	50.1	triangle	1885	Ø430	250		Ø409
18x65	450x1650	4"-8UN	/	237.0	62.6	standard	1670	Ø451			Ø462
18x65	450x1650	4"-8UN	4"-8UN	237.0	62.6	triangle	1950	Ø480	320		Ø462
21x62	550x1600	4"-8UN	/	307.8	81.3	standard	1620	Ø532			Ø539
21x62	550x1600	4"-8UN	4"-8UN	307.8	81.3	triangle	1890	Ø555	320		Ø539
24x72	600x2100	4"-8UN	/	471.9	124.7	standard	1910	Ø612			Ø613
24x72	600x2100	4"-8UN	4"-8UN	471.9	124.7	triangle	2095	Ø610	240		Ø613
30x72	750x2100	4"-8UN	4"-8UN	715.8	187.9	triangle	2077	Ø750	235		Ø766
36x72	900x2100	4"-8UN	4"-8UN	1008.0	268.2	triangle	2115	Ø900	265		Ø920
42x72	1100x2100	6" FLG	6" FLG	1427.8	377.2	triangle	2285	Ø1070	270		Ø1084
48x72	1200x2300	6" FLG	6" FLG	1746.8	465.3	triangle	2270	Ø1220	260		Ø1190
63x67	1600x1950	6" FLG	6" FLG	2623.0	687.3	triangle	2050	Ø1590	265		Ø1601
63x86	1600x2450	6" FLG	6" FLG	3417.0	897.3	triangle	2460	Ø1590	265		Ø1601

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



■ (Distributed series)



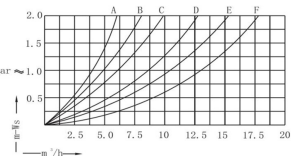
(H2805)

■ (Distributed series)



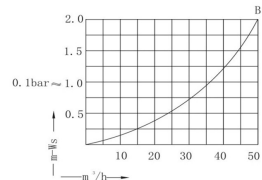
(H2807)

■ (Six claw side mounted water distributor)



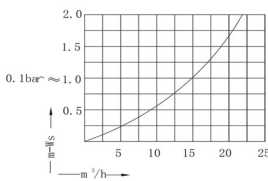
(HD6700AIS)

■ (Install the water distributor on the flange side)



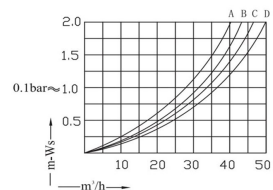
(H173N)

■ (Side mounted water distributor)



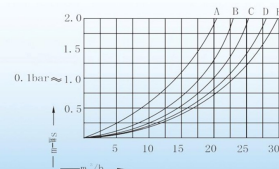
(H5671AS)

■ (Double 16 claw side mounted water distributor)



(HD5674B2-1)

■ (Eight claw top mounted lower water distributor)



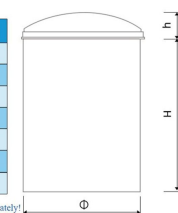
(HU5675B2-2)

(PE salt dissolving tank)



型号(Model)	容积(Item No)	尺寸Dimensions (mm)	颜色 (Colour)
60L-Y	60L	340X40X700	白色 White
100L-Y	100L	300X300X850	白色 White
200L-Y	200L	500X500X1020	白色 White
500L-Y	500L	730X730X1310	白色 White
1000L-Y	1000L	950X950X1400	白色 White
2000L-Y	2000L	1300X1300X1600	白色 White
3000L-Y	3000L	1300X1300X2300	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	15-200L	40
1700	300-2000L	95

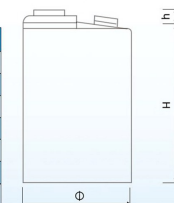
*The commonly used models are listed in the table. If you need other models, please consult separately!

(PE dosing bucket)



型号(Model)	直径Φ (mm)	桶底高度H (mm)	桶面高度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	1380	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

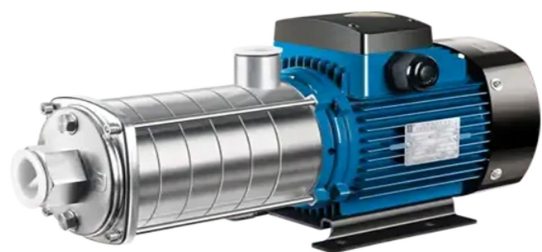
HVAC systems





Pumps for Desalination & reverse osmosis

CM Horizontal multistage centrifugal pump



TECHNICAL DATA

Flow: 0.5m³/h ~ 7m³/h
Head: 7.5m ~ 56m
Liquid temperature range: -15°C ~ +105°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: 0.2~240m³/h
Head: 4.5~380m
Temp: +25°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: ±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 : ± 2%
Suction lifting height : up to 1.5m water column
Max. ambient temperature: +40 °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

