

Four Stage RO System

RO-450

The RO-450 Reverse Osmosis System is designed to provide purified water where a filtration system is not adequate enough to do the job. Its compact design allows for installation where space is limited, yet powerful enough to deliver up to 50 gallons per day* of purified, crystal clear Reverse Osmosis water without the need of a booster pump or additional electronic components. The RO-450 includes four stages of water filtration; a 5 micron Sediment filter, a high quality dual stage Sediment/Carbon Block filter, a high production 50 gallon per day thin film Reverse Osmosis Membrane, and a carbon final polishing filter. The built-in automatic shut-off valve shuts down the RO production once the storage tank capacity has been reached; conserving water. The RO-450 System includes a built-in maintenance free flow restrictor so it won't be overlooked during installations. The RO-450 is available in several configurations; manifold with or without filters, providing flexibility to match your specific application.



Key Features

- ✓ Lightweight and powerful compact design
- ✓ 4 Stages of water filtration
- ✓ 97-98% Rejection of TDS
- ✓ Quarter Turn filters for mess-free sanitary system maintenance
- ✓ Built-in Automatic Shut off Valve shuts off water once storage tank is full
- ✓ Built-in Flow Restrictor
- ✓ Quick connect fittings for easy installation and maintenance
- ✓ NSF Compliant Components
- ✓ Ideal for water conditions where the TDS exceeds 350 PPM, Chlorides exceed 225 PPM, Hardness exceeds 4 grains, Nitrates exceed 10 PPM or if Fluoride is present.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

RO-450 Replacement Components:

Description	Function	Alternative to 3M SQC**
5 Micron Sediment Filter	Sand, Silt and Rust Reduction	47-55702G2
5 Micron Sediment/Carbon Filter	Sand, Silt, Rust, Chlorine Taste and Odor Reduction	47-55706G2
1/10,000 Micron 50GPD RO Membrane	TDS Reduction	66-4706G2
5 Micron Carbon Block Filter	Chlorine Taste and Odor and Sediment Reduction	47-55710G2

*Depending on water conditions

** 3M is a registered trademark of