

MINISKID



The **MINISKID™** is a smaller version of our Diamond Skid.

This economical purification system has everything needed to produce and deliver pure drinking water.

The system will work well for a small water store, bottling plant or as an add-on to an existing business. Due to the **MINISKID™** compact size, it takes up less floor space and will interface with additional compatible units to accommodate your everyday Business needs.



The **MINISKID™** is made to the highest standard for years of trouble free service, 24 hours a day!



3 fill, **FILLSTATION™** with built-in ozone bottle rinse.

Water Purification Process

STEP 1/2 —An activated carbon filter that removes chlorine, chloramines, solvents, lead, insecticides, gasses, and other harmful contaminants. Works as a water softener without the use of salt by drawing hardness particles together and crystallizing them. Includes an automatic backwashing system.

STEP 3 5 Micron Pre-Filter—Removes particles, sediment, and algae.

STEP 4 R.O. Pump—High pressure, stainless steel pump to boost water pressure to 160 lbs. for maximum membrane efficiency.

STEP 5 Reverse Osmosis Membrane—Water is forced through semipermeable, .0002 micron membrane, allowing only pure water molecules to pass.

STEP 6 Storage—Water is stored in FDA approved tanks.

STEP 7 Repressurized System—A 10 G.P.M. pressure pump assures constant water supply from storage tanks to post carbon filter, ultra-violet sterilizer, and faucets.

STEP 8 Prepressurized Tank—This repressurized tank assures a constant water supply to a high pressure pump, allowing uninterrupted operation.

STEP 9 Post-Carbon Filtration—Water travels through 4.5" x 20" Post Carbon, polishing it for exceptionally smooth taste.

STEP 10 Ultraviolet Sterilizer—12 G.P.M. 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—
Aluminum diamond plate base
- Pre-wired electrical panel
- Stainless steel booster pump
- R.O. level controls
- Auto backwash on pre-treatment
- Stainless steel jackets
- System pressure gauge
- Stainless steel membrane housings
- Pre-filter gauge
- Waste and recycle valves
- Product and waste flow meters
- Pressure pump – 12 G.P.M.
- Ultraviolet sterilization light – 12 G.P.M.
- All components and materials are either NSF / FDA / UL / ETL approved

OPTION

- Ozone generator

Model	Gal./liters per day	Dimensions	Weight
MS-1	1,500/5,625	60L x 24W x 64H	475 lbs.
MS-2	3,000/11,250	60L x 24W x 64H	500 lbs.



Specifications

- **Feed water:** Temperature: 35-85°
Pressure: 40-80 psi
Operating pressure: 160 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%+