



Whirlpool WHES40 Installation And Operation Manual

Demand controlled water softener

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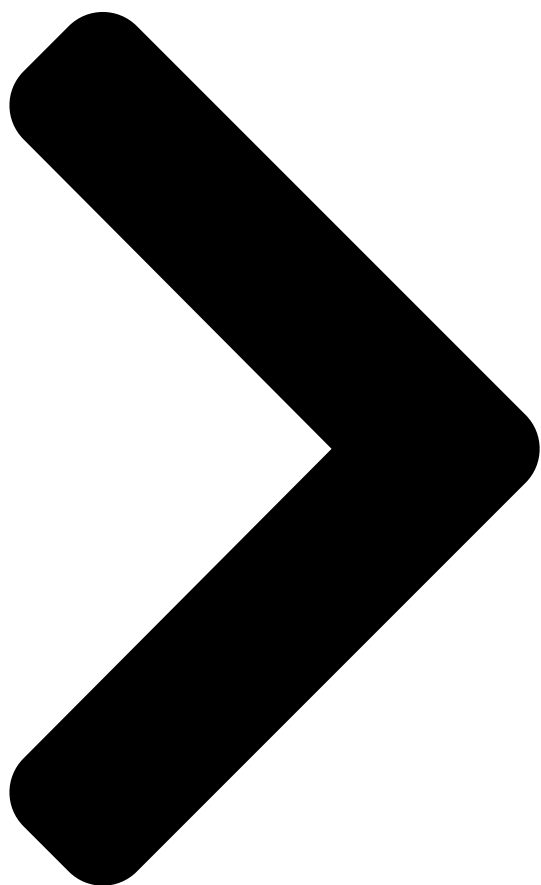
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See also: [Performance Data Sheet](#) , [Operation & Installation Manual](#)



Model WHES40
Model WHES44
Whirlpool[®]
HOME APPLIANCES
How to install, operate
and maintain your Demand
Controlled Water Softener

Do not return water softener to store

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



1-866-986-3223

Monday-Friday, 9 AM - 7 PM EST or visit

www.ecodynewater.com

When you call, please be prepared to provide the model and serial number of your product found on the rating decal, typically located on the rim below the salt lid hinges.

Systems tested and certified by NSF International against NSF/ANSI Standard 44

for hardness reduction and efficiency, and certified to NSF/ANSI Standard 372.

Systems tested and certified by the Water Quality Association against CSA B483.1.

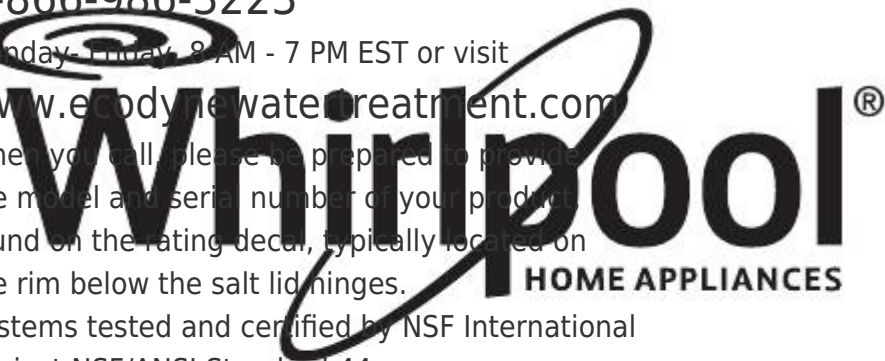
Manufactured and warranted by

Ecodyne Water Systems

1890 Woodlane Drive

Woodbury, MN 55125

7335139 (Rev. D 10/18/12)



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Related Manuals for Whirlpool WHES40

[Water Dispenser Whirlpool WHES40 Installation And Operation Manual](#)

Demand controlled water softener (36 pages)

[Water Dispenser Whirlpool WHES44 Installation And Operation Manual](#)

(28 pages)

[Water Dispenser Whirlpool WHES20 Installation And Operation Manual](#)

Demand controlled water softener (27 pages)

[Water Dispenser Whirlpool WHES40 Installation And Operation Manual](#)

(19 pages)

[Whirlpool WHES40 \(LL40\), WHES44 \(LL44\) - Water Softener Manual](#)

(article)

[Water Dispenser Whirlpool WHES40 Performance Data Sheet](#)

