



ENVIRONMENTAL

A Division of Therma-Tron-X, Inc.

REVERSE OSMOSIS UNITS



General Specifications

- Available Outputs: 5-1000 GPM
- Variable Frequency Drive for High Pressure Pump Control
- Stainless Steel High Pressure Plumbing
- PVC Low Pressure Plumbing
- Clean-In-Place Equipment
- Stainless Steel Skid
- Fiberglass Housings
- Holding Tank With Stainless Steel Repressurization Pump



TTX Reverse Osmosis Units offer an extremely cost effective way of providing clean water for all of your finishing applications.

Reverse Osmosis (RO) units from **TTX Environmental** are designed around your water supply to meet your water quality requirements. RO water can be used to provide exceptionally clean water for critical manufacturing procedures and to prevent scaling when used as a medium in heat exchange functions. Systems sized from 5 GPM to 100 GPM and more may now be equipped with PLC management to more efficiently regulate production by offering more adjustable operational setpoints.

TTX Environmental RO Units require minimal operator oversight so you can spend time focusing on your product, not your equipment.

IN STOCK UNITS FOR IMMEDIATE DELIVERY



RO Units

THE PROBLEM:

- Mineral scaling damages to production equipment, cooling loops and boiler systems.
- Low Quality water causes part imperfections and rework.
- High energy costs as well as high sewage and sludge disposal fees for deionization regeneration waste.
- Ion exchange safety concerns from proximity of operators to acid and sodium hydroxide.

THE SOLUTION:

- TTX Reverse Osmosis Units generate pure water for use in nearly every process.
- Reverse osmosis has the ability to separate dissolved solids from water. Dissolved solids do not deposit on your parts.
- TTX Reverse Osmosis Units are energy efficient and do not require chemical regeneration.
- Operator interaction with TTX RO units is safe and easy.

Common Sizes

10 GPM System

1,190 lb. gross weight
12'-6" L x 3'-6" W x 7'-2" H
70-75% Recovery rate @ 48° F

20 GPM System

1,325 lb. gross weight
12'-6" L x 3'-6" W x 7'-2" H
70-75% Recovery rate @ 48° F

30 GPM System

1,450 lb. gross weight
14'-0" L x 3'-6" W x 7'-2" H
70-75% Recovery rate @ 48° F

50 GPM System

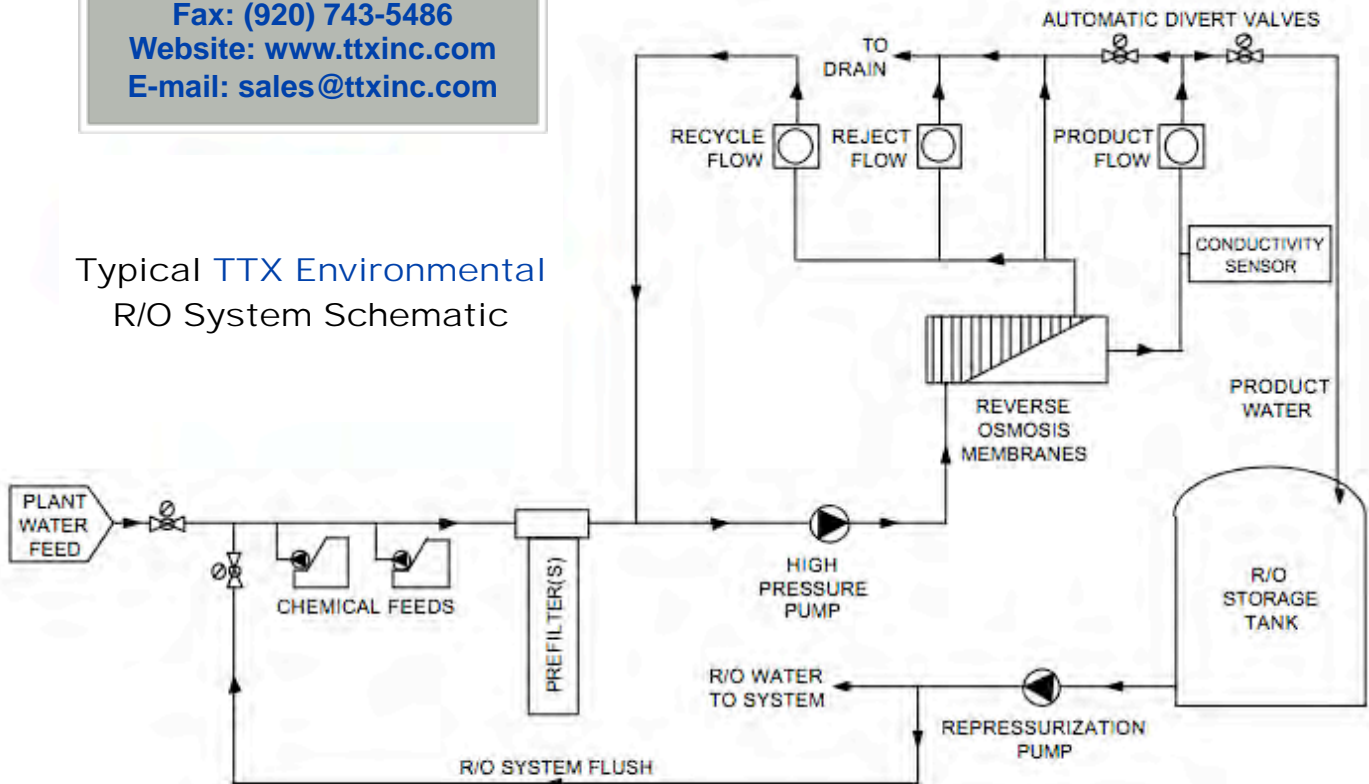
1,715 lb. gross weight
20'-2" L x 4'-0" W x 7'-4" H
70-75% Recovery rate @ 48° F

80 GPM System

2,130 lb. gross weight
22'-0" L x 4'-0" W x 7'-5" H
70-75% Recovery rate @ 48° F

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Typical TTX Environmental
R/O System Schematic



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