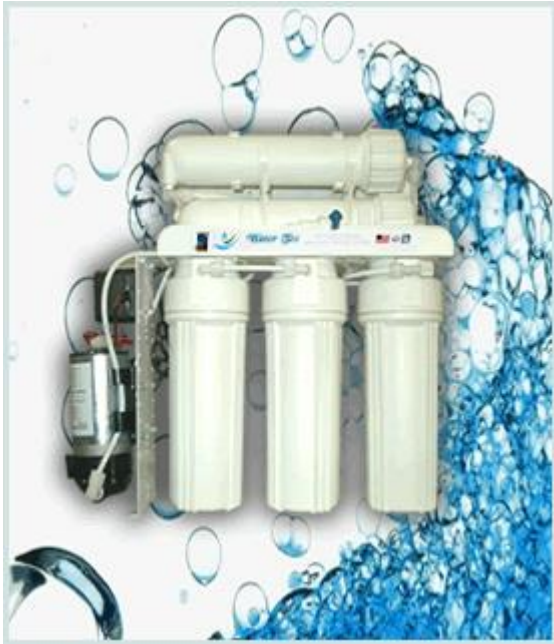


WaterTec Commercial & Industrial Reverse Osmosis Systems

RO – 200 GPD/750LPD Reverse Osmosis System



Features :30lt/hour

- Polypropylene Made Flat Cap Housing (double o'ring).
- Automatic Shut off Valve, Mini Flow Restrictor, Stainless Steel Check Valve.
- High Pressure Switch
- Low Pressure Switch
- Long Reach Faucet.
- Feed water connector.
- 1/4 inch Tubing for System Connection
- Completely Assembled
- Installation Instruction
- Can Connect to Large Water Tank
- Safety approval: SABS approval

Specifications:

Membrane: 200 GPD /750LPD

Operation pressure: 5 -70 psi

Dimensions: 38 cm(L) x 53cm (H) x 20 cm (W) - system

Weight: 13 kg – system

Price range R6500.00 + VAT excluding installation & selected RO Pressure Tank

RO-200GPD Filters

(Stage 1) 5 Micron sediment filter

Removes sediment, rust dirt and other solid debris

(Stage 2) Activated carbon filter

It takes out 98% of the chlorine and organic chemicals. It provides enhanced reduction of taste, odour and colour.

(Stage 3) 1 Micron sediment filter

With only 1 micro rating, it provides effective filtration to protect your membrane. It improves the membrane performance up to 95% of TDS rejection.

Stage 4/continue page 2 of 5

(Stage 4) Reverse osmosis membrane x2 (100G)

It removes the following hard water contaminants that may be present in your water, lead cooper, barium, chromium, mercury, sodium, fluoride, nitrite and selenium.

(Stage 5) Post-carbon filter

This carbon post filter removes objectionable tastes and odors to enhance the quality of your drinking water.

RO – 300 GPD/1125-1200LPD Reverse Osmosis System**Features :50lt/hour**

- High pressure switch
- Low pressure switch
- Feed water pressure gauge
- Long Reach Faucet
- 4/3 inch Tubing for System Connection
- Completely Assembled
- Safety approval: SABS approval
- Price range R16500.00 + VAT, excluding selected RO pressure Tank, estimate 20G RO Tank, R2850.00 + VAT

Cartridges Filters include :

1. 20" length 5 micron Sediment filter.
2. 20" length Granular Activated Carbon filter
3. 20" length 1 micron sediment filter
- 4. 3 pcs x 100GPD membrane.**
5. Post Carbon filters.

