



Whirlpool WHER12 Installation And Operation Manual

Reverse osmosis drinking water system

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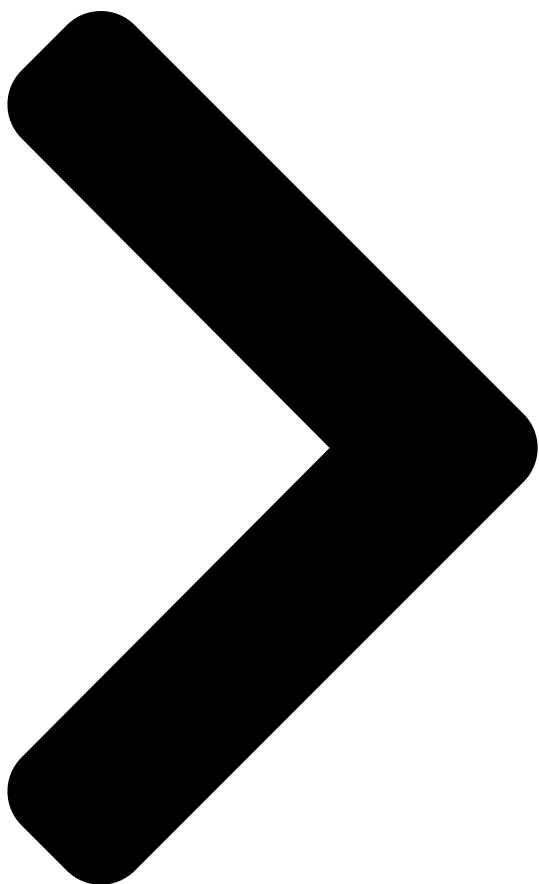
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TM

Model WHER12

Model WriER18

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

Do not return R.O. to store

If you have questions or concerns when
installing, operating or maintaining your
R.O. call our toll free number:

1-866-986-3223

Monday - Friday, 8 am - 9 pm EST

System tested and certified by NSF International
against NSF/ANSI Standard 58.
See performance
data sheet for details,
7263942 (Rev. D 8/18/04)
Product No. 8562920



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Related Manuals for Whirlpool WHER12

[Water System Whirlpool WHER25 Operation Manual](#)

Reverse osmosis drinking water system (28 pages)

[Water System Whirlpool WHES48 Installation & Operation Manual](#)

(29 pages)

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Undersink drinking water system (11 pages)

[Water System Whirlpool 4373526 Installation Instructions](#)

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Summary of Contents for Whirlpool WHER12

[Page 1](#) Model WHER12 Model WriER18 How to install, operate and maintain your Reverse Osmosis Drinking Water System Do not return R.O. to store If you have questions or concerns when installing, operating or maintaining your R.O. call our toll free number: 1-866-986-3223 Monday - Friday, 8 am - 9 pm EST System tested and certified by NSF International...

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[Page 3: Before You Start](#)

Before You Start For installations in the Commonwealth of Massachusetts: Installation by a licensed plumber is required. Plumbing code 248-CMR of the Commonwealth of Massachusetts must be used for installation. Read all steps and guides carefully before installing and using your reverse osmosis system. Follow all steps exactly to correctly install.

[Page 4: Inspect Shipment](#)

Inspect Shipment The parts required to assemble and install the reverse osmosis system are included in a parts bag, located inside the shipping carton. Water supply fitting Drain adaptor Hanger washers and screws Monitor RO product water faucet RO product water faucet (Model WriER12) (Model WHER18) (Model WriER 18)

[Page 5: Reverse Osmosis Information](#)

Reverse Osmosis Information The Reverse Osmosis (RO) Drinking Water System is a water treatment unit. It uses household water pressure to reverse a natural physical process called osmosis. Water, under pressure, is forced through a semi-permeable membrane where minerals and impurities are filtered out. Clean drinking water goes to the faucet or storage tank, while minerals and impurities are sent to the drain with Re waste water.

[Page 6: Faucet Electronics](#)

Faucet Electronics If so equipped, the Re system will monitor the total product flow of the reverse osmosis system and also length of time the filters have been installed. The faucet base has an indicator light that flashes to inform you of the status of the Re membrane and filters.

[Page 7: Reverse Osmosis Dimensions](#)

Reverse Osmosis Dimensions 13" 1 5" Plan the Installation Tools and Parts Needed Assemble the required tools before restarting installation. Read and follow the instructions provided with any tools listed here. • Pliers • Adjustable wrench • Larger adjustable jaw pliers • Pipe wrench

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[Page 8: Air Gap Requirements](#)

The RO assembly and storage tank is designed for installation under the sink, usually in the kitchen or bathroom. The RO assembly mounts on a wall surface, or can lay on the cabinet floor next to the storage tank. Hanger washers and wood screws are included for cabinet wall mounting. The RO product water faucet installs on the sink, or on the countertop next to the sink.

