

# ultra<sup>max</sup>™

## With 860 Control

Water Conditioning Control System

Installation, Operation and Maintenance Manual

Models:

UM-8100

UM-8150

UM-8200



This system is Certified by the Water Quality Association to NSF/ANS 44 and CSA B483.1 for the specific performance claims as verified and substantiated by test data.

Manufactured by:



Good Water Warehouse Inc.

1700 E. Walnut Ave Fullerton, CA. 92831

TEL: (714) 441-2893 FAX: (714) 441-0525



**SOFTENERS ARE NOT INTENDED TO BE USED FOR TREATING WATER THAT IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM.**

# Performance Data Sheet

## UM-8100

Rated Flow Rate	11.0 gpm
Pressure Drop at Rated Flow Rate	13 psi
Rated Softening Capacity	18,100 grains @ 3.300 lbs. of salt 26,000 grains @ 9 lbs. of salt 33,000 grains @ 15 lbs. of salt
Min. – Max. Working Pressure	20 – 120 psi
Min. - Max. Operating Temperature	34 – 100 °F
Maximum Flow Rate to Drain During Regeneration Cycle	5.2 gpm
Efficiency Rating	5,500 grains/lb of salt
Efficiency Rated Salt Setting	3.300 lbs.
Efficiency Rated Capacity	18,100 grains
Max service flow rate	12 gpm
Quantity of Resin	1 cu. ft.
Water consumption during regeneration	55.6 gallons



This softener conforms to NSF/ANSI 44 Standard for the specific performance claims as verified and substantiated by test data. An efficiency rated water softener is a DIR softener, which also complies with specific performance specifications intended to minimize the amount of regenerant brine and water used in its operation. Efficiency of the softener is valid only at the stated salt dosage. Efficiency rated softeners shall have a rated salt efficiency of not less than 3350 grains of total hardness exchange per pound of salt (based on NaCl equivalency), and shall not deliver more salt than its listed rating. The type of salt recommended is sodium chloride, specifically formulated for water conditioning units. Efficiency is measured by a laboratory test described as NSF/ANSI 44 Standard. The test represents the maximum possible efficiency that the system can achieve. Operational efficiency is the actual efficiency achieved after the system has been installed. It is typically less than the efficiency due to individual application factors including water hardness, water usage, and other contaminants that reduce the softener's capacity. System testing utilized sodium chloride regenerant specifically formulated for water conditioning units. The softener is not intended for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Please see service manual for user responsibility, parts and service availability, any further restrictions, or limitations to the use of this product.

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The warranty information is located in the manual



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# Performance Data Sheet

## UM-8150

Rated Flow Rate	12.5 gpm
Pressure Drop at Rated Flow Rate	15 psi
Rated Softening Capacity	27,100 grains @ 7.95 lbs. of salt 39,000 grains @ 13.5 lbs. of salt 49,500 grains @ 22.5 lbs. of salt
Min. – Max. Working Pressure	20 – 120 psi
Min. - Max. Operating Temperature	34 – 100 °F
Maximum Flow Rate to Drain During Regeneration Cycle	5.2 gpm
Efficiency Rating	5,500 grains/lb of salt
Efficiency Rated Salt Setting	7.95 lbs.
Efficiency Rated Capacity	27,100 grains
Max service flow rate	12.5 gpm
Quantity of Resin	1.5 cu. ft.
Water consumption during regeneration	56.6 gallons



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# Performance Data Sheet

## UM-8200

Rated Flow Rate	15.0 gpm
Pressure Drop at Rated Flow Rate	14.4 psi
Rated Softening Capacity	36,100 grains @ 6.6 lbs. of salt 51,900 grains @ 18.0 lbs. of salt 66,000 grains @ 30 lbs. of salt
Min. – Max. Working Pressure	20 – 120 psi
Min. - Max. Operating Temperature	34 – 100 °F
Maximum Flow Rate to Drain During Regeneration Cycle	5.2 gpm
Efficiency Rating	5,500 grains/pound of salt
Efficiency Rated Salt Setting	6.6 lbs.
Efficiency Rated Capacity	36,100 grains
Max service flow rate	15 gpm
Quantity of Resin	2 cu. ft.
Water consumption during regeneration	80.3 gallons



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8000 Series

## Limited Lifetime Warranty

*Good Water Warehouse, Inc. ("GWW")*

For the lifetime of the original purchaser, at the original residential place of installation of this **UltraMax** Water Conditioner, or at a new or different location, providing an **UltraMax** dealer removes and reinstalls said system, **GWW** warrants the following:

### LIFETIME WARRANTY

- Resin (Media) Tank
- Salt (Brine) Tank
- Ion Exchange Resin
- Control Valve Body

Free of all costs to you except transportation and labor charges, we warrant that we will replace or repair the fiberglass resin (media) tank, polyethylene salt (brine) tank, the high capacity ion exchange resin, and valve body, if for any reason it is found to be defective, because of faulty materials or workmanship.

### SEVEN YEAR WARRANTY

- Electronics
- Valves
- All Other Parts

We warrant that for seven (7) years from the date of installation, we will replace any part not listed above at no charge to you except for transportation and standard labor charges.

### GENERAL PROVISIONS

This warranty does not apply to any commercial or industrial installations or to any part of the water conditioner which has been subjected to misuse, neglect, alteration or accident; or to any damage caused by fire, flood, freezing, Acts of God, or any other casualty, or if said water conditioner is moved by anyone other than an **UltraMax** dealer, or if the original serial numbers have been removed. Fouling or damage to the resin caused by iron, sulfur, bacterial iron, silt, sand, tannins, organics, bacteria, or chlorine voids the warranty on the resin.

These warranties are in lieu of all other warranties expressed or implied, and we do not authorize any person to assume for us any other obligation on the sale of this water conditioner. No responsibility is assumed for delays or failure to meet these warranties caused by strike, government regulations or other circumstances beyond the control of **GWW**.

ANY IMPLIED WARRANTIES OF FITNESS OR MERCHANTABILITY ARE LIMITED TO THE TERMS OF THIS EXPRESSED WARRANTY AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE HEREIN. THE SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

THIS WARRANTY MAY BE TRANSFERRED TO A SUBSEQUENT OWNER WITH WRITTEN APPROVAL OF **GWW** AND PAYMENT OF STANDARD TRANSFER FEE.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Model \_\_\_\_\_  
Serial \_\_\_\_\_



**Good Water Warehouse, Inc.**

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