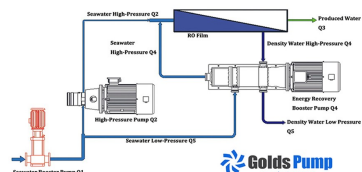
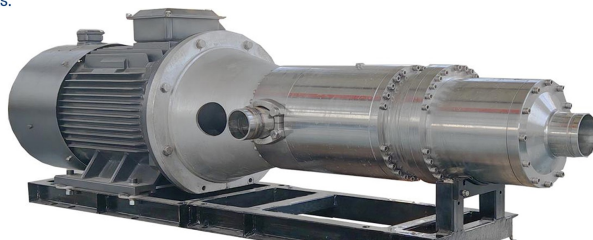
- Replaceable with Danfoss.
- 10000 hours warranty.
- Compact, lightweight, and low noise.
- Maximum flow rate per unit: 150 m³/h, maximum pressure per unit: 95 MPa.
- Water lubricated, no oil stains. Saves 8% more energy than other oil and air-lubricated plunger pumps.
- Constant flow rate unaffected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

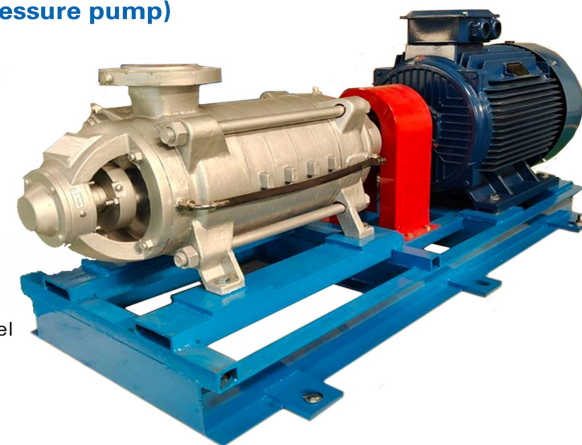
Head: H=19~1080m

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:** Agricultural 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

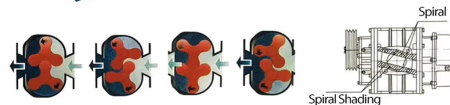


Roots Blower CCR model

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





DOSING PUMP&MIXER

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

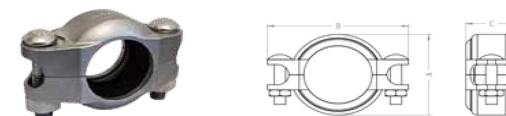
Rubber Gaskets:

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

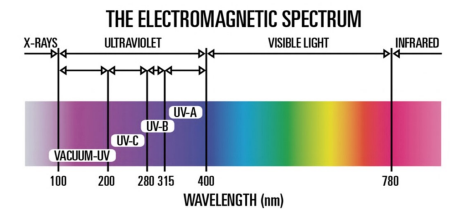
Technical Specifications

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)					

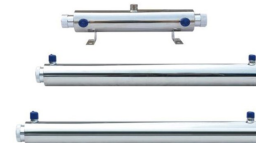


What is Ultra Violet (UV) light?

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



UV Sterilizer In Large Power



H/U/PLL UV Lamps Quartz Tube



Electronic Ballast,UV Lamp Ballast



Supmea INSTRUMENTS

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)



SUNHO INSTRUMENTS

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)



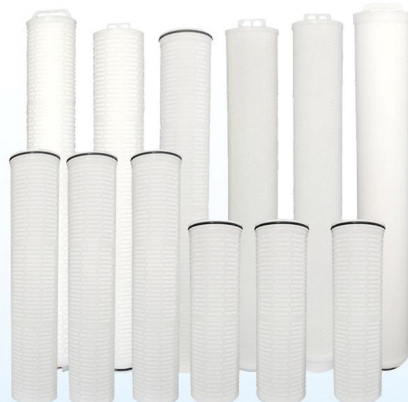
(String wound)



(Microporous folded filter element)



(High flow cartridge)

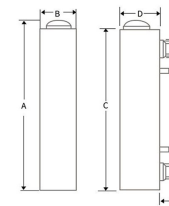


FLOWMETERS PRESSURE GAUGES SOLENOID VALVES



Water Treatment Equipments

(Panel flowmeter)