Demand control softener (1 page)

[Water Dispenser WHIRLPOOL WHES20 Installation And Operation Manual](#)

Demand controlled water softener (40 pages)

[Water Dispenser Whirlpool WHES33 Installation And Operation Manual](#)

Demand controlled water softener (28 pages)

[Whirlpool WHER25 Reverse Osmosis Manual](#)

(article)

[Water Dispenser Whirlpool WHES48 Datasheet](#)

Demand control water softener performance data sheet (1 page)

[Water Dispenser Whirlpool WHES48 Installation And Operation Manual](#)

(29 pages)

[Water Dispenser Whirlpool WHES48 Installation And Operation Manual](#)

Demand controlled water softener (24 pages)

[Water Dispenser Whirlpool WHED20 Datasheet](#)

Drinking water filter (2 pages)

[Water Dispenser Whirlpool WHES45 Installation And Operation Manual](#)

Demand controlled water softener (35 pages)

[Water Dispenser Whirlpool WHESCS Installation And Operation Manual](#)

Demand controlled water softener (26 pages)

[Water Dispenser Whirlpool WHES Series Installation Instructions Manual](#)

Demand controlled water softener (25 pages)

Summary of Contents for Whirlpool WHES40

[Page 1](#) Model WHES40 Model WHES44 How to install, operate and maintain your Demand Controlled Water Softener Do not return water softener to store If you have any questions or concerns when installing, operating or maintaining your water softener, call our toll free number:...

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TABLE OF CONTENTS Page Specifications & Performance Claims3 Water Softener Safety

[Page 3: Specifications & Performance Claims](#)

Operational efficiency is the actual efficiency after the system has been installed. It is typically less than the rated efficiency, due to individual application factors including water hardness, water usage, and other contaminants that reduce a softener's capacity. Model WHES40 Model WHES44 Model Code...

[Page 4: Water Softener Safety](#)

Water Softener Safety Your safety and the safety of others are very important. We have provided many safety messages in this manual and on your appliance. Always read and obey all safety messages. This is the safety alert symbol. This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either the word "DANGER"...

[Page 5: Inspect Shipment](#)

Inspect Shipment The parts required to assemble and install the water Remove and discard (or recycle) all packing materials. softener are included with the unit. Thoroughly check To avoid loss of small parts, we suggest you keep the the water softener for possible shipping damage and small parts in the parts bag until you are ready to use parts loss.

[Page 6: Installation Requirements](#)

Installation Requirements LOCATION REQUIREMENTS PLUMBING CODES Consider all of the following when selecting an installa- All plumbing must be completed in accordance with tion location for the water softener. national, state and local plumbing codes. = Do not locate the water softener where freezing In the state of Massachusetts: The Commonwealth temperatures occur.

[Page 7: Installation Requirements](#)

Installation Requirements VALVE DRAIN REQUIREMENTS 1/4" NPT Thread Barbs for 3/8" Using the flexible drain hose (included), measure and I.D. Tubing cut to the length needed. Flexible drain hose is not Hose Clamp allowed in all localities (check your plumbing codes). If local codes do not allow use of a flexible drain hose, a Drain Hose rigid valve drain run must be used.

[Page 8: Dimensions](#)

Dimensions 19" 3-3/4" 18" IN - OUT 47-7/8" 41-1/2" 39-1/2" FIG. 8 Installation Instructions TYPICAL INSTALLATION Ground Hard Water Conditioned Clamp Water To Outside Faucets Pipe Ground Clips Water Softener 1" NPT Sweat Clamp Valve Adaptor (not Plug-in included) Transformer 1"...

[Page 9](#) Installation Instructions TURN OFF WATER SUPPLY Nozzle Top Cover Venturi Brine Tank 1. Close the main water supply valve, located near the Assembly Overflow well pump or water meter. Elbow Nut - 2. Open all faucets to drain all water from house pipes. Ferrule NOTE: Be sure not to drain water from the water Salt...

[Page 10](#) Installation Instructions COMPLETE INLET AND OUTLET PLUMBING Measure, cut, and loosely assemble pipe and fittings from the main water pipe to the inlet and outlet ports of the water softener valve. Be sure to keep fittings fully together, and pipes squared and straight. Be sure hard water supply pipe goes to the water sof- Electrical Shock Hazard tender valve inlet side.

