

# SHANGHAI HELLO PURE WATER TREATMENT TECHNOLOGY CO.,LTD



ADD: NO.4938, WAI QING SONG GONG ROAD, QINPU DISTRICT, SHANGHAI, CHINA
POST CODE: 201707 PHONE NO: 0086-21-69760559
EMAIL: HELLOPURETECH@YAHOO.COM
WEBSITE: WWW.HELLOPUREWATER.COM

SHANGHAI HELLO PURE WATER
TREATMENT TECHNOLOGY CO.,LTD



COLUMN CO





# **COMMERCIAL RO SYSTEM**

# www.hellopurewater.com





### **Steel Box 5-Stage RO System**

### RO-200G/400G-B06

- · On Board Computer
- · Auto Flush
- · Pressure Gauge

- Housing: 122-20 Single "O" Ring Housing
   RO Water Output: 200GPD/400G GPD
   Fittings type: JACO
   Diaphragm Booster Pump with
   Adaptor 110V/ 220V, 50/60Hz
- · Pressure Tank: 11G steel Tank
- Packing Dimension: 59x42x99cm



# 5-Stage RO System with Steel Shelf

### RO-200G/400G/600G-D02B

- Flush type: Manual Flush
   With steel shelf
   Housing: 122-20 Single "O" Ring Housing
   RO Water Output: 200GPD/400G GPD
   Fittings type: JACO
   Diaphragm Booster Pump with
   Adaptor 110V/ 220V, 50/60Hz

- · Pressure Tank: 11G steel Tank
- Packing Dimension: 45.5x29x80.5cm



### 5-Stage RO System with Steel Shelf

### RO-200G/400G-D01

- . Flush type: Manual Flush
- With steel shelf
   Housing: 122-20 Single "O" Ring Housing
   RO Water Output: 200GPD/400G GPD

- Fittings type: JACO
   Diaphragm Booster Pump with
- Adaptor 110V/ 220V, 50/60Hz
- · Pressure Tank: 11G steel Tank
- Packing Dimension:47x31x88cm



### RO-50G/75G/80G/100G-HC01

### **FEATURES:**

- 5-Stage RO system:PP,GAC, CTO,RO, T33
- Normal&Cold&Hot WaterOn board computerRO Water
- Output:50G/75G/80G/100GPD
- Diaphragm booster pump with adaptor 110V/220V 50/60HZ
- Inbuilt 8L tank
- Packing dimension:665\*300\*475mm



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# COMMERCIAL RO SYSTEM V

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### **Luxury Steel Box RO System with Tank Inside**

### RO-100G/200G/400G/600G/800G-B08

- · On Board Computer
- Auto Flush
- · Pressure Gauge
- . Housing: 122-20 Single "O" Ring Housing
- . RO Water Output: 100GPD/200GPD/
- 400GPD/600GPD/800GPD
- · Fittings Type: JACO
- · Diaphragm Booster Pump with Adaptor 110V/ 220V, 50/60Hz
- · Pressure Tank: 11G steel Tank
- Packing Dimension: 60x60x155cm





### **Luxury Steel Box RO System with IC Controller**

### RO-100G/200G/400G/600G/800G-B07

- On Board Computer
- Auto Flush
- Pressure Gauge
- . Housing: 122-20 Single "O" Ring Housing
- · RO Water Output: 100GPD/200GPD/
- 400GPD/600GPD/800GPD
- Fittings type: JACO
- · Diaphragm Booster Pump with Adaptor 110V/ 220V, 50/60Hz
- Pressure Tank: 11G steel Tank
- Packing Dimension: 61x61x100cm



# **HP-1 SERIES RO SYSTEM** ▼





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### HELLOPURE RO SYSTEM

Designed to produce low dissolved solids water from tap or well water, HP-1 Series Residential to Light Commercial RO systems use high efficiency reverse osmosis membranes. The economically priced Series HP-1 Reverse Osmosis Systems offer a compact design and are simple to install and operate. The RO product water is used in applications such as restaurants, aquariums, small manufacturing, and a wide variety of other applications. When combined with a softener as pretreatment, they offer a reliable water purification solution.

220 to 1,000 GPD

For Feed Water TDS up to 1000 PPM.

	DO Cuetos	RO System Capacity Membrane Elements Line Sizes			DO Cuetos	a (in /am)					
RO System Model No.	RO System Capacity		Membrane Elements		(NPT, Inches)			RO System Dimensions (in/cm)			Approx. Shipping
	GPD	m³/day	Qty	Size I	Inlet	Perm.	Conc.	Width	Depth	Height	Weight
					iniet						(Kg)
HP-1-001	250	0.8	1	2.5"×14"	3/8"	1/4"	3/8"	21/53	17/43	26/66	24
HP-1-002	350	1.3	1	2.5"×21"	3/8"	14"	3/8"	28/71	17/43	26/66	26
HP-1-003	700	2.7	2	2.5"×21"	3/8"	1/4"	3/8"	28/71	17/43	26/66	30
HP-1-004	1,000	3.8	3	2.5"×21"	3/8"	14"	3/8"	28/71	17/43	26/66	34

All dimensions and weights are approximate.

System must operate with a pressurized storage tank to turn system on/off (quoted separately).

Systems rated at 77° F (25° C) using 1000 ppm sodium chloride solution and 200 psi pressure. System capacity changes significantly with water temperature. For higher TDS, a water analysis must be supplied and could result in modifications to the system.

Water must be pretreated by a softener or Zantiscalant to avoid scaling the membranes.

Standard packaging is boxed, crating optional.