[Page 9: Installation](#)

Installation Install Cold Water Supply Fitting Check and comply with local plumbing codes as you plan, then install a cold feed (supply) water fitting. The fitting must provide a leak-tight connection to the RO 1/4" tubing. A typical connection using the cold water supply fitting...

[Page 10: Install Drain Adaptor](#)

Install Drain Adaptor Running the drain tubing directly to a floor drain, sump, standpipe, laundry tub is preferred. See "Air Gap Requirements" section. This can also help eliminate noise in the faucet. However, if that is not possible or practical, the drain adaptor (provided) installs in the sink drain pipe, always above or ahead of the p-trap.

[Page 11: Install Faucet](#)

Install Faucet Prepare mounting hole: Select one of the following places for the faucet. Be sure it will fit flat against the surface, and there is space underneath for tubing (see Figure 9). • Use an existing sink top hole for a spray hose or other faucet. A 1- 1/4" diameter hole is needed. •...

[Page 12](#) Assemble Faucet (Model WHER18): Slide the electronics ring onto the faucet stud. Route the 1/4" red tubing through the sink or countertop hole, connect to 1/4" barb on faucet. Route the 3/8" black tubing through the sink or the countertop hole, connect to 3/8" barb on faucet. Lower faucet and electronics ring into place on the countertop.

[Page 13: Install Ro Assembly](#)

Install RO Assembly Hang the assembly on the included hanger washers, or lay on the cabinet floor, as desired. Refer to Figure 8 for wall mounting. Hold the assembly up to the wall surface and mark locations for the hanger washers. Distance needed is 7.2"...

[Page 14: Sanitize, Pressure Test & Purge](#)

RO product water faucet RO product water faucet (Model WHER12) (Model WHER18) water supply fitting telephone style extension 3red models adaptor only) COLD sink p-trap tubing adaptor yellow coillet Prefilter Post filter membrane Figure 9 Sanitize, Pressure Test & Purge Sanitize: NOTE: Sanitizing...

[Page 15](#) Flush the prefilter sump with fresh water, if needed to clean. Next, fill with water to about 1" from the top. Add 2 tablespoons of household bleach to water in sump. Do not add chlorine first. Concentrated, chlorine could attack plastics.

[Page 16: Routine Maintenance](#)

Routine Maintenance To keep your reverse osmosis system operating and producing high quality water, you must make sure supply water is always within the limits shown in the specifications. Good supply water helps to assure longer life from the RO membrane cartridge, prefilter and postfilter cartridges. However, each of these will wear out in time and need replacement.

[Page 17: Ro Membrane Cartridge](#)

(2) mounting washers (2) prefilter cartridge (cartridge o-ring seals on this end) RO Cartridge (cartridge o-ring seals on this end) o-ring seal postfilter cartridge (cartridge o-ring seals on this end) sump Turn sumps in the direction of the arrow to remove. Turn opposite way to install and tighten.

[Page 18: Flow Control](#)

Flow Control The flow control is vital for proper operation of the RO membrane cartridge. The control keeps water flow through the membrane at the needed rate to obtain the best quality

product water. Periodically check the flow control to be sure the small hole through it is clean and unrestricted. o-ring seal drain port tow (contro!)

[Page 19: Automatic Shutoff](#)

Changing Collet and O-ring: With a small screwdriver remove the collet and o-ring from the fitting. Be careful not to scratch the internal walls of the collet port. Be sure the port is clean, then lubricate and insert the o-ring seal to the bottom of the port. Push the collet inward until it locks in place.

[Page 20: Troubleshooting Guide](#)

Troubleshooting Guide REVERSE OSMOSIS SYSTEM CARE GUIDE MODEL NOs. WHER12 and WHER18 1, AT LEAST every 6 months, replace the prefilter and postfilter cartridges or when yellow LED flashes. 2. Replace the RO membrane cartridge when the percent rejection of total dissolved solids (TDS) is less than shown in the specifications (see B, below) or when red LED flashes.

[Page 21: Specifications](#)

Specifications Water Specifications WHER12 WHER18 Metric Supply water pressure limits 40 - 100 psi 40 - 100 psi 280 - 690 kPa Supply water temperature limits 40 - 100 °F 40 - 100 °F 5 - 40°C Maximum total dissolved solids (TDS) 2000 ppm 2000 ppm Maximum water hardness t_i...

[Page 22: Repair Parts](#)

Repair Parts Manifold Housing PUSH - IN FITTINGS 25-_, 1/4" 3/8" r-m-1 23s t 22 J@...

[Page 23](#) Repair Parts Part Description Part Description 7221128 Sump (3 req.) 7205326 Storage Tank 7223633 O-Ring, 2-1/4" x 2-1/2" (3 req.) 7251034 Connector, 1/4 NPT x 3/8 Tube 7208489 Drain Adapter 9006062 Screw (2 req.) 7227310 Tce, Feed Adaptor 9041700 Hanger Washer (2 req.) 7271319 Faucet, Model WIIERI2 7234210...

[Page 24: Product Schematic](#)

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This manual is also suitable for:

WHER18