[Page 11: Plug/Sanitize The Water Softener](#)

Installation Instructions TEST FOR LEAKS ADD WATER AND SALT TO THE SALT STORAGE TANK To prevent air pressure in the water softener and plumbing system, complete the following steps in order: 1. Fully open two or more softened cold water faucets Excessive Weight Hazard close to the water softener, located downstream Use two or more people to move and lift salt...

[Page 12: Programming The Water Softener](#)

"25" and the word "HARDNESS". When the transformer is plugged into the electrical outlet, the model code ("LL40" for Model WHES40 or "LL44" for Model WHES44) and a test number (example: J3.0), are briefly shown in the display. Then the words "CURRENT TIME"...

[Page 13: Programming The Water Softener](#)

Programming the Water Softener continued from previous page Salt Type allows you to choose between sodium chloride (NaCl), which is regular softener salt, or potassium chloride (KCl), which is an alternative to sodium chloride. Press the UP or DOWN buttons to set your water hardness number.

[Page 14: Recharge](#)

Customizing Features / Options RECHARGE SET SALT LEVEL The RECHARGE button is used to initiate an immediate recharge. The water softener has a salt monitor indicator light to remind you to add salt to the storage tank. 1. Press and hold the RECHARGE button until the NOTE: You must set salt level each time salt is added words "RECHARGE", "SERVICE"...

[Page 15: Power Outage Memory](#)

Customizing Features / Options POWER OUTAGE MEMORY SALT EFFICIENCY If electrical power to the water softener is lost, "memory" When this feature is ON, the water softener will operate at salt efficiencies of 4000 grains of hardness per for several hours.

[Page 16: Customizing Features / Options](#)

Customizing Features / Options CLEAN / CLEAR WATER IRON REDUCTION MAXIMUM DAYS BETWEEN REGENERATIONS This feature is beneficial on water supplies containing ferrous (clear water) iron. The default setting is OFF. The water softener automatically controls regeneration frequency. When this feature is set to ON, an additional backwash cycle is required.

[Page 17: Adding Salt](#)

Routine Maintenance ADDING SALT CLEANING THE NOZZLE & VENTURI Lift the salt lid and check the salt storage level frequently. A clean nozzle & venturi (See Figure 33) is a necessity. If the water softener uses all the salt before for the water softener to work properly.

[Page 18: Troubleshooting](#)

6. Press and hold the PROGRAM button until the water model code ("LL40" for Model WHES40 or "LL44" softener through the regeneration cycles to check for Model WHES44) shows in the display. This operation.

[Page 19](#) Troubleshooting RESETTING TO FACTORY DEFAULTS 2. After observing fill, press the RECHARGE button to move the softener's valve into the brine position. A To reset the electronic controller to its factory default slow flow of water to the drain will begin. Verify for all settings (time, hardness, etc.): brine draw from the brine tank by shining a flashlight into the brinewell and observing a noticeable...

[Page 20: Exploded View & Parts List](#)

Softener Exploded View Valve Assembly See Pages 22 & 23 for parts...

[Page 21](#) Part No. Description Distributor O-Ring Kit 7262661 Salt Lid (order decal below) - 7112963 (includes Key Nos. 1-3) 7297658 Instruction Decal, Model WHES40 O-Ring, 2-7/8" x 3-1/4" á 7335870 Instruction Decal, Model WHES44 á O-Ring, 13/16" x 1-1/16" 7296416 Vapor Barrier O-Ring, 2-3/4"...

[Page 22](#) Valve Exploded View wear-strip seal cross-section view...

[Page 23](#) Valve Parts List Part No. Description Part No. Description Turbine & Support Assembly 7224087 Screw, #8-32 x 1" (2 req.) - 7290931 (includes 1 ea. of Key Nos. 124, 125 7286039 Motor (incl. 2 ea. of Key No. 100) & 2 ea. of Key No. 123) 7231393 Motor Plate Turbine Support &...

[Page 24: Warranty](#)

The factory warranty for your water softener is shown below. The one year full warranty period on parts and labor can be extended to two years from the date of purchase if you use Whirlpool™ WHE-WSC Water Softener Cleanser on your system. Use one bottle of Whirlpool™ WHE-WSC Water Softener Cleanser, as directed, every four months from the date of purchase of

the water softener.

This manual is also suitable for:

[Whes44L40L44](#)