■ Technical parameters of lzm-z series panel flowmeter

Model	Measuring range		Interface thread	Accuracy	Size (mm)							
	GPM (liquid)	LPM (liquid)			°C	Mpa	A	B	C	D	E	F
L2M-15Z		10-100LPM	0.04-0.4	0.1-1			175	32	168	35	25	76
		16-160LPM	0.04-0.4	0.1-1								127
		25-250LPM	0.04-0.4	0.1-1								
	0.03-0.35	0.1-1.4	0.04-0.4	0.1-1								
	0.05-0.5	0.1-1.4	0.04-0.4	0.1-1								
	0.1-1	0.4-1.6	0.04-0.4	0.1-1								
	0.15-1.5	0.6-6	0.04-0.4	0.1-1								
	0.2-2	1-7	0.04-0.4	0.1-1								
	0.3-3	1-11	0.04-0.4	0.1-1								
	0.5-5	2-18	0.04-0.4	0.1-1								
L2M-25Z		10-100LPM	0.04-0.4	0.1-1			234	45	226	46	33	100
		16-160LPM	0.04-0.4	0.1-1								
		25-250LPM	0.04-0.4	0.1-1								
	0.03-0.35	0.1-1.4	0.04-0.4	0.1-1								
	0.05-0.5	0.1-1.4	0.04-0.4	0.1-1								
	0.1-1	0.4-1.6	0.04-0.4	0.1-1								
	0.15-1.5	0.6-6	0.04-0.4	0.1-1								
	0.2-2	1-7	0.04-0.4	0.1-1								
	0.3-3	1-11	0.04-0.4	0.1-1								
	0.5-5	2-18	0.04-0.4	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

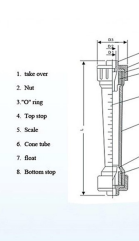


(All copper normally closed)



(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	°C	Mpa	Intubation connection size (mm)						Applicable pipeline Dg(mm)	Remarks
		Long tube type	Short tube type				L	D1	D2	D3	L	D1	D2	
L2S-15	15	10-100L/h	8-60L/h				280	20	26	45	202	20	26	45
		10-100L/h	16-100L/h											15#E20
		25-250L/h	25-250L/h											25#E32
L2S-25	25	100-1000L/h	4-400L/h				380	32	39	68	226	32	39	60
		100-1000L/h	100-1000L/h											25#E32
		250-2500L/h	250-2500L/h											32#E40
L2S-32	32	100-1000L/h	4-400L/h				430	50	63	88				40#E50
		100-1000L/h	100-1000L/h											
		250-2500L/h	250-2500L/h											
L2S-40	40	0.4-4m³/h (RHH)	0.4-4m³/h (RHH)				430	63	73	98	341	63	73	98
		0.6-6m³/h (RHH)	0.6-6m³/h (RHH)											
		1-10m³/h (RHH)	1-10m³/h (RHH)											
L2S-50	50	0.4-4m³/h (RHH)	0.4-4m³/h (RHH)				430	63	73	98	341	63	73	98
		0.6-6m³/h (RHH)	0.6-6m³/h (RHH)											
		1-10m³/h (RHH)	1-10m³/h (RHH)											
L2S-65	65	0.4-4m³/h (RHH)	0.4-4m³/h (RHH)				430	75	88	122	65#E70			
		0.6-6m³/h (RHH)	0.6-6m³/h (RHH)											
		1-10m³/h (RHH)	1-10m³/h (RHH)											

*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



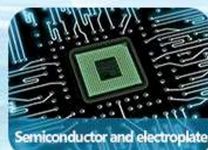
Textile and dyeing



Slaughter and breeding



Pharmacy



Semiconductor and electroplate



Oil and coal chemical



Water and river

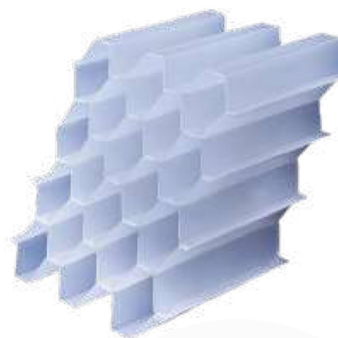


Package and washing



Mine and construction site

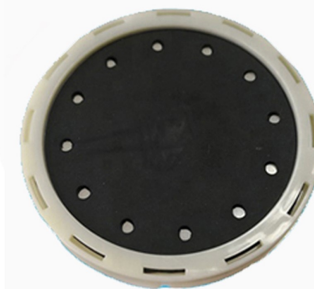
Sewage Treatment Equipment



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

