



## Performance Data Sheet

Culligan knows the more informed you are about your water treatment systems, the more confident you will be about its performance. It's because of this and more than seventy years of commitment to customer satisfaction that Culligan is providing this Performance Data Sheet to its customers.

**IMPORTANT NOTICE:** Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

**MANUFACTURER:** Culligan International Company,  
9399 W. Higgins Rd., Suite 1100, Rosemont, IL 60018 USA  
1-800-CULLIGAN or 1-847-430-2800

**PRODUCT:** Culligan Medallist Plus Series® 45 Water Softener  
with Soft-Minder® Meter

### TESTING CONDITIONS & RESULTS:

Flow Rate:	9.4 gpm @ 15 psi	Capacity:	26,770 grains @ 6.0 lb. salt
Pressure:	30 - 40 psi		38,830 grains @ 12.0 lb. salt
Acidity:	Non-Corrosive		45,943 grains @ 18.0 lb. salt
Temperature:	68°F (20°C)	Efficiency Rated Dosage**:	4,461 gr./lb.
pH:	7.6		



### SOFTENER SPECIFICATIONS:

Maximum Flow Rate: 9.4 gpm (35.5 Lpm)	Pressure Drop at Maximum Flow Rate: 15 psi (109 kPa)
Operating Temperature Range: 33 - 120°F (1 - 50°C)	Maximum Drain Flow Rate: 1.6 gpm (6.1 Lpm)
Oper. Press. Range: 20-125 psi (140-860 kPa)	Oper. Press. Range (Canada): 20-90 psi (140-620 kPa)

Name of Substance	USEPA Maximum Contaminant Level	pH	Flow Rate	Pressure
Barium	2.0 mg/L	7.5 + 0.5	9.4 gpm	15 (psig)
Radium 226/228	5 pCi/L	7.5 + 0.5	9.4 gpm	15 (psig)

This system is certified for barium and radium 226/228 reduction based on hardness reduction. It is recommended you test your water every 6 months to ensure the system is performing properly and that hardness, and therefore barium and radium 226/228, are being reduced. Hardness test strips have been included. Additional strips are available from your local Culligan dealer.

The Culligan Medallist Plus Series® 45 Water Softeners are tested and certified by WQA against NSF/ANSI 372, CSA B483.1, and NSF/ANSI Standard 44 for the effective reduction of hardness (calcium and magnesium) and barium/radium as verified and substantiated by test data.

The Culligan Medallist Plus Series® 45 Water Softeners are tested and certified by WQA against NSF/ANSI Standard 61 for material requirements.

This softener is efficiency rated, it has a Demand Initiated Regeneration (D.I.R.) feature which complies with specific performance specifications intended to minimize the amount of regenerant brine and water used in their operation. The softener has a rated salt efficiency of not less than 3350 grains of total hardness exchange per pound of salt used (based on NaCl equivalency), and shall not deliver more salt than its listed rating. The efficiency is measured by a laboratory test described in NSF/ANSI Standard 44. This test represents the maximum possible efficiency that the system can achieve. Operational efficiency is the actual efficiency achieved after the system has been installed. Operational efficiency 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.

Refer to the Specifications, Familiarization and Warranty section of this Owner's Guide for more specific product information. To avoid contamination from improper handling and installation, your system should only be installed and serviced by your Culligan Man. Performance will vary based on local water conditions. The substances reduced by this system are not necessarily in your water.

Culligan water softeners are designed to work with any salt of good quality, although it is recommended that you ask your local Culligan Man for his suggestion on the best type and grade of salt to use in this softener.

**NOTICE:** This softener is not intended to be used for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

\*\*The efficiency rated dosage is only valid at the 6.0 lb. salt dosage.

Buyer Signature \_\_\_\_\_ Date \_\_\_\_\_

Seller Signature \_\_\_\_\_ Date \_\_\_\_\_