

Mini Water Softener

Affordable, Easy to Use, Compact

The ideal choice for apartments, condominiums or other installations with space constraints. Enjoy certified water softening and user-friendly electronics in a compact design.



KEY FEATURES

Heavy-duty cabinet constructed with NSF certified high-density polyethylene.

NSF certified electronic downflow control valve with proven piston, seal & spacer technology.

NSF certified high-gloss pressure tank.

Brine safety valve for overflow protection.

Sliding cover design for easy salt refill.



**IDEAL FOR
SMALL
SPACES**

VALVE FEATURES

Optional Regeneration

Modes: Meter immediate, meter delayed, meter override, calendar clock modes.

Timesaving Quick Connect Fittings & Pre-Installed

Bypass: Quick connect fittings on bypass, drain line, brine line and power cord.

Unique Bypass Design:

Integrated turbine meter saves space, eliminates connections and is more durable.



48-Hour Programming

Memory: Automatic programming restore for up to 48 hours during power loss.

Simple Electronics:

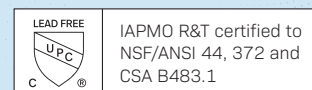
Rotating 'no touch' diagnostic backlit 16-character LCD display.



CONTROL
VALVE



TANKS



Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	HT850-45C
Item Number	15010059
CAPACITY (GRAINS)	
@ 10 lbs/Cubic Feet	12,600
@ 6 lbs/Cubic Feet Factory Setting	11,250
@ 3 lbs/Cubic Feet	6,930
Regeneration Water Usage (Gallons)	15.4
Resin Quantity (Cubic Feet)	0.45 ft ³
Pressure Tank Size (Inches)	10 x 17
Media Loaded	Yes
Salt Storage Capacity	100 lbs
Service Flow Rate	10.0 US gpm
Backwash Flow Rate	2.0 US gpm
Shipping Weight	54 lbs
Regeneration Type	DOWNFLOW (CO-CURRENT)
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN
Electrical Requirements	INPUT 120V 60 Hz - OUTPUT 12V 650mA
Water Temperature Limits	MIN 40° - MAX 110° F (4° - 43° C)
Water Pressure Limits	MIN 30 - MAX 125 PSI (207 - 862 KPA)

Not intended for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Peak flow rates are intended for intermittent use only (10 minutes or less) and are for residential applications only. Do not use peak flow rate for commercial applications or for a continuous rate when treated water supplies are geothermal heat pump, swimming pool, etc. For satisfactory operation, the pumping rate of the well system must equal or exceed indicated backwash flow rate.

DIMENSIONS

HT850 Series	
CABINET (Inches)	13.1 x 19.9 x 22.6



Homeowner's
Manual



Troubleshooting
Guide



PROUD
MEMBERS



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