



# User Manual

## H2O to GO's RO-50 Reverse Osmosis System

### 3-Stage Home Water Filtration Unit

---

## Table of Contents

1. Introduction
  2. Product Overview
  3. System Components
  4. Installation Instructions
  5. System Operation
  6. Maintenance & Filter Replacement
  7. Troubleshooting
  8. Warranty & Support
- 

## 1. 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.

---

## 2. 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

---

## 3. 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
- 

## 4. 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**
  - Drill a ½" hole in your sink or countertop.
  - Insert faucet, tighten nut, and connect blue tubing to faucet base.
3. **Connect Feed Water Valve**
  - Turn off cold water line.
  - Install feed water adapter between shut-off valve and cold water line.
  - Connect red tubing from adapter to system inlet.
4. **Install Drain Clamp**
  - Position on vertical sink drain pipe.
  - Drill a ¼" hole in the pipe at marked spot.
  - Attach clamp and connect black tubing from system.
5. **Mount the RO System**
  - Place system upright.

- Use screws if wall mounting.
  - 6. **Connect Storage Tank**
    - Wrap Teflon tape on tank stem.
    - Screw on tank valve.
    - Connect white tubing from system to tank valve.
  - 7. **Check Connections**
    - Ensure all tubing is secure and color-coded correctly.
    - Slowly turn on water supply.
  - 8. **Flush the System**
    - Allow the tank to fill (~2–3 hours).
    - Open RO faucet and let water run for 10–15 minutes.
    - Repeat this flush process twice before using.
- 

## 5. 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.

---

## 6. 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.
-

## 7. 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

---

## 8. 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

**Email:** [h2otogo@h2otogo.net](mailto:h2otogo@h2otogo.net)

**Website:** [www.h2otogo.net](http://www.h2otogo.net)

---

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