### **FEATURES**

"High Quality Thin Film Composite Reverse Osmosis Membranes

Stainless Steel Pressure Vessels

Rotary Vane Brass Pump Motor

5/1 Micron PP Sediment Filter

Granual Activated Carbon Filter

Polypropylene Filter Housings

Auto Feed Shut Off

Heavy Duty Powder Coated Frame

Liquid Filled System Pressure Gauges

Low Pressure Switch

Brass Pressure RegulatorPolyethylene High pressure tubing

Product Tank Pressure Control (turns system off with pressurized tank-tank sold separately)"





# **▼** HP-2 SERIES RO SYSTEM

HP

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# **HP-3 SERIES RO SYSTEM**







### "HELLOPURE RO SYSTEM

Hellopure HP–2 Series RO Systems are designed to produce low dissolved solids product water from tap or well water. These systems use high efficiency, low energy membranes, and run at high recovery offering low maintenance and operational costs. They incorporate carbon filters for chlorine removal, and sediment pre–filtration prior to the RO for a packaged unit that is ready to run out of the box.Compact, Customizable and ExpandableLow Maintenance and Low Operating Costs.Fully Assembled and Ready to Run\*

Model No.*	RO System Capacity		RO Membrane	))	Approx. Shipping		
	GPD	m³/day	Qty.(2540)	Inlet	Conc.	Perm.	Weight (Kg)
HP-2-1	600	2	1	3/4"	1/2"	1/2"	95
HP-2-2	1200	4.5	2	34"	1/2"	1/2"	105
HP-2-3	1,700	6.4	3	3/4"	1/2"	1/2"	115

Model No.*	RO System Capacity		RO Membrane		Approx. Shipping		
	GPD	m³/day	Qty.(4040)	Inlet	Conc.	Perm.	Weight (Lb/Kg)
HP-2-4	1500	7.5	1	3/4"	1/2"	1/2"	220
HP-2-5	3000,	15	2	₩"	34"	1/2"	235
HP-2-6	4500	22	3	34"	34"	1/2"	250
HP-2-7	6000	28	4	34"	14"	1/2"	265
HP-2-8	9,000	34	5	3/4"	14"	1/2"	280
M-64A**	10,000	38	6	34"	14."	1/2"	295

All pretreatment equipment and SDI test kits are available from Applied Membranes.

Water Softener: Hardness must be removed if present in feed water prior to RO system to avoid scaling the membranes.

Multimedia filter: If feed water exceeds <1 NTU turbidity, or silt density index (SDI) of 3, media filter pretreatment recommended

Systems rated at:  $77^{\circ}$  F ( $25^{\circ}$  C) using 1000 ppm sodium chloride solution operating at approx. 200 psi.

Capacity Basis: 24 hrs/day

Minimum feed pressure to RO System: 40-60 PSI.

RO System capacity changes significantly with water temperature

All dimensions and weights are approximate.

## **FEATURES**

Standard Features Thin Film Composite Membranes in SS Vessels

Big Blue Carbon block and 5M Sediment Prefilters in Housings. Automatic Inlet Feed Solenoid Valve

System & Recycle Control Valves Low Pressure Pump Protection High Pressure RO Pump

(4) Pressure Gauges: System Pressure, Concentrate Pressure, Filter In and Filter Out.

(3) Panel Mounted Flow Meters: Permeate, Concentrate and Recycle Flow.

Powder Coated Carbon Steel Frame Boxed and Palletized for Shipment Automatic Microprocessor Controller Monitors and/or Controls: Inlet Valve Low Pressure Switch Feed Water Flush at System Shut–Down

Monitors and/or Controls. Thet valve Low Fressure Switch Feed Water Flush at System Shut-Down

Pre-Treatment Backwash/Lockout System On/Off According to Tank Level (Floats Purchased Separately)

Indicator Lights: Low Pressure Shutdown/Auto Restart Power On/ Pretreatment Lockout Storage Tank Full/System Flush





### HELLOPURE RO SYSTEM

Hellopure Black Cabinet Series RO Systems are designed to produce low dissolved solids product water from tap or well water. These systems use high efficiency, low energy membranes, and run at high recovery offering low maintenance and operational costs. They incorporate carbon filters for chlorine removal, and sediment pre–filtration prior to the RO for a packaged unit that is ready to run out of the box. Compact, Customizable and Expandable Low Maintenance and Low Operating Costs Fully Assembled and Ready to Run

20" Blue Carbon Block Filters (2) and 5 Micron Sediment Filter

4" Diameter × 40" Length Thin Film Reverse Osmosis Membranes in SS Housings

Model No.*	RO Syste	m Capacity	RO Membrane		Approx. Shipping Weight		
	GPD	m³/day	Qty.	Inlet	Conc.	Perm.	(Lb/Kg)
HP-3-1	1,500	7.5	1	3/4"	1/2"	1/2"	220
HP-3-2	3,000	15	2	3/4"	1/2"	1/2"	235

Recommended Pre-Treatment Equipment: All pretreatment equipment and SDI test kits are available from Applied Membranes.

Water Softener: Hardness must be removed if present in feed water prior to RO system to avoid scaling the membranes.

Multimedia filter: If feed water exceeds <1 NTU turbidity, or silt density index (SDI) of 3, media filter pretreatment recommended.

Systems rated at: 77° F (25° C) using 1000 ppm sodium chloride solution operating at approx. 200 psi.

Capacity Basis: 24 hrs/day

Minimum feed pressure to RO System: 40-60 PSI.

