



Whirlpool WHES48 Installation And Operation Manual

Demand controlled water softener

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Troubleshooting

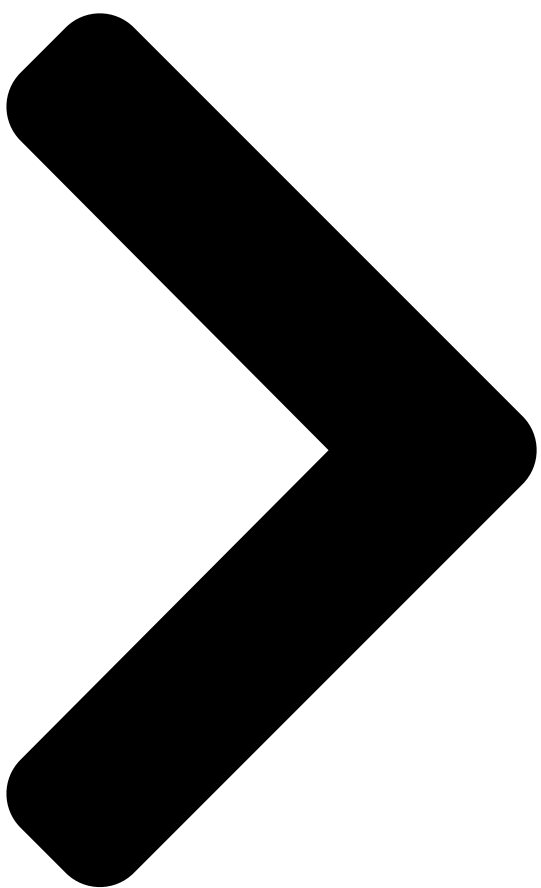
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Model WHES48

How to install, operate
and maintain your Demand
Controlled Water Softener

Whirlpool



See warranty page for
extended warranty details.

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

1-866-961-3333

whirlpoolwatersolutions.com

or visit

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.

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

for hardness reduction and efficiency,

and certified to NSF/ANSI Standard 372.

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

®

Manufactured and warranted by

Water Channel Partners

1890 Woodlane Drive

Woodbury

7368611

Whirlpool



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

(29 pages)

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Demand controlled water softener (28 pages)

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Demand control water softener performance data sheet (1 page)

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

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Demand controlled water softener (25 pages)

[Water Dispenser Whirlpool WHES3T Installation And Operation Manual](#)

Demand controlled water softener (24 pages)

Summary of Contents for Whirlpool WHES48

[Page 1](#) CLICK ANYWHERE on THIS PAGE to RETURN to WHIRLPOOL WATER SOFTENERS & CONDITIONERS at InspectApedia.com ® Model WHES48 How to install, operate and maintain your Demand Controlled Water Softener PRODUCT REGISTRATION AND WARRANTY EXTENSION Please register your product on whirlpoolwatersolutions.com See warranty page for extended warranty details.

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[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 WHES48 Model Code LL48 14,200 @ 2.8 lbs.

[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 the loss of small parts, we suggest you keep the water softener for possible shipping damage and the small parts in the parts bag until you are ready to parts loss.

[Page 6: Installation Requirements](#)

Installation Requirements LOCATION REQUIREMENTS PLUMBING CODES Consider all of the following when selecting an All plumbing must be completed in accordance with installation 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 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 the use of a flexible drain Drain Hose hose, a 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 Hard Water Conditioned Water To Outside Faucets Pipe Clips Water Softener 1" NPT Sweat Valve Adaptor (not included) 1" NPT Controller Threaded Adaptor Outlet Plug-in O-ring Power...

[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 Electrical Shock Hazard softener valve inlet side.

[Page 11](#) 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](#)

DOWN buttons to set the start up or the last reset. This is a reminder to use present time. Up moves the display ahead; down Whirlpool WHE-WSC Water Softener Cleanser sets the time

back. Be sure AM or PM is correct.

[Page 13](#) Programming the Water Softener KCI should be used in accordance with the following steps to help give you years of maintenance free service. Place only one bag at a time of KCI into your softener (the salt storage tank should contain no more than 60 FIG.

[Page 14: Customizing Features / Options](#)

Customizing Features / Options RECHARGE SET SALT LEVEL The RECHARGE button is used to initiate an The water softener has a salt monitor indicator light to immediate recharge. 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](#) Customizing Features / Options SALT EFFICIENCY CLEAN / CLEAR WATER IRON REDUCTION When this feature is ON, the water softener will This feature is beneficial on water supplies containing operate at salt efficiencies of 4000 grains of hardness ferrous (clear water) iron. The default setting is OFF. When this feature is set to ON, an additional back- per pound of salt or higher (May recharge more often using smaller salt dosage and less water).

[Page 16: Routine Maintenance](#)

Lift the brinewell cover and pour in the entire 16 oz. water faucet immediately downstream of the softener bottle of Whirlpool Water Softener Cleanser. Press ® until water tastes, smells, and appears normal.

[Page 17](#) Routine Maintenance ADDING SALT CLEANING THE NOZZLE & VENTURI Lift the salt lid and check the salt storage level A clean nozzle & venturi (See Figure 34) is a necessity frequently. If the water softener uses all the salt for the water softener to work properly. This small before you refill it, you will experience hard water.

[Page 18: Troubleshooting](#)

Troubleshooting AUTOMATIC ELECTRONIC DIAGNOSTICS 3. Symbols in the display indicate POSITION switch operation (See Figure 36). This water softener has a self-diagnostic function for the electrical system (except input power and/or water meter). The water softener monitors electronic components and circuits for correct operation. If a malfunction occurs, an error code appears in the display.

[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...

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

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

[Page 21](#) Softener Parts List Part No. Description Part No. Description Distributor O-Ring Kit 7332131 Salt Lid (order decal below) – 7112963 (includes Key Nos. 1-3) 7385605 Instruction Decal O-Ring, 2-7/8" x 3-1/4" 7305299 O-Ring, 13/16" x 1-1/16" 7335901 Cover, Brinewell O-Ring, 2-3/4" x 3" Brinewell Assembly 7137824 7077870...

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

[Page 23](#) Valve Parts List Part No. Description Part No. Description Motor, Cam & Gear Kit, 1" 7337597 O-Ring, 1-1/16" x 1-5/16", pack of 4 – 7384691 (includes Key Nos. 100-102) Turbine & Support Assembly, Motor – 7290931 including 2 O-Rings (See Key No. 123) &...

[Page 24: Warranty](#)

® The factory warranty for your water softener is shown below. The two year full warranty period on parts and labor can be extended to ten (10) years from the date of purchase if you use Whirlpool WHE-WSC Water Softener ®...

