



Whirlpool WHER25 Operation Manual

Reverse osmosis drinking water system

1

2

3

Table Of Contents

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18
19
20
21
22
23
24
25
26
27
28

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•

-

Troubleshooting

•

Bookmarks

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Quick Links

[1 Maintenance](#)

[2 Troubleshooting](#)

[Download this manual](#)



Model WHER25

How to install, operate
and maintain your

Reverse Osmosis

Drinking Water System

Do not return unit to store

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



1-866-986-3223

Monday-Friday, 8 AM - 7 PM EST or visit

www.whirlpoolwatertreatment.com

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

System tested and certified by NSF International against NSF/ANSI Standards 42 & 58.

See performance data on page 26 for details.

Manufactured and warranted by

Ecodyne Water Systems

1890 Woodlane Drive

Woodbury, MN 55125

7322259 (Rev L 11/21/14)

Product No. 8576162B



[Table of Contents](#)



[Next Page](#)

1
2
3
4
5

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Reverse osmosis drinking water system (24 pages)

[Water System Whirlpool 4373526 Installation Instructions](#)

Pure delivery water system (5 pages)

Summary of Contents for Whirlpool WHER25

[Page 1](#) Model WHER25 How to install, operate and maintain your Reverse Osmosis Drinking Water System Do not return unit to store If you have any questions or concerns when installing, operating or maintaining your reverse osmosis system, call our toll free number:...

[Page 2](#) DO NOT RETURN TO STORE NeedHelp? Calltollfreeat: 1-866-986-3223 8:00 a.m. - 7:00 p.m. EST 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](#) Thingstoremember! 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.

[Page 4: Table Of Contents](#)

TABLEOFCONTENTS Page Specifications & Dimensions5 Inspect Shipment .

[Page 5: Specifications & Dimensions](#)

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

Supply water temperature limits .

[Page 6: Inspect Shipment](#)

Inspect Shipment Your Reverse Osmosis Drinking Water 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. Note installation by a licensed plumber and do not per- any items lost or damaged in shipment.

[Page 7: Plan Your Installation](#)

Plan Your Installation Read through the entire manual before beginning
NOTE: For best system performance, the feed water your installation. Follow all steps exactly. Reading to the system should be softened or have hardness this manual will also help you get all the benefits less than 10 grains per gallon, with no iron. from your system. Your Reverse Osmosis Drinking Water System can Drain Adapter be installed under a sink or in a remote location. for Reverse Osmosis Typical remote sites are a laundry room or utility...

[Page 8: 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 Drinking Water 2. Temporarily place tank and filter assembly into system.

[Page 9: Installation Instructions](#)

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

[Page 10: 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 Adapter • Install the Drain Adapter included with your unit See Fig 7, Fig. 8, and Fig. 9. This is used in under the sink installations.

[Page 11](#) 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, Hot GREEN Tubing Soft water Water to Reverse to Reverse Shutoff Osmosis System Osmosis Valve System...

[Page 12: Step C - Install Reverse Osmosis Filter Assembly](#)

Step C - Install RO Filter Assembly Hanger INSTALL REVERSE OSMOSIS FILTER Washer (2) ASSEMBLY The Reverse Osmosis Filter Assembly is mounted on Screw (2) hanger washers. See Fig 12. The hanger washers allow you to lift the filter assembly from the washers without any hardware removal.

[Page 13: Step E - Install Reverse Osmosis Faucet](#)

Step E - Install RO Faucet SELECT LOCATION OF REVERSE OSMOSIS FAUCET MOUNTING HOLE You will need to select the location of the Reverse Osmosis Faucet. You have three options to choose from: • Use the existing sink top hole for the spray hose or soap dispenser (Must be 1-3/8" in diameter) • Drill a new hole in the sink • Drill a new hole in the countertop next to the sink 1. Determine where you are going to install your Reverse Osmosis Faucet.