RO System capacity changes significantly with water temperature

All dimensions and weights are approximate

### **FEATURES**

Standard Features

Thin Film Composite Membranes in SS Vessels

Blue Carbon block and 5M/1M Sediment Prefilters in Housings.

Automatic Inlet Feed Solenoid Valve

System & Recycle Control Valves

Low Pressure Pump Protection

High Pressure RO Pump

Pressure Gauges: System Pressure, Concentrate Pressure, Filter In and Filter Out.

Panel Mounted Flow Meters: Permeate, Concentrate and Recycle Flow.

Boxed and Palletized for Shipment





# **▼ HP-4 SERIES RO SYSTEM**

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# **HP-5 SERIES RO SYSTEM V**

www.hellopurewater.com

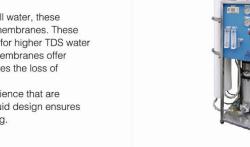




HELLOPURE RO SYSTEM 1500 to 24000Gallons/Day For feed water TDS 500 to 2000 PPM

Designed to produce low dissolved solids water from tap or well water, these Commercial RO systems use high efficiency reverse osmosis membranes. These RO systems are designed to work at pressures of 200-250 psi for higher TDS water and use TW/LP reverse osmosis membranes. The TW/LP RO membranes offer higher salt removal and the higher operating pressure overcomes the loss of membrane flow due to higher TDS level.

There are numerous design details learned from years of experience that are incorporated in our water filtration systems. Our process and fluid design ensures an optimum membrane life and minimizes the membrane fouling.



HELLOPURE RO SYSTEM 1500 to 24000Gallons/Day For feed water TDS 500 to 2000 PPM

Designed to produce low dissolved solids water from tap or well water, these Commercial RO systems use high efficiency reverse osmosis membranes. These RO systems are designed to work at pressures of 200-250 psi for higher TDS water and use TW/LP reverse osmosis membranes. The TW/LP RO membranes offer higher salt removal and the higher operating pressure overcomes the loss of membrane flow due to higher TDS level.

There are numerous design details learned from years of experience that are incorporated in our water filtration systems. Our process and fluid design ensures an optimum membrane life and minimizes the membrane fouling.



	RO System Capacity		RO Membrane		Line Sizes		RO System Dimensions			
RO System			Elements(4040)	(NPT, Inches)			(in/cm)			
Model No.	GPD	m³/day	Qty.	Inlet	Perm.	Conc.	Length	Depth	Height	
HP-4-1	1,500	7	1	34"	1/2"	1/2"	20/51	24/61	55/140	
HP-4-2	3,000	12	2	3/4"	1/2"	1/2"	20/51	24/61	55/140	
HP-4-3	4,500	21	3	34"	1/2"	1/2"	20/51	32/82	55/140	
HP-4-4	6,000	27	4	34"	16"	1/2"	20/51	32/82	55/140	
HP-4-5	9,000	38	6	34"	1/2"	1/2"	20/51	32/82	55/140	
HP-4-6	12,000	49	8	34"	₩"	1/2"	20/51	40/102	55/140	
HP-4-7	15,000	60	10	34"	1/2"	1/2"	20/51	46/117	55/140	
HP-4-8	18,000	72	12	3/4"	1/2"	1/2"	20/51	46/117	55/140	

Notes and Voltage/ Ordering Information

Recommended Pre-Treatment Equipment: All pretreatment equipment and SDI test kits are available from Hellopure company.

Carbon Filter: Chlorine must be removed with a carbon filter prior to the RO system, if present in the feed water. Water Softener: Hardness must be removed if present in feed water prior to RO to avoid scaling the membranes. Multimedia filter: If feed water exceeds <1 NTU turbidity, or silt density index (SDI) of 3, media filter pretreatment recommended. Capacity Basis: 24 hrs/day

Systems rated at: 77° F (25° C) using 1000 ppm sodium chloride solution operating at approx. 200 psi (14 kg/cm²) pressure. For feed water with higher TDS refer to our Series HL brochure.

Minimum feed pressure to RO System: 40-60 PSI. System capacity changes significantly with water temperature

						Line Sizes			RO System Dimensions			
O Suntam	RO System	<b>RO System Capacity</b>		RO Membrane Elements		(NPT, Inches)			(in/cm)			
RO System - Model No.	GPD	m³/day	Qty.	Size	Inlet	Perm.	Conc.	Length	Depth	Height	Shipping Weight	
HP-4-1	1,500	7	1	4" × 40"	%"	14"	1/2"	20/51	24/61	55/140	275/125	
HP-4-2	3,000	12	2	4" × 40"	34"	1/2"	14"	20/51	24/61	55/140	300/136	
HP-4-3	4,500	21	3	4" × 40"	34"	14"	14"	20/51	32/82	55/140	325/147	
HP-4-4	6,000	27	4	4" × 40"	34"	14"	14"	20/51	32/82	55/140	350/159	
HP-4-5	9,000	38	6	4" × 40"	<b>¾</b> *	14*	1/2"	20/51	32/82	55/140	400/181	
HP-4-6	12,000	49	8	4" × 40"	%"	1/2"	14"	20/51	40/102	55/140	466/211	
HP-4-7	15,000	60	10	4" × 40"	34"	1/2"	14"	20/51	46/117	55/140	516/234	
HP-4-8	18,000	72	12	4" × 40"	34"	1/2"	1/2"	20/51	46/117	55/140	566/257	



Notes and Voltage/ Ordering Information

Recommended Pre-Treatment Equipment: All pretreatment equipment and SDI test kits are available from Hellopure

Carbon Filter: Chlorine must be removed with a carbon filter prior to the RO system, if present in the feed water. Water Softener: Hardness must be removed if present in feed water prior to RO to avoid scaling the membranes. Multimedia filter: If feed water exceeds <1 NTU turbidity, or silt density index (SDI) of 3, media filter pretreatment recommended.

