
BW-100L/H RO Salt Water Treatment System



Lite Lion (HK) Trading Limited

RO-100L/H RO system configuration list



NO	Device Name	Origin /brand	QTY
1	Raw water tank 0.5m3	not included	1 SET
	A. Material: 304 stainless steel		
	B. Specifications: φ790×1110mm C. Water level control switch		1 SET
2	Raw water pump 316 stainless steel		1 SET
	A. Flow rate: 0.5m3/h Head: 25.5m B. Power: 0.37KW Power: 220V/50HZ		
3	Mechanical filter φ200×445MM		1 SET
	A. Fiberglass Tank Material: FRP		

	B. Manual multi-way valve F56E		1 SET
	C. Refined quartz sand		15kg
	D. Upper and lower water distributors, central collectors		1 SET
4	Activated Carbon Filter φ200×445MM		
	A. Fiberglass Tank Material: FRP		
	B. Manual multi-way valve F56E		
	C. Activated carbon		5KG
	D. Upper and lower water distributors, central collectors		1 SET
5	5μm security filter		1 SET
	A. Model: 1 core Material: ABS blue plastic		1 SET
	B. 10"×5μm PP Filter φ70×250MM		1 PC
6	Horizontal high pressure pump 102E100F		1 SET
	A. Flow 250L/h Head: 200m		
	B. Power: 0.37KW Material: 316 stainless steel		
6	Reverse Osmosis Unit Water production: 100L/h, Desalination rate: 95 to 98%, Recovery rate: 30-45%		1 SET
	A. Membrane housing assembly 4021-1 Material: FRP		2 PCS
	B. Membrane element BW-4021		2 PCS
	C. 304 stainless steel rack		1 SET
	D. Water inlet solenoid valve φ15MM		1 PC
	E. Concentrated water solenoid valve φ15 MM		1 SET
	F. Concentrate flow control valve φ15MM		1 SET
7	Pure water tank 0.5m3	not included	1 SET
	A. Material: 304 stainless steel		
	B. Specifications: φ690×1400mm		
	C. Water level control switch		1 SET

8	Connection Fittings. Valves Food Grade UPVC		1 SET
9	Electronic control system		1 SET
	Total control cabinet: PC program controller automatic control, Chint electrical components, pressure controller, intermediate relay.		
	A.PC program controller		1 SET
	B.Pure water conductivity meter		1 SET
10	Pressure gauge		1 SET
	A. Low voltage protection switch	-----	1 PC
	B. Water inlet pressure gauge 0~6kgf/cm ²		2 PCS
	C. Working pressure gauge 0~25kgf/cm ²	-----	1 PC
11	Optional: UV- sterilization		

Remarks:

1.Instructions :

- 1.1 Host Dimension: 120*50*80CM; Weight about: 120Kg;
- 1.2 Water production: 100L/H, raw water TDS≤7000ppm, pure water TDS≤230ppm
- 1.3 Raw water quality:under groundwater, brackish water;
- 1.4 Power: Single-phase 220V; Frequency: 50±0.5HZ(Choose); Rated total power: 0.75kw
- 1.5 Installation conditions: indoor installation, temperature:5-45°C;