Reverse Osmosis System







Ewater

EWATER Water Treatment Co., Ltd.
JIEMING International Trading FZCO

What is Reverse Osmosis?

Reverse Osmosis (RO) is a water purification process that uses a semi-permeable membrane (synthetic lining) to filter out unwanted molecules and large particles such as contaminants and sediments like chlorine, salt, and dirt from drinking water. In addition to removing contaminants and sediments, reverse osmosis can also remove microorganisms.

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Features

§ No need heating, low energy consumption, stable running.
§ Compact, easy to operate, environmental friendly.
§ Reliable quality and easy to expand.
§ Good balance between effiency and running life.
§ Automatically running, simple maintenance.

Applications

Petroleum, pharmaceutical, automobile, light industry, water treatment, electroplating, textile etc.





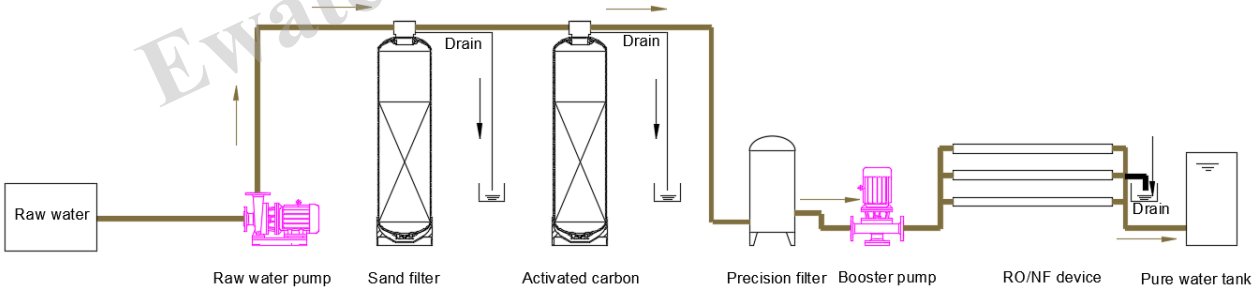




RO System

Category A

Capacity<2000L/hr, quartz sand + activated carbon prefiltration.



Model	Capacity		Tank Size (Dual-tank)	Frame Size	Membranes
	L/hr	GPD	(mm)	(mm)	(Model*Nos)
EW-RO-800A	120	800	Φ200*1100	1000*600*1500	4021*1
EW-RO-1500A	250	1500	Φ250*1400	1200*600*1500	4040*1
EW-RO-3000A	500	3000	Φ250*1400	1200*600*1500	4040*2
EW-RO-4500A	750	4500	Φ300*1650	1500*600*1500	4040*3
EW-RO-6000A	1000	6000	Φ350*1650	1500*700*1250	4040*4
EW-RO-9000A	1500	9000	Φ400*1650	Pre: 1000*450*1200 RO: 1500*700*1250	4040*5

**System specs can be designed according to customer requirment.*

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EW-RO/-800/1500

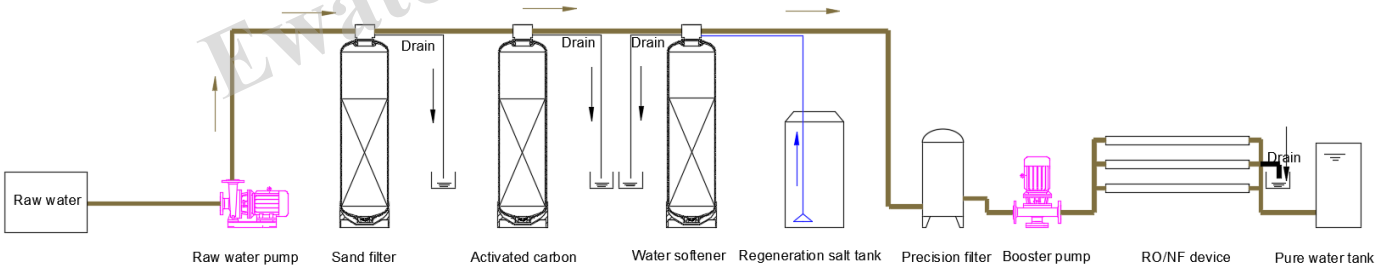


EW-RO-3000~9000

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Category B

Capacity<2000L/hr, quartz sand + activated carbon + soften prefiltration, for inlet water with more hardness.



