



RWSRO – TYPE Reverse Osmosis Systems

RWSRO-Type

- Combines high quality product water
- User-friendly controls durable construction
- Easy to installation

Standard Features:

- 5 micron Pre-filter
- Automatic inlet shut-off valve
- Pressure Adjustable valve
- High pressure pump
- Pressure gauge
- Flow Meter
- Auto-flush system
- Statue indicators
- Digital produce water monitor
- Mimic diagram with pilot lighs

Operating Parameters

Operating Pressure.....12~15bar
 Max. Recovery 75%
 Nominal Rejection 95~98%
 Design Temp. 25°C
 Operating Temp. 20 to 40 °C
 Minimum inlet pressure ... 2 bar (30 psi)

Material of Construction

Frame (Skid)Stainless
 Membrane elements ..TFC Polyamide
 Membrane housing....Stainless or FRP
 Low pressure pipe.....SCH 80. PVC
 High pressure pipe... Stainless
 Pump Stainless/ cast iron

RWSRO-TYPE

Specification

RWRO-Type M3/ Hr	2~5M ³ /Hr	6~10	12~20	20~30	30~40	40~50	60~ up
Recovery (Max.)	75%	75%	75%	75%	75%	75%	75%
Qty of membrane (pcs)	4040	8040	8040	8040	8040	8040	8040
	8~20pcs	6~10pcs	12~20pcs	20~30pcs	30~42pcs	42~54pcs	60~ up

There are more big capacity equipment, according to client request purpose to design and process .

Feed water requirements:

The Reverse Osmosis machine require the following feed water conditions:

- Temperature : 20~ 40 °C
- PH : 5-10
- SDI : < 3
- TDS : < 1500ppm
- Metals-Fe, Mg : < 0.03
- There is different design for various raw water analysis as clients request
- Typical pretreatment to be considered shall be
Multi-media filtration (remove turbidity)
Active carbon filtration (remove organic matters, Chlorine)
Softener or antiscalant dosing system (remove hardness)

Installation considerations

- The system should be installed on a firm, level surface
- A drain with suitable capability to handle the concentrate flow rate is required.
- Power source is required
- Min. feed water pressure 2 bar for proper system operation.

For More Information: Contact us at :

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