

## INDUSTRIAL REVERSE OSMOSIS SYSTEM

Type	Capacity
LC - 2000 DLX	300 l/hour
LC - 4000 DLX	600 l/hour
LC - 6000 DLX	900 l/hour
DC - 8000 DLX	1.200 l/hour
DC - 1,8K DLX	1.800 l/hour
DC - 2,4K DLX	2.400 l/hour

The development of industry and the rise of living level have caused water shortage problem in many countries, with DESALITE<sup>®</sup> Reverse Osmosis technology will production of extremely high quality product and will enlarge the needs of high purity water.

DESALITE<sup>®</sup> Reverse Osmosis Machine consists of five main equipment sub system such as Guard Filter, High Pressure Pump, Pressure Vessel, Semi Permeable Membrane and Control Logic Panel.

With DESALITE<sup>®</sup> Reverse Osmosis Machine Water flows selectively out of Concentrate Salt Solution (Concentrate Water) and Low Salt Solution (Permeate Water).

Every feature and detail of DESALITE<sup>®</sup> Reverse Osmosis Machine has been designed for easy, assured performance and user friendly for simplicity. All Switches, Gauges and Control are readily in view at any location.

The result is the easiest to use, most versatile Reverse Osmosis Machine System ever made.

### PRE-TREATMENT

- FRP 1354 Sand Silica + Antracite
- FRP 1354 Carbon Activated
- FRP 1354 Softener
- Brain Tank
- Multi Catride w/ss Vessel 20"-30"
- SS 304 Transfer Pump, 3 phase
- SS 304 Sanitary Piping

### REVERSE OSMOSIS EQUIPMENT

- Thin Film Composite Membranes
- FRP Pressure Vessel
- Motor Actuated Feed Valve SS 304
- Stainless Steel Centrifugal Pump
- Multi Catride w/ss Vessel 20"-30"
- SS Filter Housing
- Low Pressure Shut-Off Switch
- Auto Feed Shut-Off
- Stainless Steel Flow Control
- Feed Pressure Gauges
- System Pressure Gauges
- Stainless Steel Holo Frame
- Permeate Flowmeter
- Concentrate Flowmeter
- Permeate TDS Display w/ auto flush
- Microprocessor/Controller

### Automatically Controls:

- Automatic Shut-Down at Tank Full
- Low or High Pressure Fault Shut-Down
- Pre-Treatment Lock-Out
- Feed Water Flush at Shut-Down
- Two Panel Switches For:
- Auxiliary Output enable/disable
- System Power
- On/Off
- Backwash



[www.reverseosmosisaqua.com](http://www.reverseosmosisaqua.com)

