



[Home](#) » [H2O To GO](#) » **H2O To GO RO-50 Reverse Osmosis System User Manual** 

H2O To GO RO-50 Reverse Osmosis System User Manual



User Manual

H2O to GO's RO-50 Reverse Osmosis System

3-Stage Home Water Filtration Unit

Contents [[hide](#)]

- [1 Introduction](#)
- [2 Product Overview](#)
- [3 System Components](#)
- [4 Installation Instructions](#)
- [5 System Operation](#)
- [6 Maintenance & Filter Replacement](#)
- [7 Troubleshooting](#)
- [8 Warranty & Support](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)

Introduction

Congratulations on your purchase of the **H2O to GO's RO-50 Reverse Osmosis System!** This advanced 3- stage RO system is designed to deliver high-quality, great-tasting water right in your home by removing up to 99% of contaminants, including lead, chlorine, sediment, and more. This manual will help you install, operate, and maintain

your system effectively.

Product Overview

The RO-50 is a **3-stage** under-sink reverse osmosis system designed for residential use. It provides clean drinking water through a multi-stage filtration process:

- **Stage 1:** Carbon Block Pre-Filter
- **Stage 2:** Carbon Block Post-Filter
- **Stage 3:** TFC Reverse Osmosis Membrane

Output Capacity: Up to 50 gallons per day (GPD)

Storage Tank: 3.2-gallon pressurized tank

Faucet Included: Yes, lead-free chrome faucet

Tubing: Color-coded for easy installation

System Components

Your RO-50 package includes:

- 1x RO-50 Filter System (Preassembled)
- 1x 3.2 Gallon Storage Tank
- 1x Chrome RO Faucet
- 1x Carbon Block Pre-Filter (Stage 1)
- 1x Carbon Block Post-Filter (Stage 2)
- 1x TFC RO Membrane (Stage 3)
- Color-coded Tubing (Red, Blue, White)
- Feed Water Adapter & Shut-off Valve
- Drain Saddle Clamp
- Tank Ball Valve
- Filter Housing Wrench
- User Manual

Installation Instructions

Tools Needed:

- Adjustable Wrench
- Phillips Screwdriver
- Drill (if mounting faucet)

⚠ If you're unsure about installation, we recommend hiring a licensed plumber.

Step-by-Step Guide:

1. Choose a Location

Under the kitchen sink is ideal. Ensure space for the filter unit and tank.

2. Install the Faucet

- o Drill a ½" hole in your sink or countertop.
- o Insert faucet, tighten nut, and connect blue tubing to faucet base.

3. Connect Feed Water Valve

- o Turn off cold water line.
- o Install feed water adapter between shut-off valve and cold water line.
- o Connect red tubing from adapter to system inlet.

4. Install Drain Clamp

- o Position on vertical sink drain pipe.
- o Drill a ¼" hole in the pipe at marked spot.
- o Attach clamp and connect black tubing from system.

5. Mount the RO System

- o Place system upright.
- o Use screws if wall mounting.

6. Connect Storage Tank

- o Wrap Teflon tape on tank stem.
- o Screw on tank valve.
- o Connect white tubing from system to tank valve.

7. Check Connections

- o Ensure all tubing is secure and color-coded correctly.
- o Slowly turn on water supply.

8. Flush the System

- o Allow the tank to fill (~2–3 hours).
- o Open RO faucet and let water run for 10–15 minutes.

- o Repeat this flush process twice before using.

System Operation

Once installed, the RO-50 operates automatically. When the tank is full, the system shuts off until water is drawn from the faucet. Expect ~50 GPD output, depending on water pressure and temperature.

Maintenance & Filter Replacement

Recommended Filter Change Schedule:

Filter Stage	Type	Change Every
Stage 1	Carbon Block Pre-Filter	12 months
Stage 2	Carbon Block Post-Filter	12 months
Stage 3	RO Membrane	2-5 years

Tip: Use the included housing wrench to remove filters easily.

Sanitizing the System (Annually Recommended):

1. Shut off water supply and tank valve.
2. Remove filters and RO membrane.
3. Add 1–2 tbsp of unscented bleach to Stage 1 housing.
4. Reassemble and flush system (without filters) for 15–20 minutes.
5. Rinse thoroughly and reinstall filters.

Troubleshooting

Problem	Possible Cause	Solution
Low Water Flow	Clogged filter or membrane	Replace filters/membrane
No Water from Faucet	Tank not pressurized	Check tank pressure (7–8 psi empty)
System Won't Stop Running	Faulty shut-off valve	Inspect valve or contact support
Leaks	Loose connections	Tighten tubing and fittings
Taste/Odor Issues	Expired filters	Replace filters

Warranty & Support

The **H2O to GO RO-50** system comes with a **1-year limited warranty** covering manufacturer defects. Filters are not covered under warranty.

Contact Us:


Phone: 1-[702-367-2100](tel:7023672100)

Email: h2otogo@h2otogo.net

Website: www.h2otogo.net

Thanks for choosing **H2O to GO!** Your clean water journey starts now.

Documents / Resources

	H2O To GO RO-50 Reverse Osmosis System [pdf] User Manual RO-50, RO-50 Reverse Osmosis System, RO-50, Reverse Osmosis System, Osmosis System, System
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References

- [User Manual](#)

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