

Satin Series

Residential Water Softeners



Highly efficient
water conditioning
for the whole home
through ion exchange

Performance Data Sheet

Model Number	MP-MCA-30T
Rated Service Flow (gpm)	16.8
Pressure Drop at Rated Service Flow Rate (psi)	15
Rated Softening Capacity (KGrains)	19.4 @ 4.5 lbs salt 23 @ 6.0 lbs salt 33.7 @ 15.0 lbs salt
Efficiency at the 1.0 lb. Salt setting (Grains/lbs salt)	4322
Min.-Max. Working Pressure (psi)	20 to 100
Min.-Max. Operating Temperature (°F)	35 to 100
Max. Flow Rate (gpm) to Drain During Regeneration Cycle	1.7
Amount of High Capacity Resin (cu ft)	1.0

These softeners conform to NSF/ANSI 44 for the specific performance claims as verified and substantiated by test data. These models are (not) efficiency rated. The efficiency rating is valid only at the stated salt dose and maximum service flow rate. They have 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. These softeners have a rated softener efficiency of not less than 3350 grains of total hardness exchange per pound of salt (based on sodium chloride) and shall not deliver more salt than their listed ratings. 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. These systems are not intended for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Refer to Installation/operation manual and warranty for further details on installation, parts and service, maintenance and further restrictions or limitations to the use of the product.

Master Water Conditioning
224 Shoemaker Road
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F 610-323-5526



Efficiency rating only valid at the
4.5 lb salt setting

Performance Data Sheet

Model Number	MP-MCA-45T
Rated Service Flow (gpm)	15.5
Pressure Drop at Rated Service Flow Rate (psi)	15
Rated Softening Capacity (KGrains)	29.2 @ 7.0 lbs salt 34.4 @ 9.0 lbs salt 50.5 @ 22.5 lbs salt
Efficiency at the 1.0 lb. Salt setting (Grains/lbs salt)	4322
Min.-Max. Working Pressure (psi)	20 to 100
Min.-Max. Operating Temperature (°F)	35 to 100
Max. Flow Rate (gpm) to Drain During Regeneration Cycle	1.7
Amount of High Capacity Resin (cu ft)	1.5

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Efficiency rating only valid at the
6,75 lb salt setting

Performance Data Sheet

Model Number	MP-MCA-60T
Rated Service Flow (gpm)	17.3
Pressure Drop at Rated Service Flow Rate (psi)	15
Rated Softening Capacity (KGrains)	38.9 @ 9.0 lbs salt 46.9 @ 12.0 lbs salt 67.4 @ 30 lbs salt
Efficiency at the 1.0 lb. Salt setting (Grains/lbs salt)	4322
Min.-Max. Working Pressure (psi)	20 to 100
Min.-Max. Operating Temperature (°F)	35 to 100
Max. Flow Rate (gpm) to Drain During Regeneration Cycle	2.7
Amount of High Capacity Resin (cu ft)	2.0

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Efficiency rating only valid at the
9 lb salt setting