Model	Capacity		Tank Size (Triple-tank)	Frame Size	Membranes
	L/hr	GPD	(mm)	(mm)	(Model*Nos)
EW-RO-800B	120	800	Φ200*1100	1300*600*1500	4021*1
EW-RO-1500B	250	1500	Φ250*1400	1600*600*1500	4040*1
EW-RO-3000B	500	3000	Φ250*1400	1600*600*1500	4040*2
EW-RO-4500B	750	4500	Φ300*1650	1700*600*1500	4040*3
EW-RO-6000B	1000	6000	Φ350*1650	1800*700*1250	4040*4
EW-RO-9000B	1500	9000	Φ400*1650	Pre: 1500*450*1200 RO: 1500*700*1250	4040*5

**System specs can be designed according to customer requirment.*

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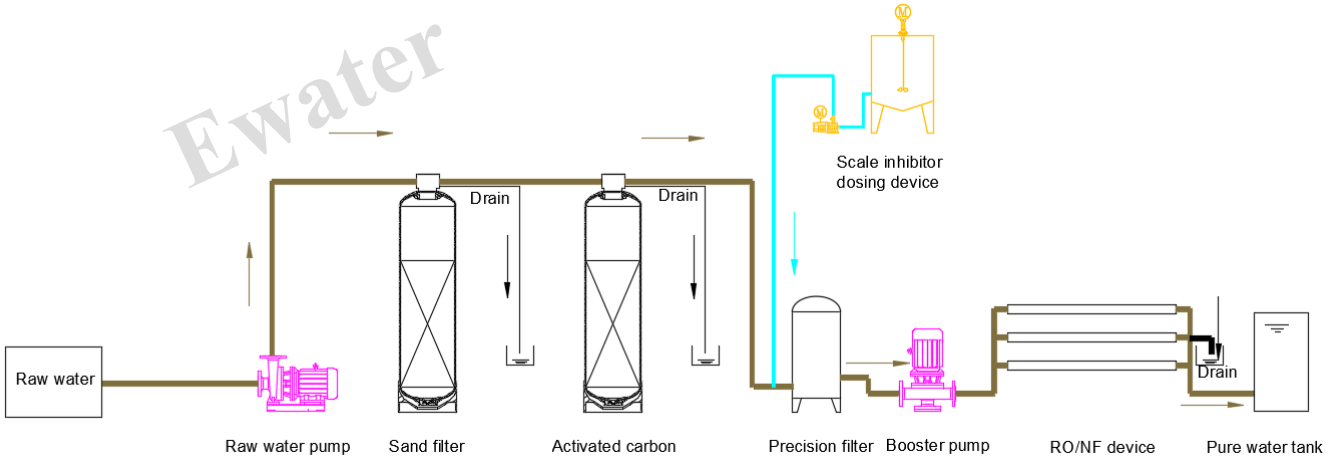




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Category C

Capacity:2000L~6000/hr, quartz sand + activated carbon, with Anti-Scaling dosing device.



Model	Capacity		Tank Size (Dual-tank)	Frame Size	Membranes	Anti-Scaling Dosing Tank
	L/hr	GPD	(mm)	(mm)	(Model*Nos)	(L)
EW-RO-12000	2000	12000	Φ400*1650	Pre:1000*450*1200 RO:2500*700*1400	4040*8	40
EW-RO-15000	2500	15000	Φ600*1850	2500*700*1400	4040*10	
EW-RO-18000	3000	18000	Φ600*1850	2500*700*1400	4040*12	
EW-RO-24000	4000	24000	Φ750*1850	2500*900*1400	8040*4	
EW-RO-30000	5000	30000	Φ900*2200	3500*900*1400	8040*5	
EW-RO-36000	6000	36000	Φ1000*2200	3500*900*1400	8040*6	60