[Page 14](#) Step E - 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 15: Step F - Connect Tubes](#)

Step F - Connect Tubes Push-in Fitting HOW TO CUT AND CONNECT THE TUBES Foam Plug 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 16 Step F - Connect Tubes (cont.) NOTE: Tubing length should allow for the removal of the assembly from the hanger washers for servicing. If tubing lengths are shortened for neater appearance, it may be necessary to keep the assembly on the hanger washers for service. NOTE: Codes in the state of Massachusetts require installation by a licensed plumber 3/8" BLACK and do not permit the use of saddle valves. Tubing Tee, Feed If you live in the state of Massachusetts, Adapter review plumbing code 248-CMR of the Commonwealth of Massachusetts before proceeding with the installation. Adapter HOT COLD Sink P-Trap Tubing Connector NOTE: Tube colors match collet colors. FIG. 23 Tube Connections ROUTE YELLOW TUBE TO STORAGE TANK CONNECT BLUE TUBE TO REVERSE OSMOSIS 1. Locate the yellow tube attached to the Reverse Osmosis ASSEMBLY filter assembly.

Page 17: Step G - Sanitize, Pressure Test & Purge System

Step G - 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 the person installing or servicing the system have clean hands while handling inner parts of the system.

Page 18 Step G - Sanitize, Test and Purge System (cont.) Reverse PRESSURE TEST THE SYSTEM 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. 2. Purge air from the house plumbing by opening several house faucets.

Page 19: How your reverse osmosis system works

How Your RO Water System Works Reverse Osmosis Faucet: The sink or countertop HOW YOUR REVERSE OSMOSIS SYSTEM faucet has a hand operated knob to dispense drinking WORKS water. See Fig. 26. An air-gap is built into the faucet Introduction: Your Reverse Osmosis (RO) Drinking drain water connection to comply with plumbing Water System uses your household water pressure to codes.

Page 20 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 YELLOW MEMBRANE FIG. 26 Reverse Osmosis Water Flow Schematic Water Flow Description 1. Water enters prefilter. Sand, silt and other sediments are reduced. Chlorine is also reduced. See Fig. 26. 2.

Page 21: Maintenance

Maintenance PREFILTER/POSTFILTER MAINTENANCE Register for reminder to change filters NOTE: It is recommended to replace the battery, at www.whirlpoolwatertreatment.com prefilter and postfilter cartridges at least every 6 months of product water use. Replace more often if they begin to plug with sediment. The prefilter and postfilter are replaceable sediment cartridges with activated carbon in their composition. See Fig. 27. You must periodically replace the prefilter Cover and postfilter cartridge. This will protect the RO membrane from being destroyed by chlorine.

Page 22 Maintenance FLOW CONTROL Flow Control The flow control is required for proper operation of the Insert Reverse Osmosis system. See Fig. 28. The flow control, located inside the push-in elbow fitting on the drain port of Push-in Elbow Fitting the system housing, keeps water flowing through the membrane at the required rate.

Page 23: 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 is needed.

Page 24: Exploded View & Parts List

Exploded View 1/4" red tubing 17 16 Monday- Friday, 8 AM - 7 PM EST Questions? Call Toll Free 1-866-986-3223 or visit www.whirlpoolwatertreatment.com When you call, please be prepared to provide the model, date code and serial number, found on the rating

decal, located inside the cover.

[Page 25](#) Parts List Part No. Description Part No. Description Mounting Hardware Kit WHEERF
Pre & Post Filter Cartridge ù - 7333129 (includes 2 ea. of Key Nos. 1 & 2) WHEERM RO
Membrane Cartridge ù Screw (2 req'd) á 7205326 Storage Tank Hanger Washer (2 req'd) á...

[Page 26: Performance Data](#)

Performance Data Reverse Osmosis Filter System Model WHER25 IMPORTANTNOTICE: 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 27](#) Performance Data PERFORMANCECLAIMSFORWHER25 NSFRequired NSFMax.Per -
Average Avg./Max. Avg./Min. InfluentChallenge missibleProduct Substance Influent Effluent
Percent Concentration WaterConcen - (mg/L) (mg/L) Reduction (mg/L) tration(mg/L) 0.30 ±10%
0.010 0.320 0.006 / 0.011 98.2 / 96.6 Arsenic (pentavalent) 10 ±10% 0.23 / 0.58 97.8 / 94.4
Barium 0.03 ±10%...

[Page 28](#) 2 years minimum. Buyer/Renter

_____ Date _____ Seller
_____ Date _____ Seller's
Address _____ Seller's
Phone No. _____ Model
WHER25 has been tested and certified by NSF ® International against NSF/ANSI Standard 42 for
the reduc- Product:Whirlpool ModelWHER25...