ExportSkid

The Export Skid is an industrial grade reverse osmosis water purification system. It is currently used throughout domestic and international markets, answering the call for pure, quality, consumable drinking water.

It is designed to operate in environments in which conditions are not optimal or there is high biological contamination, such as in many developing countries. The system is designed for use in any country for various water purification projects.

This system is applicable to various purified water uses such as drinking water projects, water bottling, tech industry applications, manufacturing processes and beverage production processes.

Model	Gallons Per Day	Liters Per Day
EX-1	1,500 G.P.D.	5,700 L.P.D.
EX-2	3,000 G.P.D	11,350 L.P.D.
EX-3	4,500 G.P.D.	17,000 L.P.D.
EX-4	6,000 G.P.D.	23,000 L.P.D.

WB U.S.A.
WATER BUSINESS
UNITED STATES OF AMERICA
www.WATERBUSINESS.com

760.744.4800
635 N. Twin Oaks Valley Rd., #19
San Marcos, CA 92069

ExportSkid

Purification Process:

STEP 1: Pre-Filtration –cartridge type, removes particulate matter down to 20 microns.

STEP 2: Carbon - an activated carbon cartridge filter that removes chlorine, chloramine, solvents, lead, insecticides, gasses, and other harmful contaminants. Works as a water softener, without the use of salt and drawing hardness particles together and crystallizing them

STEP 3: 5 Micron Pre-Filter - removes particles, sediments, and algae.

STEP 4: R.O. Pump - high pressure, stainless steel pump to boot water pressure to 150 PSI. for maximum membrane efficiency.

STEP 5: Reverse Osmosis Membrane - water is forced through a semi permeable, .0002 micron membrane, allowing only pure water molecules to pass.

STEP 6: Storage - water is stored in FDA approved tanks. (Optional)

STEP 7: Repressurized System – 20 GPM pressure pump assures constant water supply from storage tanks to post carbon filter, ultraviolet sterilizer, and faucets.

STEP 8: Pressure Tank - 30 gallon pressure tank assures a constant flow of water to the filler and prolongs pump life.

STEP 9: Post Carbon Filtration - water travels through a post carbon filter, polishing it for an exceptionally smooth taste.

STEP 10: Ultraviolet Sterilizer - stainless steel sterilizer eliminates up to 99.9% of all bacteria.

STEP 11: Optional - ozone may be added to water storage tanks to prevent future bacterial growth.

Features:

- Powder coated steel frame with aluminum diamond plate base
- Prewired electrical panel - circuit breaker
- Automatic flush
- Lights: power on, system running, low pressure with auto cut-off
- Stainless steel booster pump
- Dual level R.O. controls
- Pre and post filter gauges
- Waste and recycle valves
- Product and waster flow meters
- Pressure pump - 20 GPM
- Ultraviolet sterilization light - 20 GPM
- Stainless steel membrane housings
- 20” big blue cartridge pre-filtration filters for easy maintenance
- All components and materials are either NSF/ FDA/UL/ETL approved

Options:

- Ozone Generator
- Feed Pump
- TDS meter
- Hour meter
- Water softener in place of AG Filter
- Chemical injection system

Specifications:

Feed water:

- Temperature: 35°-85°
- Pressure: 40-80 psi
- Total Dissolved Solids (TDS): 2000 ppm

Tolerance:

- Iron: 0.5 ppm
- Silica: 25 ppm@50%
- Recovery pH range: 3–11
- Water recovery—up to 60%
- Salt rejection—90-98%+

WB U.S.A. WATER BUSINESS UNITED STATES OF AMERICA
www.WATERBUSINESS.com

760.744.4800
635 N. Twin Oaks Valley Rd., #19
San Marcos, CA 92069