Capacity Basis: 24 hrs/day

Systems rated at: 77° F (25° C) using 1000 ppm sodium chloride solution operating at approx. 200 psi (14 kg/cm) pressure. For feed water with higher TDS refer to our Series HL brochure.

Minimum feed pressure to RO System: 40-60 PSI. System capacity changes significantly with water temperature

### **FEATURES**

### **FEATURES**

Thin Film Composite RO Membranes Stainless Steel RO Membrane Pressure Vessels 5 Micron 20" Cartridge Filter & Housing Feed Water Temperature Gauge Automatic Inlet Feed Solenoid Valve Permeate, Concentrate & Recycle Flowmeters RO System Control Valve Recycle Control Valve Low Pressure Pump Protection

High Pressure RO Pump Brass Rotary Vane SS multistage with throttling valve Automatic Membrane Flush Liquid Filled Pressure Gauges for Filter IN/OUT and RO System Pressures Product TDS Displayed on Controller LED RO System ON/OFF with 2-Level Tank Floats Powder Coated Carbon Steel Frame Boxed and Palletized for Shipment

Thin Film Composite RO Membranes Stainless Steel RO Membrane Pressure Vessels 5 Micron 20" Cartridge Filter & Housing Feed Water Temperature Gauge Automatic Inlet Feed Solenoid Valve Permeate, Concentrate & Recycle Flowmeters RO System Control Valve Recycle Control Valve Low Pressure Pump Protection

High Pressure RO Pump Brass Rotary Vane SS multistage with throttling valve Automatic Membrane Flush Liquid Filled Pressure Gauges for Filter IN/OUT and RO System Pressures Product TDS Displayed on Controller LED RO System ON/OFF with 2-Level Tank Floats Powder Coated Carbon Steel Frame Boxed and Palletized for Shipment



# **▼** HP-6 SERIES RO SYSTEM

### www.hellopurewater.com



# DOMESTIC RO MEMBRANE V

www.hellopurewater.com



HELLOPURE RO SYSTEM Designed to produce low dissolved solids water from tap or well water, these industrial RO systems use high efficiency reverse osmosis membranes. The product water is used in applications such as semiconductor, boiler feed, pharmaceutical, municipal, water reuse, food processing, bottling, plants, and a wide variety of other applications. HP-6 Series reverse osmosis systems use proven, reliable components and are mounted on a sturdy powder-coated metal frame. There are numerous design

details learned from years of experience that are incorporated in our water filtration systems. Our process and fluid design ensures an optimum membrane life and minimizes the membrane fouling.

HP-6 systems use 8" Diameter, 40" long membrane elements. Pressure vessels contain multiple elements and are mounted in a horizontal position.



Model No.	RO System Capacity		Membrane	Line Sizes			System Dimensions			Approx. Shipping Weight	
Model No.				Elements	(NPT, Inches)				(in/cm)		(Lb/Kg)
	GPM	GPD	m³/hr	1 [	Inlet	Perm.	Conc.	Length	Depth	Height	
HP-6-1	20	24,000	4.5	4	2	11/2	11/2	120/305	44/112	75/191	1,310/594
HP-6-2	30	36,000	7	6	2	11/2	11/2	154/391	44/112	75/191	1,425/646
HP-6-3	40	54,000	9	9	2	11/2	11/2	154/391	44/112	75/191	1,735/787
HP-6-4	55	72,000	13	12	3	2	2	154/391	44/112	76/193	2,005/909
HP-6-5	75	96,000	17	16	3	2	2	154/391	44/112	76/193	2,275/1,03
HP-6-6	95	120,000	22	20	3	3	2	154/391	44/112	76/193	2,645/1,20
HP-6-7	115	144,000	26	24	4	3	2	194/493	60/152	76/193	2,910/1,32
HP-6-8	135	168,000	31	28	4	3	2	194/493	60/152	76/193	3,280/1,48
HP-6-9	175	216,000	40	36	4	3	2	288/731	60/152	76/193	3,795/1,72
HP-6-10	200	252,000	45	42	4	3	2	288/731	60/152	76/193	5,275/2,39

Notes and Voltage/ Ordering Information

Systems rated at 77° F (25° C) using 2000 ppm feed water and approx. 225 psi (16 kg/cm ) pressure. System capacity changes significantly with water temperature and feed TDS. For higher TDS, a water analysis must be supplied and could result in modifications to the system.

Chlorine must be removed with a carbon filter or with chemical injection prior to the RO System, if present in the feed

Water must be pretreated by softener or antiscalant to avoid scaling the membranes.

All dimensions and weights are approximate.