**System specs can be designed according to customer requirment.*



EW-RO-12000



EW-RO-15000/18000

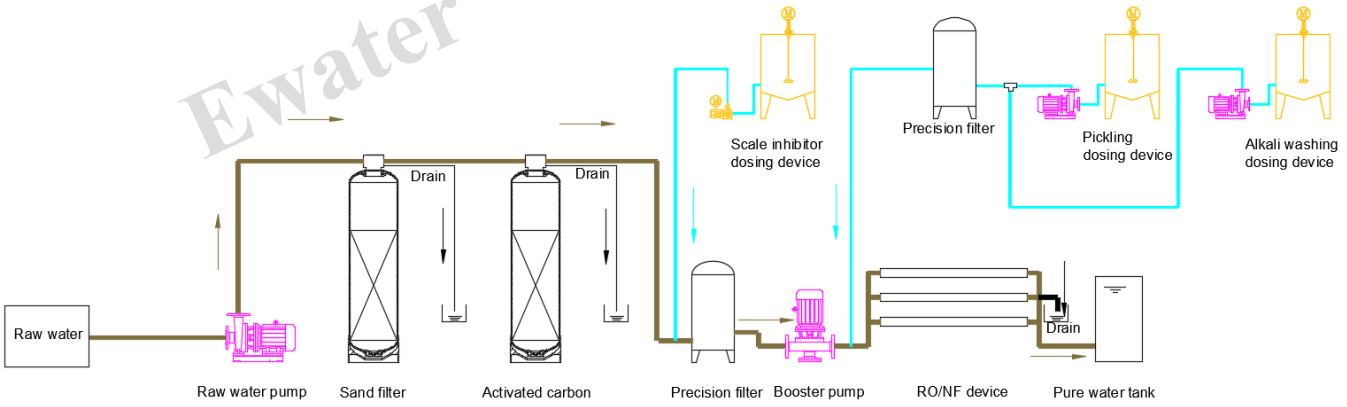


EW-RO-24000~36000

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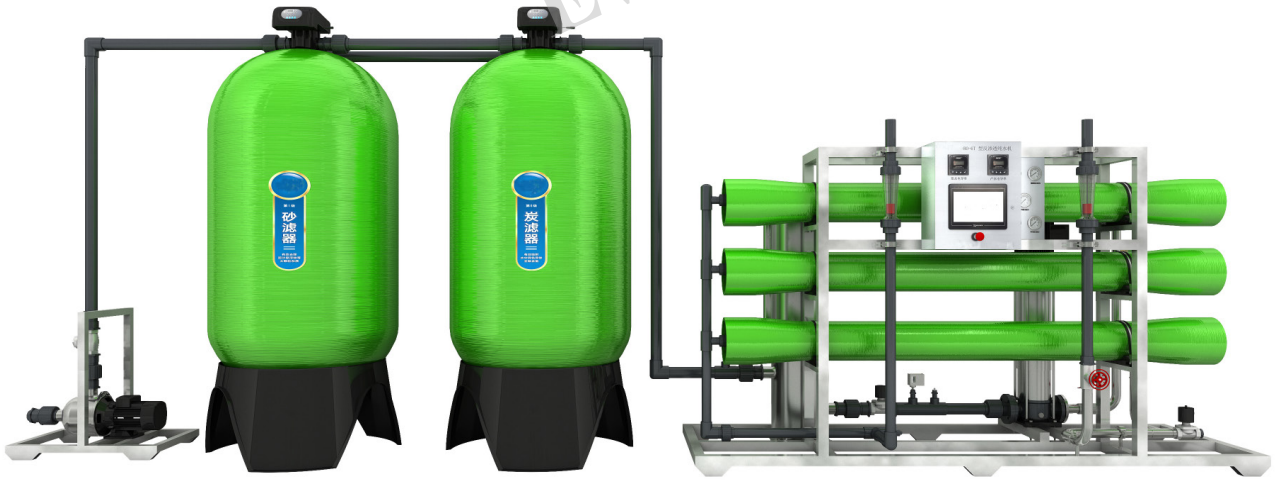
Category D

Capacity:8000L~10000/hr, quartz sand + activated carbon, with Anti-Scaling dosing and CIP device.



Model	Capacity		Tank Size (Dual-tank)	Frame Size	Membranes	Anti-Scaling Dosing Tank	CIP Dosing Tank (L)	
	L/hr	GPD	(mm)	(mm)	(Model*Nos)	(L)	Acid	Alkali
EW-RO-48000	8000	48000	Φ1200*2400	4500*900*1400	8040*8	100	1000	1000
EW-RO-60000	10000	60000	Φ1200*2400	5500*900*1400	8040*10			

**System specs can be designed according to customer requirment.*



EW-RO-48000~60000

System Composition

RO Membrane

Brand Options: Vontron, Dupont





Membrane Housing

FRP/Stainless Steel, Side/End port, 300-1200psi, 1~7 elements.

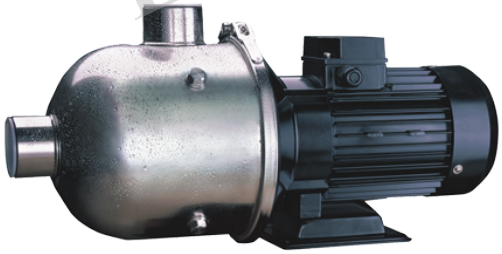







Pump

Brand Options:CNP, LEO, Grundfos etc.



Horizontal Type



Vertical Type

Filtration Tanks



Quartz Sand



Activated Carbon



Resin

Dosing Device





Gallery






6T/H 单级反渗透系统


Softener Tank
Carbon Filter Tank
Sand Filter Tank

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