Dimensions:

28 cm (D) x 81cm(H) x 45cm (L) - system

Operating specifications:

- Maximum feed water temp 85 F
- Feed water pressure 40-80 psi
- Operating pressure 100 psi maximum
- Feed water TDS 1000PPM maximum
- Iron tolerance 25PPM maximum

- Silica tolerance 25PPM maximum
- pH range 3-11
- hydrogen sulfide must be removed
- turbidity must be removed
- water recovery up to 60%
- average salt rejection :90% - 98%

RO – 400, RO-540 & RO720 GPD – 1500 to 2700LPD Light Commercial Reverse Osmosis System



Features :Range 62.50, 80.50 & 112.50lt/hour

- High pressure switch
- Low pressure switch
- Feed water pressure gauge
- Long Reach Faucet.
- 4/3 inch Tubing for System Connection
- Completely Assembled
- Safety approval: SABS approval
- Price range R18500.00 to R25850.00 + VAT, excluding installation and water storage to quote options.

Cartridges Filters include :

1. 20" length 5 micron Sediment filter.
2. 20" length Granular Activated Carbon filter.
3. 20" length 1 micron sediment filter.
4. **RO400G 4 pcs x 100GPD membranes – 1500LPD**
- 4a. **RO540G 3 pcs x 180GPD membranes – 2025LPD**
- 4b. **RO720G 4 pcs x 180GPD membranes – 2700LPD**
5. 12" Inline Post Carbon filters.

Dimensions:

28 cm (D) x 81cm(H) x 45cm (L) - system

Operating specifications:

- Maximum feed water temp 85 F
- Feed water pressure 40-80 psi
- Operating pressure 100 psi maximum
- Feed water TDS 1000PPM maximum
- Iron tolerance 25PPM maximum
- Silica tolerance 25PPM maximum
- pH range 3-11

- hydrogen sulfide must be removed
- turbidity must be removed
- water recovery up to 60%
- average salt rejection :90% - 98%

RO 800 GPD/3000LPD Industrial Reverse Osmosis System



Features :125lt/hr

- Model#LST-800 GPD
- Motor: model#LST-800, 1/2 HP
- Rotary vane pump
- TFC membrane
- Stainless steel membrane vessels
- 5 Microns sediment filter 20"
- Inlet solenoid valve
- Pressure control valve
- Low pressure cut-off
- One high pressure gauges 0-225 psi, Liquid filled
- Two low pressure gauges 0-150 psi, Liquid filled
- Stainless steel frame
- Nylon tubing
- Easy operation
- TDS monitor (optional)
- Price range R37500.00 + VAT

Description:

The LST/WaterTec series is a light commercial RO system. Manufactured to the highest quality and weighing less than 75 pounds, it is compactly designed to provide users with an economical solution to all their industrial and commercial needs.

RO 1500 - 6000GPD Industrial Reverse Osmosis System



Features :200-1000lt/hr.

- Stainless steel frame
- TFC membrane
- Stainless steel RO vessels
- High pressure pump
- PLC Control
- Power on/off switch
- Product water flow meter
- 5 microns per-filter
- High pressure gauge

- Low pressure switch
- Level control on/off
- Automatic Flush
- Light vertical multi-step centrifugal pump

Description:

The LST/WaterTec R.O series range in production from 1500 to 6000 GPD. Popular 4040 membrane units are the 500, 750 & 1000lt p/hr systems. All systems are designed and tested for easy installation. Utilizing the highest quality components and advanced system design, users will have years of trouble free service.

LST Units above, EXCLUDING specified pre filtration. Pre filtration stages will depend on the raw source water – see technical & operating manuals available on request into the source water limits and feed water requirements.



Larger RO system units available on request.

Operating Specifications :

Feed water temperature : 85 degrees ferenhight. maximum

Feed water pressure : 35psi minimum - 85 psi maximum

pH range : 4 -12

Turbidity : must be removed

Iron : maximum tolerance 0.5 ppm (dissolved only)

Hardness : over 10 gpg should be softened

Hydrogen sulfide : 98% nominal

Electrical : 120V, 60HZ (50HZ available on request)
220V-440V, 60HZ (50HZ available on request)

Test conditions : operating pressure 200psi

Design temperature : 77 degrees ferenhieght (25 degree celcius)

Membrane : thin film composite

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System or Project Notes;