



## Demand Control Softener Performance Data Sheet

MODEL	WHES40
Rated Service Flow Rate (gpm)	8.5
Pressure Drop at Rated Service Flow Rate (psi)	11.0
Rated Softening Capacity (Grains @ Salt Dose)	11,900 @ 2.4 lbs 31,600 @ 9.0 lbs 40,000 @ 15.5 lbs
Rated Efficiency (Grains/Pound of Salt @ Minimum Salt Dose)	4,970 @ 2.4 lbs
Min.-Max. Working Pressure (psi)	20-125
Min.-Max. Operating Temperature (°F)	40-120
Max. Flow Rate (gpm) to Drain During Regeneration Cycle	2.0

This softener conforms to NSF/ANSI 44 for the specific performance claims as verified and substantiated by test data. This model is efficiency rated. The efficiency rating is valid only at the stated salt dose. It has a demand initiated regeneration (D.I.R.) feature that complies with specific performance specifications intended to minimize the amount of regenerant brine and water used in their operation. This softener has a rated softener efficiency of not less than 3,350 grains of total hardness exchange per pound of salt (based on sodium chloride) and shall not deliver more salt or be operated at a sustained maximum service flow rate greater than its listed rating. The rated salt efficiency is measured by laboratory tests described in NSF/ANSI Standard 44. These tests represent the maximum possible efficiency that the systems can achieve. Operational efficiency is the actual efficiency 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.

**IMPORTANT: Consult Installation and Operation Manual for California efficiency requirements.** This system is not intended for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. For best results use clean grades of water softener salt. Refer to Installation and Operation Manual for warranty or further details on installation and maintenance, user's responsibility, parts and service, and any further restrictions, or limitations to the use of the product.

Manufactured and warranted by Ecodyne Water Systems  
1890 Woodlane Drive  
Woodbury, MN 55125  
1-866-986-3223

System tested and certified by NSF  
International NSF/ANSI Standard 44  
for hardness reduction and efficiency.



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



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