### **FEATURES**

Thin Film Composite Membranes Stainless steel multi-stage centrifugal pump FRP pressure vessels Polypropylene 5M filter housing for K-48B& K-68C, 316SS housing for larger models

316SS high pressure piping and Sch. 80 PVC low pressure piping Motorized automatic inlet feed valve

Feed pump throttling valve, SS, or VFD Drive

Panel mounted SS flow control valves Automatic membrane feed flush with permeate flush option 4) Panel mounted liquid filled pressure gauges: Filter in/out, pump, concentrate

Panel mounted flowmeters: product & concentrate Product TDS (or Conductivity) with digital display readout

Cleaning ports

Low inlet pressure switch

High pressure switch

System on/off with 2-level tank floats Heavy duty powder coated steel frame



### **MODEL NO.:**

TW30-1812-50

TW30-1812-75

TW30-1812-100

TW30-3012-500





### **MODEL NO.:**

ULP1812-50

ULP1812-75

ULP2012-100





### **MODEL NO.:**

TLC-50 **TLC-75 TLC-100** 

**TLC-125** 

**TLC-150** 





### **MODEL NO.:**

<b>&gt;</b>	TFC-50	TFC-200	
	TFC-75	TFC-300	
	TFC-100	TFC-400	
	TFC-125	TFC-500	
	TFC-150	TFC-600	

**HELLOPURE** 

### ▼ INDUSTRIAL RO MEMBRANE

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### DOMESTIC RO MEMBRANE

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Model	Active area ft2(m2)	Pressure psi(bar)	Permeate GPD(m3/d)	Rejection (%)
BW30-400	400 (37)	225 (15.5)	10500 (40)	99.5
LE-400	400 (37)	150 (10.3)	11500 (44)	99.3
XLE-400	440 (41)	125 (8.5)	14500 (55)	99
BW30-4040	82 (7.6)	225 (15.5)	2400 (9.0)	99.5
LCLE-4040	78 (7.2)	145 (10.0)	3000 (11.4)	99.3
XLE-4040	82 (7.6)	100 (6.9)	2600 (9.8)	99



Model	Active Membrane Area ft2 (m2)	Operate Pressure Psi (Mpa)	Flow GPD (m3/d)	Rejection (%)	Recovery (%)
BW-2540	28 ( 2.6 )	225 ( 1.55 )	750 ( 2.8 )	99.2	15
BW-4021	36 ( 3.3 )	225 ( 1.55 )	900 ( 3.4 )	99.2	8
BW-4040	78 ( 7.5 )	225 ( 1.55 )	2500 ( 8.3 )	99	15
BW-8040	400 ( 37.0 )	225 ( 1.55 )	11000 ( 41.0 )	99	15
LP-2540	28 ( 2.6 )	150 ( 1.05 )	800 ( 3.0 )	99.0	15
LP-4021	36 ( 3.3 )	150 ( 1.05 )	1000 ( 3.8 )	99.0	8
LP-4040	78 ( 7.5 )	150 ( 1.05 )	2500 ( 9.5 )	99	15
LP-8040	400 ( 37.0 )	150 ( 1.05 )	11000 ( 40.0 )	99	15
TW-2540	28 ( 2.6 )	110 ( 0.76 )	800 ( 3.0 )	99.0	15
TW-4021	36 ( 3.3 )	110 ( 0.76 )	1000 ( 3.8 )	99.0	8
TW-4040	78 ( 7.5 )	110 ( 1.76 )	2600 ( 9.8 )	99	15
TW-8040	400 ( 37.0 )	110 ( 0.76 )	11000 ( 42.0 )	99	15
XLE-2540	28 ( 2.6 )	100(0.69)	1100(4.2)	99	15
XLE-4021	36 ( 3.3 )	100(0.69)	1300(4.9)	99	8
XLE-4040	78 ( 7.5 )	100(0.69)	2800(10.6)	99	15
XLE-8040	400(37.00)	100(0.69)	12000(45)	99	15





A. Shell Layer: Fiber Glass
B. Liner Material: PE or PP
C. MAX. Test Pressure: 150psi
D. MAX. Working Pressure: 100psi
E. Temperature Range: 1-49°C
F. MAX. Vacuum: 5"Hg(127mm Hg)

Model	Dia.X Height (mm)	TOP Open	Bottom Open	Mounting Mode	Design Flux (LPM)
818	200*450	2.5" Thread	N/A	TOP	0 ~ 3.5
835	200*875	2.5" Thread	N/A	TOP	3.5 ~ 8.5
844	200*1200	2.5" Thread	N/A	TOP	3.5 ~ 8.5
1035	250*875	2.5" Thread	N/A	TOP	8.5 ~ 16.5
1054	240*1400	2.5" Thread	N/A	TOP	10 ~ 25
1252	300*1350	2.5" Thread	N/A	TOP	26 ~ 36
1265	300*1650	2.5" Thread	N/A	TOP	33 ~ 41
1354	325*1400	2.5" Thread	N/A	TOP	33 ~ 41
1465	350*1650	2.5" Thread	N/A	TOP	40 ~ 50
1665	400*1650	2.5" Thread	N/A	TOP	53 ~ 75
1865	460*1650	2.5" Thread	N/A	TOP	75 ~ 83
2069	500*1750	4" Thread	4" Thread	TOP/SIDE	75 ~ 100
2472	600*1850	4" Thread	4" Thread	TOP/SIDE	100 ~ 135
3072	750*1850	4" Thread	4" Thread	TOP/SIDE	120 ~ 203
3672	900*1850	4" Thread	4" Thread	TOP/SIDE	220 ~ 270
4072	1000*1850	6" Flange	6" Flange	TOP/SIDE	280 ~ 380
4872	1200*1850	6" Flange	6" Flange	SIDE	365 ~ 450
4896	1200*2400	6" Flange	6" Flange	SIDE	465 ~ 635











# "RUN XIN" Manual control valve



# "RUN XIN" Automatic control valve



# Fleck valve





### **FRP Membrane Vessel**



Element and 8" Membrane element
* Operating Temp Range: -10°C49°C
* 4" : Feed / Concentrate port 1/2" or 3/4

\* End Entry And Side Design \* Accommodates standard make 4" Membr

- Permeate port 1/2" thread, \* 8" : Feed / Concentrate port 1 1/2" coupli Permeate port 1" thread
- ★ Test pressure Standard: 1.5x Design Pressure ASME: 1.1x Design Pressure \* Operating pH Range: 3 – 11

