



Whirlpool WHAROS5 Installation And Operation Manual

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The Whirlpool logo, featuring a stylized swirl icon to the left of the word "Whirlpool" in a bold, sans-serif font, with a registered trademark symbol (®) to the upper right of the "l".

Model WHAROS5

How to install, operate
and maintain your
Reverse Osmosis
Water Filtration System

Do not return unit to store

If you have any questions or concerns when
installing, operating or maintaining your water
filtration system, call our toll free number:

1-866-986-3223

Monday-Friday, 7 AM - 6 PM CST or visit

whirlpoolwatersolutions.com

When you call, please be prepared to provide the model number and date code of your product, found on the rating decal on back.

System tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of chlorine taste and odor, and Standard 58 for the reduction of arsenic, barium, cadmium, chromium (hexavalent), chromium (trivalent), copper, cysts, lead, nitrate (as N), nitrite (as N), radium 226/228, selenium, turbidity and TDS.

Manufactured and warranted by

Ecodyne Water Systems

1890 Woodlane Drive

Woodbury, MN 55125

201-8402684 (Rev 02 3/18/16)

Whirlpool®



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Summary of Contents for Whirlpool WHAROS5

[Page 1](#) Model WHAROS5 How to install, operate and maintain your Reverse Osmosis Water Filtration System Do not return unit to store If you have any questions or concerns when installing, operating or maintaining your water filtration system, call our toll free number:...

[Page 2](#) DO NOT RETURN TO STORE Need Help? Call toll free at: 1-866-986-3223 7:00 a.m. - 6:00 p.m. CST M-F Assistance is available for: Missing or Broken Parts Items will be shipped at no charge Installation Operation Maintenance Warranty Any other questions you may have about your new system...

[Page 3](#) Things to remember! It will take time before water is available at the faucet. It may take 1-4 hours before maximum possible flow is available from the faucet. Water pressure from the Reverse Osmosis faucet will be less than your standard faucet due to the high level of filtration performed by the system.

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This warranty applies to consumer-owned installations only. ® / TM © 2015 Whirlpool. All rights reserved. Manufactured under license by Ecodyne Water Systems, Woodbury, Minnesota.

[Page 5: Specifications & Dimensions](#)

Specifications & Dimensions Supply water pressure limits40-100 psi (280-689 kPa)
Supply water temperature limits .

[Page 6: Performance Data](#)

Performance Data Reverse Osmosis Water Filtration System Model WHAROS5 IMPORTANT NOTICE: Read this performance data and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

[Page 7](#) Tannin 1.5 ±10% 0.25 Zinc Daily Production Rate Model WHAROS5: 18.46 gal./day (69.87 liters/day) Efficiency Rating Model WHAROS5: 12.22% Recovery Rating Model WHAROS5: 22.95% Milligrams per liter, which is equivalent to parts per million (PPM). Tested by NSF International according to NSF/ANSI Standard 58.

[Page 8: Arsenic Facts](#)

Performance Data ARSENIC FACTS Background Arsenic (abbreviated As) can occur naturally in well water. There are two forms of arsenic: pentavalent arsenic [also called As (V), As (+5), and arsenate] and trivalent arsenic [also called As (III), As (+3), and arsenite]. Although both forms are potentially harmful to human health, trivalent arsenic is considered more harmful than pentavalent arsenic.

[Page 9: Inspect Shipment](#)

Inspect Shipment Your Reverse Osmosis Water Filtration System is Keep the small parts in the parts bag until you are shipped complete in one carton. Remove all items ready to install them. from your shipping carton. NOTE: Codes in the state of Massachusetts require Check all items against the packing list below.

[Page 10: Plan Your Installation](#)

Plan Your Installation Read through the entire manual before beginning Drain Adaptor your installation. Follow all steps exactly. Reading for Reverse this manual will also help you get all the benefits Osmosis from your system. Waste Water Your Reverse Osmosis Water Filtration System can be installed under a sink or in a remote location.

[Page 11: Overview & Site Preparation](#)

Overview and Site Preparation OVERVIEW PREPARE SITE FOR INSTALLATION Read through the

entire manual before beginning your 1. Before starting, close the hot and cold water shutoff installation. valves (See Figure 6). There are seven steps to installing your Reverse 2.

[Page 12: Installation Instructions](#)

Step A - Install Cold Water Supply Fitting CHOOSE TYPE OF WATER FITTING TO INSTALL Check and comply with local plumbing codes as you plan, then install a cold water supply fitting. Refer to the Specifications page for supply water requirements. The fitting must provide a leak-tight connection to the RO 1/4"...

[Page 13: Step B - Install Reverse Osmosis Drain](#)

Step B - Install RO Drain Under Sink INTRODUCTION Single trap Double Trap A suitable drain point is needed for the drain water from the Reverse Osmosis Filter. You have two options to choose from: Drain • Install the Drain Adaptor included with your unit Adaptor See Fig 8, Fig.

