

HomeGUARD™



Easy-open lid shows our attention to engineering detail.



Factory Installed By-pass Valve.



Patented Directional Flow Screen.



The salt storage area is completely sealed off from the mineral tank compartment. Patent pending.

From our computerized solid-state control to our exclusive directional flow screens, only the most advanced manufacturing processes and materials have been used to build the **HomeGUARD**. We employ the most innovative engineers in the industry to ensure that your water treatment system will provide years of trouble-free service in your home and we have the patents to prove it.



9 US PATENTS
and other patents pending.

MODEL 400 - SPECIFICATIONS

Max. compensated hardness:	35 grains per gallon
Max. hardness removed:	10,700 grains
Media amount:	0.4 cu. ft. of fine mesh resin
Minimum pH (standard units):	7
Salt used per regeneration:	1 - 2 - 3 lbs.
Length of regeneration cycle:	12 - 15 - 18 minutes
Water used per regeneration:	9.6 - 11.5 - 13.3 gallons
Plumbing connections:	1" NPT
Valve size:	1"
Salt storage capacity:	30 lbs. salt
Electrical requirements:	115 VAC, 60 Hz
Max. water temperature:	120° F
Water pressure (min., max.):	20, 120 psi
Footprint (WxD):	11 ¼" x 18 ½"
Height:	21½"
Shipping weight:	55 lbs.



EFFICIENT TECHNOLOGY IN A COMPACT DESIGN!

HomeGUARD™

Whole-house Water Treatment



- In business since 1960
- Water treatment is our only business
- Built by the oldest major water treatment manufacturer under continuous family ownership
- Made in the USA and sold throughout the world
- Every unit we manufacture goes through total system testing

Operational maintenance and replacement requirements are essential for the product to perform to specification.



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HomeGUARD™

**EFFICIENT
TECHNOLOGY
IN A
COMPACT
DESIGN!**



HomeGUARD™

Full Size Performance In Half The Space.

The Compact Whole House Water Treatment System Designed To Provide Families With Sparkling Soft, Great Tasting Water.

Taste the difference.
Enjoy the good natural taste of water. Clean, soft water makes a big difference in your life.



Feel the softness.
Gone are the hard water deposits that damage hair and the soap curd that blocks skin pores. Use less shampoo and other soap products in your home.

See the brightness.
You'll get cleaner, brighter, softer laundry when you wash with soft water.



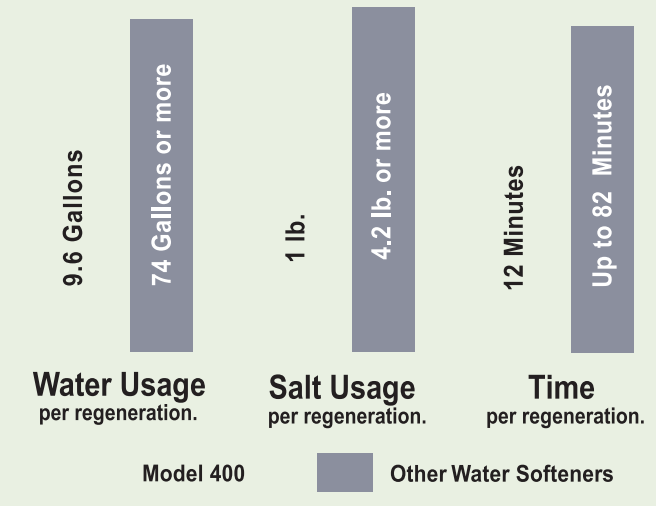
WHY SUFFER FROM HARD WATER?
An average family of four using approximately 109,500 gallons of water per year accumulates "Rock Hard Scale" that builds up in all of your home's water using appliances.

7 gpg Hard Water =  109 lbs of Rock Per Year

20 gpg Hard Water =  312 lbs of Rock Per Year

Compare the savings with a HomeGUARD.

Our patented High Efficiency Design means you use less water, salt, and time compared to other conventional softeners.



Comprehensive Limited Warranty:
Ten years on tank and cabinet.
All mechanical parts including electronic controls are covered for three full years.

MODEL 400 PRODUCT FEATURES

Only the HomeGUARD offers these exclusive features built into every patented high efficiency water treatment system.

- 1 BYPASS VALVE**
Simply turn the dial to "BYPASS" so water does not enter the appliance. To return the appliance to service, simply turn the dial to the SERVICE position.
- 2 SYSTEM CONTROLLER**
Operates in three languages and retains cycle settings indefinitely, even through power outages. The time of day setting remains in memory for up to seven days without power.
- 3 WHOLE HOUSE, BUILT-IN, SELF-CLEANING FILTER**
Filters dirt and sediment down to 20 microns - smaller than the human eye can see. Plus, there's never any cartridges to change and no maintenance is required.
- 4 SAFETY SHUT-OFF SYSTEM**
To help prevent the possibility of any overflows, HomeGUARD features a safety shutoff - just the kind of detail you would expect from HomeGUARD.
- 5 FINE MESH RESIN**
Our patented mineral tank with its screened distributor system allows us to pack more resin in the tank and backwash our unit with clean soft water, therefore eliminating the need for a second mineral tank.
- 6 GRID PLATE**
The grid plate in the segregated brine tank compartment provides a clear well area to ensure consistent brine concentration.

Eliminates the need for an in-line filter.



Standard 1" MNPT thread connections.

EFFICIENT TECHNOLOGY IN A COMPACT DESIGN!

- Built-in, Salt and Water Saving Technology
- Low Profile Design
- Convenient Easy-Fill Salt Cabinet
- Quality Materials and Components
- Whisper Quiet 6 Cycle Valve
- Multi-Function Controller Operates By Demand Mode or Time Forced Regeneration
- Patented Capacity Guard - Never Run Out Of Treated Water
- Low Maintenance - Just Fill With Salt As Necessary
- Our Patented Packed Bed Mineral Tank Eliminates The Need For A Second Tank



HomeGUARD™

EFFICIENT TECHNOLOGY IN A COMPACT DESIGN!