Model	Design pressure	RO model	Element	Model	Design pressure	RO model	Element
FRPMV4040E -300-(1-6)W	300PSI	4040	1-6	FRPMV8040E- 300-(1-6)W	300PSI	8040	1-6
FRPMV4040E -450-(1-6)W	450PSI	4040	1-6	FRPMV8040E- 450-(1-6)W	450PSI	8040	1-6
FRPMV4040E -600-(1-6)W	600PSI	4040	1-6	FRPMV8040E- 600-(1-6)W	600PSI	8040	1-6
FRPMV4040E -800-(1-6)W	800PSI	4040	1-6	FRPMV8040E- 800-(1-6)W	800PSI	8040	1-6
FRPMV4040E -1000-(1-6)W	1000PSI	4040	1-6	FRPMV8040E- 1000-(1-6)W	1000PSI	8040	1-6

### **Stainless Steel Membrane Vessel**

SMH1-40160

4.0"

160"



- \* 2.5" &4" &8" membrane housing
- Material:stainless steel 304&316
- \* End cap:ABS material/S.5 materia
  - \* Max working pressure:250/300/1000Psi
- \* Surface: Polished or brushing external surf
- DIA Length Inlet Outlet Model DIA Length Inlet Model SMH1-2514 2.5" 14" 3/8" 1/4" SMH6-8040 8.0" 40" 1.1/2" SMH1-2521 2.5" 21" 3/8" 1/4" SMH6-8080 8.0" 80" 1.1/2" SMH1-2540 2.5" 40" 3/8" 3/8" SMH6-80120 8.0" 120" 1.1/2" SMH1-4014 4.0" 14" 1/2" 1/2" SMH6-80160 1.1/2" SMH1-4021 21" 3/4" 1/2" SMH6-80200 1.1/2" SMH6-80240 SMH1-4040 4.0" 3/4" 1/2" 1.1/2" SMH1-4080 4.0" 3/4" 1/2" SMH1-40120 4.0" 120" 3/4" 1/2"

1/2"

3/4"



# **THIGH PRESSURE PUMP**

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HIGH PRESURE ROTARY VANE PUMP WITH MOTOR BRASS ONE AND STAINLESS STEEL ONE, 1/2HP AND 1HP CNP HIGH PRESSURE PUMP FEED WATER PUMP AND HIGH PRESSURE PUMP







DOMESTIC RO BOOSTE RUMP 50/75/100/200/300/400/500/600GPD BOOSTER PUMP









# **Stainless Steel Cartridge Style Filter Housing**



Material:Stainless steel 304#,316L

Cover opening & closure type: V-clamp hinged& Swing bolt hinged Max.pressure:100psi &150psi

Filter elements adaptor : 222 o-ring/fin,Double open end-DOE

10" 3 elements;5 elements;7 elements

20" 3 elements;5 elements;7 elements

30" 3 elements;5 elements;7 elements;11 elements;15 elements;20

40" 3 elements;5 elements;7 elements;11 elements;15 elements;20

elements:25 elements

# **Stainless steel Sanitary Cartridge Filter Housing**



Material:Stainless steel 304#,316L

Cover opening & closure type: V-clamp hinged& Swing bolt hinged Max.pressure:100psi &150psi

Filter elements adaptor: 222 o-ring/fin,Double open end-DOE

10" 1 elements;3 elements;5 elements;

20" 1 elements;3 elements;5 elements;7 elements

30" 1 elements;3 elements;5 elements;7 elements;9 elements;12

40" 1 elements;3 elements;5 elements;7 elements;9 elements;12

## Stainless Steel Bag Style Filter Housing



Material: Stainless steel 304#,316L Cover opening & closure type: V-clamp hinged& Swing bolt hinged Max.pressure:100psi &150psi Single bag and multi-bag

# **UPVC Cartridge Style Filter Housing**



Material	Size(mm)	Cartridges pcs	Cartridges size	In/Out(mm)	Max pressure
UPVC	Ф225-Н465	3&5	10"	DN40/ANSI	A=0.4MP
UPVC	Ф225-Н715	3&5	20"	1.5"	Α
UPVC	Ф225-Н965	3&5	30"	DN50/ANSI	B=0.6MP
UPVC	Ф225-Н1215	3&5	40"	2"	Α

Material: UPVC Cover opening & closure type: Screw & Swing bolt hinged Max.pressure: 0.4Mpapsi & 0.6Mpa



# **UV STERILIZER&OZONE GENERATOR**

# www.hellopurewater.com





# **BRINE TANK&DOSING TANK**

www.hellopurewater.com

### **UV Sterilzier**



UV STERILIZER for water treatment with lamp,quartz sleever and adapter Philips lamp/Chinese lamp options

Туре	Rate(GPM)	UV LAMP	Inlet/Outlet (inch)	size(cm) L*D*H	lifetime (h)	material	Intensity nm
UV-4W	0.25G	4W*1	G1/4	236*51*51	8000	304	253.7
UV-6W	0.5G	6W*1	G1/4	236*51*51	8000	304	253.7
UV-12W	1G	12W*1	G1/4	300*51*51	8000	304	253.7
UV-16W	2G	16W*1	G1/2	330*63*63	8000	304	253.7
UV-25W	6G	25W*1	G1/2	550*63*63	8000	304	253.7
UV-30W	8G	30W*1	G3/4	869*63*63	8000	304	253.7
UV-35W	10G	35W*1	G3/4	910*63*63	8000	304	253.7
UV-55W	12G	55W*1	G3/4	910*63*63	8000	304	253.7
UV-110W	24G	55W*2	1"	910*110*110	8000	304	253.7
UV-165W	36G	55W*3	1.5"	910*135*135	8000	304	253.7
UV-220W	48G	55W*4	1.5"	910*135*135	8000	304	253.7

