# nexus™

The EasyWater Nexus™ is the most powerful treatment system available for hard water and combines ultimate home protection with luxurious soft water. Nexus boasts complete hard water protection and adds the ability to remove existing scale by combining our industry leading de-scaling technology with the benefits of our high-efficiency water softener. Nexus is ultra-efficient, made to last, and utilizes the highest quality components and superior design.

## Protects Your Home
- Protect your home and appliances from the damage caused by lime deposits
- Removes most scale from your home's plumbing, improving water flow
- Protects your home from scale deposits when salt runs out and hard water passes through

## Low Maintenance
- Shields softener valve from scale deposits and extends the life of the internal components
- Prevents channeling and premature fouling of the softener resin, extending its life
- Boosts softener performance, allowing less salt and less water to be used during regeneration

## Saves You Money
- Saves energy by reducing scale buildup in your dishwasher heating element, water heater, etc.
- Save on salt usage by operating at higher brine efficiency
- Low Power Consumption- 12v/500mA (110v transformer standard/220v optional)

## Innovation & Quality
- Our smart control valve optimizes the regeneration schedule as it learns your usage and habits
- Metered control valve, superior design and components
- Strong, long lasting, chlorine-resistant resin

## Better Living
- Eliminate hard water residue on glasses, dishes, flatware, countertops, sinks, toilets and more
- Better soap lather using less laundry detergent, dishwashing detergent, soaps and shampoos
- Less soap scum on your body and your fixtures
- Laundry is softer, cleaner and brighter

*Did you know?*

Hard water scale build-up can reduce your water heater's efficiency by up to 30%.

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## Effectively Treats Hard Water Problems in:

- ✓ Standard water heaters
- ✓ Tankless water heaters
- ✓ Most solar water heaters
- ✓ Hot water recirculating lines
- ✓ Dishwashers & appliances
- ✓ Showers, tubs, toilets and fixtures

## Benefits of Soft Water:

- ✓ Reduced spotting
- ✓ Smoother skin and hair
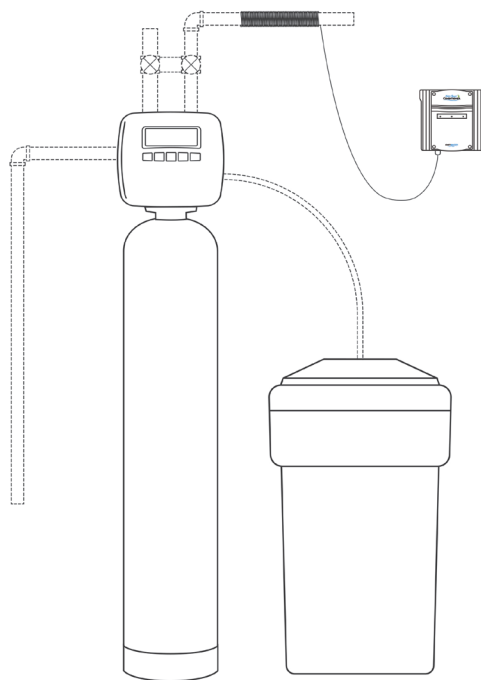- ✓ Use less detergent
- ✓ Increase lather

## Special Features:

- ✓ Quick connect fittings for easy installation
- ✓ Compatible with sodium chloride or potassium chloride

## Warranty:

- ✓ 10-year warranty on tanks
- ✓ 5-year warranty on valve body and electronic controls
- ✓ 3-year warranty on de-scaler

# How It Works

## 1. De-Scaling Pre-Treatment

Electronic conditioning of the water controls scale deposits, and provides downstream scale removal. The softener control valve and resin are shielded from deposits and perform better and last longer. By conditioning the water, your home and appliances are protected even if you run out of salt or choose not to soften.

## 2. Ion Exchange Softening

A high-capacity water softener removes calcium and magnesium hardness minerals through ion exchange. The smart control valve optimizes the regeneration schedule according to usage and habits. You use less salt and water and have soft water when you need it.

## 3. Home Protection & Scale Removal

By conditioning and softening, you get great water plus the ultimate protection for your home. Scale deposits stop forming and old scale is removed from your home's plumbing and appliances. This results in reduced energy use, longer appliance life, and beautiful dishes and laundry.

## Specifications:

| Model | In/Out | Drain | Brine Refill Line | Volume | Grain Capacity | Min/Max Operating Pressure | Min/Max Operating Temp | Optimal Flow Rate | Backwash Flow Rate |
|---|---|---|---|---|---|---|---|---|---|
| 32k | 1" CTS | 3/4" Male NPT | 3/8" OD Tube | ft³ | 32k | 20-125psi | 40-110F | 5 gpm | 2.2 gpm |
| 48k | 1" CTS | 3/4" Male NPT | 3/8" OD Tube | 1.5 ft³ | 48k | 20-125psi | 40-110F | 8 gpm | 2.4 gpm |
| 80k | 1" CTS | 3/4" Male NPT | 3/8" OD Tube | 2.5 ft³ | 80k | 20-125psi | 40-110F | 13 gpm | 4.2 gpm |

| Model | Power | Max Pipe Size |
|---|---|---|
| De-Scaler | 110v / 500mA | 1 $\frac{1}{4}$" |

| Dimensions | 48k | 80k |
|---|---|---|
| Resin Tank | 10" x 54" | 13" x 54" |
| Brine Tank | 15" x 17" | 15" x 36" |
| De-Scaler | 10" x 10 1/4" x 2 3/4" | |

Constructed of NSF and/or FDA approved materials.