[Page 14](#) Step B - Install RO Drain in Remote Location Outside Faucet (Hard Water) Outside Faucet BLUE Tubing (Hard Water) to Reverse Osmosis Faucet Soft, Cold Water Soft Water - Soft, Hot GREEN Tubing Water to Reverse Shutoff Osmosis System Valve Reverse Osmosis System Remote Installation...

[Page 15: Step C - Install Storage Tank](#)

Step C - Install Storage Tank INSTALL STORAGE TANK Tubing Connector Tank Tubing Insert Nipple 1. Apply Teflon tape (2 wraps clockwise) to the ® threads on the nipple at the top of the tank. See Fig Tubing Nut Teflon tape ®...

[Page 16: Step D - Install Reverse Osmosis Faucet](#)

Step D - Install RO Faucet (cont.) INSTALL REVERSE OSMOSIS FAUCET 1. Locate and organize your RO faucet install parts. Refer to Fig. 15. 2. Mount faucet base to sink hole until the faucet base is flat against the sink surface. The rubber gasket should be between the sink surface and the faucet base.

[Page 17: Step E - Connect Tubes](#)

Step E - Connect Tubes HOW TO CUT AND CONNECT THE TUBES Push-in Fitting Tube Your Reverse Osmosis system includes push-in fittings for quick tubing connection. Review the following instructions before connecting the tubes in the next step. Failure to follow these instructions may lead to future leaks.

[Page 18](#) Step E - Connect Tubes (cont.) NOTE: Codes in the state of Massachusetts require installation by a licensed plumber and do not permit the use of saddle valves. If you live in the state of Massachusetts, review plumbing code 248-CMR of the Commonwealth of Massachusetts before proceeding with the installation.

[Page 19: Step F - Sanitize, Pressure Test & Purge System](#)

Step F - Sanitize, Test and Purge System SANITIZE THE SYSTEM Sanitizing is recommended immediately after installation of the Reverse Osmosis system. It's also recommended after servicing inner parts. It is important that Yellow Tube the person installing or servicing the system have clean hands while handling inner parts of the system.

[Page 20](#) Step F - Sanitize, Test and Purge System (cont.) PRESSURE TEST THE SYSTEM Reverse Osmosis Kitchen Faucet NOTE: Complete the sanitizing procedures on the Faucet preceding page before pressure testing. To pressure test the system, complete the following steps. 1. Open the water supply valve to the Reverse Osmosis system.

[Page 21: How Your Reverse Osmosis System Works](#)

How Your RO Water System Works HOW YOUR REVERSE OSMOSIS SYSTEM Reverse Osmosis Faucet: The sink or countertop faucet has a hand operated knob to dispense drinking WORKS water. See Fig. 25. An air-gap is built into the faucet Introduction: Your Reverse Osmosis (RO) Water drain water connection to comply with plumbing Filtration System uses your household water pressure codes.

[Page 22](#) How Your RO Water System Works PRODUCT WATER FAUCET Air Gap PRODUCT WATER Gravity Drain DRAIN WATER Drain Flow AUTOMATIC Check Control SHUTOFF Valve WATER GREEN BLUE PRODUCT PREFILTER POSTFILTER WATER STORAGE MEMBRANE YELLOW

FIG. 25 Reverse Osmosis Water Flow Schematic Water Flow Description 1.

[Page 23: Maintenance](#)

Maintenance PREFILTER / POSTFILTER MAINTENANCE Register for reminders to change filters
NOTE: It is recommended to replace the battery, at whirlpoolwatersolutions.com prefilter and postfilter cartridges at least every 6 months of product water use. Replace more often if they begin to plug with sediment. REVERSE OSMOSIS CARTRIDGE REPLACE- The prefilter and postfilter are replaceable sediment MENT...

[Page 24](#) Maintenance DRAIN FLOW CONTROL The flow control is required for proper operation of the Reverse Osmosis system. See Fig. 27. The flow con- Flow Control trol, located inside the push-in elbow fitting on the Insert drain port of the Reverse Osmosis filter assembly, keeps water flowing through the membrane at the Push-in required rate.

[Page 25: Troubleshooting](#)

Troubleshooting Problem: Chlorine taste and/or odor in the RO product water. Cause: The level of chlorine in your water supply Correction: If the water supply contains more than 2.0 ppm of chlorine, exceeds maximum limits, and has destroyed additional filtering of the water supply to the Reverse Osmosis the Reverse Osmosis membrane.

[Page 26: Exploded View & Parts List](#)

Exploded View 1/4" red tubing To order repair parts call toll free 1-866-986-3223, Monday - Friday, 7 am - 6 pm CST. Manufactured and warranted by Ecodyne Water Systems 1890 Woodlane Drive Woodbury, MN 55125...

[Page 27: Parts List](#)

All sales in Iowa require the following signature before consummation of sale. These signatures must be retained by seller/renter for 2 years minimum. Buyer/Renter

_____	Date _____	Seller
_____	Date _____	Seller's
Address _____		Seller's
Phone No. _____		®
Product: Whirlpool Reverse Osmosis Water Filtration System - Model WHAROS5...		

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Wher25