### **Ozone Generator**



This series of Ozone generator apply transistor gate inverting technology. Features

- a) Adjustable Ozone output;;
- b) Air cooling;
- c) Special design to avoid water return d) Stainless steel casing;
- e) Long life discharge cell, continuous running;
- f) Two type gas source: compressed air or oxygen;

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2'	1.5'	1'	3/4"	1/2"	1/4"	

OZ-3G 3	OZ-5G 5	OZ-7G 7 air-cooled	OZ-10G 10	OZ-15G 15
3			10	15
		air-cooled		
	12			
	Oxygen source	e: 25~45 Ai	r source : 5~15	
350x250x520	350x25	0x580	350x25	0x630
11	12	12	13	13
140	160	160	180	180
110V 50~60HZ				
	0:	xygen or dry clean a	ir	
		140 160	140 160 160 110V 50 ~ 60HZ	140 160 160 180

### **Brine Tank**





Capacity (L)	Diameter (mm)	Net Height (mm)	Total Height (mm)
60L	Ф340	630	690
100L	Ф390	790	850
150L	Φ500	820	880
200L	Ф500	930	1000

### **Brine Valve**



Model	Tank Range (L)	Well Mini. Dia. (mm)
434	60-200L	90
454	300-2000L	120
1600	15-200L	40
1700	300-2000L	95

# **Dosing Tank**



Main material:LLDPE food-grade raw plastic Common color:white,bule,black,light yellow With a complete range of size,scientific design and high quality Clean and safe, without poison Acid and alkali resistant











40GPM





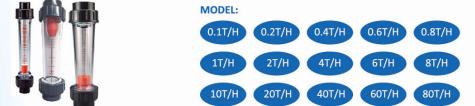




# **Pipeline Type Flow Meter**



# **Tube Type Flow Meter**



# **Pressure Gauge**



# **Filter Housing**















LP-13



LP-14



50/75/100GPD



200/300GPD

















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GAC-10/GAC-10P GAC-20/GAC-20P



CTO-10/CTO-10P CTO-20/CTO-20P



PL-10/PL-10P PL-20/PL-20P



MIC-10/MIC-20



PY-10/PY-10P PY-20/PY-20P



INLINE-PP/INLINE GAC/INLINE CTO INLINE UF/INLINE RESIN/INLINE KDF







INDUSTRIAL UF MEMBRANE



QF-PP/QF-GAC/QF-CTO/QF-KDF QF-UF/QC-RESIN



UF MEMBRANE SMALL POSTCARBON



INFRARED ARTRIDGE MINERAL CARTRIDGE



FAT CERAMIC CARTRIDGE



CERAMIC CARTRIDGE





CERAMIC RESIN CARTRIDGE



FT-2



FT-3





FT-5



JS-7

JS-2



JS-3

JS-4



JS-5



JS-6



JS-1



JS-10

JS-11

JS-12



JS-14



SL-1





SL-4









SL-3





CL-1

CL-2

CL-3

CL-4

CL-5











PJ-1



PJ-3

PJ-4

PJ-5



COLUMN CO





# **COMMERCIAL RO SYSTEM**

# www.hellopurewater.com





### **Steel Box 5-Stage RO System**

### RO-200G/400G-B06

- · On Board Computer
- · Auto Flush
- · Pressure Gauge

- Housing: 122-20 Single "O" Ring Housing
   RO Water Output: 200GPD/400G GPD
   Fittings type: JACO
   Diaphragm Booster Pump with
   Adaptor 110V/ 220V, 50/60Hz
- · Pressure Tank: 11G steel Tank
- Packing Dimension: 59x42x99cm



# 5-Stage RO System with Steel Shelf

### RO-200G/400G/600G-D02B

- Flush type: Manual Flush
   With steel shelf
   Housing: 122-20 Single "O" Ring Housing
   RO Water Output: 200GPD/400G GPD
   Fittings type: JACO
   Diaphragm Booster Pump with
   Adaptor 110V/ 220V, 50/60Hz

- · Pressure Tank: 11G steel Tank
- Packing Dimension: 45.5x29x80.5cm



### 5-Stage RO System with Steel Shelf

### RO-200G/400G-D01

- . Flush type: Manual Flush
- With steel shelf
   Housing: 122-20 Single "O" Ring Housing
   RO Water Output: 200GPD/400G GPD

- Fittings type: JACO
   Diaphragm Booster Pump with
- Adaptor 110V/ 220V, 50/60Hz
- · Pressure Tank: 11G steel Tank
- Packing Dimension:47x31x88cm



- 5-Stage RO system:PP,GAC, CTO,RO, T33
- Normal&Cold&Hot WaterOn board computerRO Water
- Output:50G/75G/80G/100GPD
- Diaphragm booster pump with adaptor 110V/220V 50/60HZ
- Inbuilt 8L tank
- Packing dimension:665\*300\*475mm



Districted Ministration Ministration

















DOMESTIC RO SYSTEM

MEMBRANE PRODUCTION













CONDUCTIVITY METER

TDS PEN-1

RESISTIVITY METE CONDUCTIVITY/RESISTIVITY METER

**RO CONTROLLER-1** 

**RO CONTROLLER-2** 













PH METER

UF CONTROLLER

TDS PEN-2

PH METER

ELECTROLYLI ZER













S.S Solenoid Valve

**BRASS SOLENOID** 

COUPLING

HIGH/LOW PRESSURE SWITCH AB SWITCH

**SDI TESING** 







3.2G PLASTIC TANK











4.0G PLASTIC TANK

11G TANK

**20G TANK** 











MAGANESE SAND

ACTIVATED CARBON

ION EXCHANGE RESIN

QUARTZ SAND

SILICON BALL







Shanghai Hello Pure Water Technology Co., ltd is established in 2010.

