

Skid Mounted

SKID MOUNTED UNITS

Water King's skid mounted units are on welded structural steel frames. Each is pre-piped, and pre-wired to customer specification, and factory tested prior to shipping. Standard wiring is galvanized steel conduit with a local area disconnect provided. The piping is supported on the skid with the steel tanks bolted directly to skid and fiberglass tanks strapped by stainless steel to angle iron brackets. The only field installation required is some simple plumbing connections to the manifold inlet and outlet with a drain and brine connection, electrical connection, and the loading of the skid using the pad eyes of skid. Any combination of twinplex, triplex, fourplex or more are built in our factory, crated and shipped to your project site with all documentation and certification.



Skid Mounted Potable
Water Pressurization Set
& Filters

Water King has built skid mounted water softening units for use in USA, Russia, Nigeria, France and other countries. Each system was custom manufactured to meet different customer specification and water quality requirements.

◆ **WATER KING** can meet the most stringent industrial specifications including oil field, food services, medical facilities, municipal water supply, and chemical plants. Call us to discuss your water system needs.



Skid Mounted-Stainless Steel Pipe-Insulated and
Heat traced. PLC Controlled

The unit to the left is a multi-functional skid with six vessels each with a junction box, two brine vessels, and one chlorination tank. This skid is automated by Water King's PLC-Centurion system control. The system has heat tracing around each pipe with fiberglass insulation and stainless steel cladding to protect the wiring and piping from the extreme cold temperatures encountered in the Caspian Sea.

CAT290.2

STANDARD FEATURES FOR RF SERIES

- ◆ Pre-Wiring is non-metallic flex conduit with disconnect and fuses.
- ◆ Pre-piped with support using Schedule 40 Galvanized Steel
- ◆ Pad eyes for lifting
- ◆ Hydro test using certified gauges. Standard is 1 hour at 100 psi
- ◆ Spun, Glazed Fiberglass Tanks are strapped to skid with Stainless Steel Straps
- ◆ Local area disconnect provided
- ◆ Skid is designed to support system only on corners. This eliminated the need for continuous foundation.
- ◆ Water King Blue Carboline High Build Epoxy coating.
- ◆ Pressure Gages and Test Tap Kits
- ◆ Bypass with manual valves
- ◆ Full electrical continuity test
- ◆ Full Functional test of system

STANDARD FEATURES FOR MF AND HF SERIES

- ◆ Carbon Steel Tanks bolted to skid
- ◆ Water King Blue Carboline High Build Epoxy coating
- ◆ Pre-piped with support using Schedule 40 Galvanized Steel
- ◆ Pre-Wiring is non-metallic flex conduit with disconnect and fuses.
- ◆ Pad eye lifts
- ◆ Exterior of tanks are painted white with the TNAME-Fascore 161 Epoxy Polyamide Coating
- ◆ Interior of Tanks are painted white Epoxy Polyamide Coating Pota-Pox 20
- ◆ Total system is Hydro-Tested
- ◆ Pressure gages and Test Tap Kits
- ◆ Furnished with piping bypass
- ◆ Local area disconnect supplied
- ◆ Skid is designed to support system only on corners. This eliminates the need for continuous foundation.
- ◆ Full electrical continuity test
- ◆ Full Functional test of system



Skid Mounted- Filters

SYSTEMS

- ◆ Softeners
- ◆ Potable Water
- ◆ UV
- ◆ Filters
- ◆ Chlorination
- ◆ Combination



Skid Mounted-Twin Alternating MF



Custom Built Crate for International Shipment

CUSTOMIZATION FOR ENVIRONMENT AND APPLICATION

- ◆ Freeze Protect
- ◆ Heat Protect
- ◆ Stainless Steel Pipe
- ◆ Special Paints
- ◆ Cladding and insulation
- ◆ Task Master™ and PLC - Centurion™

SHIPPING

- ◆ Domestic
- ◆ International
- ◆ Special Delivery

102 Charbonnet Road ◆ Duson, Louisiana 70529 ◆ 337 988 2360 ◆ Fax 337 981 7922
winfo@waterking.com ◆ Revised 06/04/06

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