

Lifestream Watersystems Inc. - Treatment Technology Summary Sheet

Phone:714.375.6583

1. NDX: 200-1500 GPD

Description:

These high quality reverse osmosis watermakers produce superior water from seawater and brackish water. The basic design of these machines makes it uncomplicated to install, easy to operate while offering performance and durability at a value price. This equipment finds desalination application on land as well as in many marine applications.

- Processes: Cartridge prefilter, reverse osmosis
- Product Volume: 200, 500, 800, 1200, or 1500 GPD
- Feed Water Types: Brackish or seawater
- Concentrate Volume: Highly saline waste stream
- Footprint: 52" x 18" x 19", 125 - 250 lbs

2. TRO-A 350-1200 GPD

Description:

Rugged, economical and compact commercial TRO-A reverse osmosis systems purify water for applications for feedwater up to 1500 ppm TDS.

- Processes: Reverse osmosis
- Product Volume: 350, 600, or 1200, GPD
- Feed Water Types: Tap and Well Water
- Footprint: 50" x 24" x 18", 200 lbs

3. TRO-B 1800-20000 GPD

Description:

Rugged, economical and compact commercial TRO-A reverse osmosis systems purify water for applications for feedwater up to 1500 ppm TDS.

- Processes: Reverse osmosis
- Product Volume: 1800, 3600, 5000, 6500, 8000, 10000, 14500 and 20000 GPD
- Feed Water Types: Tap and Well Water
- Footprint: 66" x 110" x 44", 2250 lbs *

*Maximum Size, Sizes vary with Model

4. TRO-R 2800-324000 GPD

Description:

Tap/Well Water Reverse Osmosis Systems

Rugged, economical and compact commercial TRO-R reverse osmosis systems purify water for applications for feedwater up to 1500 ppm TDS. The units are frame mounted and include 5 micron cartridge filtration, reverse osmosis unit, membrane cleaning system and crating. The highest quality components have been selected for the rugged duty that is required for the water purification applications for commercial and industrial use of the TRO-R systems. Higher capacity systems are available on request.

- Processes: Reverse osmosis
- Product Volume: 28000, 43200, 64800, 115200, 144000, 201600, 252000, 288000 and 324000 GPD
- Feed Water Types: Tap and Well Water
- Footprint: 72" x 240" x 72", 21000 lbs *

*Maximum Size, Sizes vary with Model

5. BW 500-8000 GPD

Description:

The design, sizing and pricing of a Brackish Water Purification plant is highly specific to the application. A water analysis is required before the design can be confirmed. Based on the water analysis, consideration must be given to the necessary prefiltration that is required before the R/O unit, and post treatment necessary for the application.

In addition, the water analysis will determine the type, number, and configuration of the membranes and the pumps and motors.

- Processes: Reverse osmosis
- Product Volume: 500, 1200, 2000, 4500, 6000 AND 8000
- Feed Water Types: Brackish Water
- Footprint: 18" x 24" x 46"

*Maximum Size, Sizes vary with Model

6. [BW 10000-264000 GPD](#)

Description:

TLifestream BW Series reverse osmosis units are designed and manufactured for industrial applications. They are horizontal configurations utilizing vertical pumps. They are pre-engineered, pre-assembled units that minimize installation and start-up costs. They are fully tested at the factory and require simple utility connections and, with minor set up and adjustment, are ready for immediate on-line service. Their designs maximize reliability of the Reverse Osmosis unit.

- Processes: Reverse osmosis
- Product Volume: 7, 19, 30, 45, 60, 75, 100, 185 gpm
- Feed Water Types: Brackish Water