



## HARD WATER PROTECTION FOR YOU AND YOUR HOME

For decades, water softeners have been virtually the only means of treating hard water. Other alternatives including chemical treatments, electromagnets and electronic devices have been available but have proved to be ineffective. LifeSource now offers a revolutionary new system called ScaleSolver\*.

LifeSource ScaleSolver with PowerTAC™ is the ultimate high performance scale prevention system for homes. ScaleSolver systems do not add anything to water while retaining healthy and beneficial minerals such as calcium and magnesium.

## PROTECT YOUR HOME

Hard water scale, also called lime scale, forms from naturally occurring calcium and magnesium in water. Scale deposits build up over time and solidify on fixtures, water heaters and water appliances. ScaleSolver conditions the minerals in water as it enters your home and prevents annoying and costly scale buildup. Mineral deposits on countertops and faucets will easily wipe off.

## SCALESOLVER\* BENEFITS



### **Reduce Scale Buildup**

Acts as a shield, reducing scale formation on boilers, water appliances and fixture. Reverses existing scale problems.



### **No Maintenance**

Virtually maintenance free. No salt or filter changes.



### **Tested and Proven**

Tested in laboratories by researchers at Arizona State University. PowerTAC achieved a 96% effectiveness rating.



### **Environmentally Friendly**

Uses no chemicals or salts. Does not produce wastewater or use electricity



### **Simple Installation**

Installed on main water line after LifeSource Whole House Water Filter.

# SCALESOLVER | 6633 SPECIFICATIONS

## How it Works

The LifeSource ScaleSolver with PowerTAC\* is high efficiency Template Assisted Crystallization (TAC) technology. PowerTAC converts healthy hardness minerals into harmless, microscopic crystals that do not attach to hard surfaces.

### PowerTAC™ Physical Properties

**Composition:** Specially treated polymer

### Operating Conditions

Can be used in continuous or intermittent operation. Install on cold water supply only. No backwash required.

### Water Chemistry Specifications

<b>pH</b>	6.5 to 8.5
<b>Max Hardness</b>	75 grains (1300 ppm CaCO <sub>3</sub> )
<b>Temperature</b>	41°F - 140°F (5°C - 60°C)
<b>Max Chlorine</b>	< 3 ppm
<b>Max Iron, ferrous</b>	0.3 mg/L
<b>Max Manganese</b>	0.05 mg/L
<b>Max Copper</b>	1.3 mg/L
<b>Oil &amp; H<sub>2</sub>S</b>	Remove pre ScaleSolver
<b>Polyphosphates</b>	Remove pre ScaleSolver

### Specifications

<b>Dimensions</b>	12" x 56.5"
<b>Valve Size</b>	1.5" & 2"
<b>Max Flow Rate</b>	45 gpm (1.5") & 50 gpm (2") < 5 psi pressure
<b>Regulated Pressure</b>	40 - 100 psi

### Certification



The ScaleSolver model 6633 is ANSI/NSF-42 tested and certified by the International Association of Plumbing and Mechanical Officials (IAPMO).

### Testing and Regulatory Approvals

ScaleSolver tested and certified to NSA/ANSI Standard 61. PowerTAC tested at Arizona State University using the German DVGW -W512 test protocol.

\*(German Technical and Scientific Association for Gas and Water)