We are a professional manufacturer and exporter that is concerned with the design, development and production of water treatment system and components. We are located in Shanghai, China, with convenient tra nsportation access. All of our products comply with international quality standards and are greatly appreciated in a variety of different markets throughout the world.

The Range of our products include residential, commercial and industrial water treatment system and components

Our well-equipped facilities and excellent quality control throughout all stages of production enables us to guarantee total customer satisfaction. As a result of our high quality products and outstanding customer service, we have gained a global sales network reaching the Whole Asia, Middle East, Europe, America and South of America.





# RESIDENTIAL WATER FILTER





# **DOMESTIC WATER FILTER**









SINGLE FILTER DOUBLE FILTER TRIPLE FILTER



# RESIDENTIAL WATER FILTER \(\neg \)

# www.hellopurewater.com





# **TRESIDENTIAL RO SYSTEM**

### www.hellopurewater.com









SINGLE FILTER



DOUBLE FILTER

TRIPLE FILTER

**UV-PLUS WATER PURIFIER** 











# **UF SYSTEM**







- 1st Stage:PP-10PP Spun Fiber filter
- 2nd Stage:GAC-10Granular Carbon Filter
   3rd Stage:CTO-10 Block Carbon Filter
- 4th Stage:UF-10C Ultra Filter Membrane
- 5th Stage:T-33 Activated Carbon
- · Packing dimension:400x170x450mm



### 5-Stage RO System without Pump

### RO-50G/75G/80G/100G/125G-E01

- · Manual Flush
- RO Water Output:50GPD/75GPD/80GPD/100GPD/125GPD
- · Housing:122-10Y-W Single "O" Ring Housing
- · Quick Fitting
- Without Pump
- Pressure Tank:3.2G Steel Tank or 3.0G Plastic Tank
- · Note:Inlet pressure should be equal to or above 87 psi
- · Packing Dimension:420x290x560mm



### 5-Stage RO System without Pump

### RO-50G/75G/80G/100G/125G-A01

- Manual Flush
- RO Water Output:50GPD/75GPD/80GPD/100GPD/125GPD
- · Housing:122-10Y-W Single "O" Ring Housing
- · Quick Fitting
- · Diaphragm Booster Pump with Adaptor 110v/220v,50/60Hz
- · Without Pump
- · Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank
- Machine Dimension:360x145x440mm
- · Packing Dimension:440x360x580mm



### 6-Stage RO System with Medicinal Stone

### RO-50G/75G/80G/100G/125G-A02

- RO Water Output:50GPD/75GPD/80GPD/100GPD/125GPD
- · Housing:122-10Y-W Single "O" Ring Housing
- · Quick Fitting
- · Diaphragm Booster Pump with
- Adaptor 110v/220v,50/60Hz
- · Without Pump
- · Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank
- Machine Dimension:360x145x440mm
- · Packing Dimension:440x360x580mm



### 6-Stage RO System with UV

#### RO-50G/75G/80G/100G/125G-A03

- RO Water Output:50GPD/75GPD/80GPD/100GPD/125GPD
- · Housing:122-10Y-W Single "O" Ring Housing
- · Quick Fitting
- · Diaphragm Booster Pump with
- Adaptor 110v/220v,50/60Hz
- · Without Pump
- Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank
- Machine Dimension:360x145x440mm
- · Packing Dimension:440x360x580mm



# **RESIDENTIAL RO SYSTEM**

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# **TRESIDENTIAL WATER FILTER**

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### **TDS Display RO System**

### RO-50G/75G/80G/100G/125G-A01

- · Manual Flush
- RO Water Output:50GPD/75GPD/80GPD/100GPD/125GPD
- · Housing:122-10Y-W Single "O" Ring Housing
- Diaphragm Booster Pump with Adaptor 110v/220v,50/60Hz
- · Without Pump
- · Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank
- Machine Dimension:360x145x440mm
- · Packing Dimension:440x360x580mm



### RO-200G/400G/600G-P01

- · High Flow,without Tank
- RO Water Output:200GPD/400GPD/600GPD
- · Quick Fitting
- Machine Dimension:400x220x480mm
- · Packing Dimension:420x415x465mm



### RO-50G/75G/80G/100G/125G-D02

- RO Water Output:50GPD/75GPD/80GPD/100GPD/125GPD
- · Housing:122-10Y-W Single "O" Ring Housing
- · Quick Fitting
- Diaphragm Booster Pump with Adaptor 11v/220v,50/60Hz
- Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank
- · Note:Inlet pressure should be equal to or above 87 psi
- · Packing Dimensio:420x290x560mm



# RO-50G/75G/80G/100G-H07

### **FEATURES:**

- . 5-stage ro system: PP, GAC, CTO, RO, T33
- · On board computer
- · Dustproof design
- RO water output: 50G/75G/80G/100GPD
- · Diaphragm booster pump with adaptor 110V/220V,50/60Hz
- . 3.0G plastic tank or 3.2G Steel Tank for option
- · Water leakage protection
- · Two colors for option
- Packing dimension: 515\*465\*610mm