



Model SS-5544 1"

ScaleSolver Benefits

PREVENTS SCALE BUILD-UP

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

ENVIRONMENTALLY FRIENDLY

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

TESTED AND PROVEN

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

LOW MAINTENANCE

Virtually maintenance free. No salt or filter changes.

SIMPLE INSTALLATION

Installed on main water line after LifeSource Water Filter.



SCALE SOLVER™

HARD WATER PROTECTION

COMMERCIAL WATER CONDITIONING SYSTEM

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™.

Hard Water Protection

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

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 a building and prevents annoying and costly scale buildup. Mineral deposits on countertops and faucets will easily wipe off.

APPLICATIONS

Commercial

- Water Heaters and Boilers
- Laundry
- Dishwashers
- Coffee & Tea Machines
- Mist Cooling System



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LIFE SOURCE
WATER SYSTEMS®

How it Works

The LifeSource ScaleSolver™ uses a high efficiency Template Assisted Crystallization (TAC) technology. TAC converts healthy hardness minerals into harmless, microscopic crystals that do not attach to hard surfaces.

Features

- ◆ Extremely fast acting regardless of hardness level.
- ◆ Long lasting TAC media.
- ◆ No control valve or electricity required.
- ◆ No salt or other chemical regenerates required.
- ◆ No backwash waste. Can be used where water softeners are banned.
- ◆ Tests show ScaleSolver is more effective than a water softener.
- ◆ Protects the environment and eliminates water waste.

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TAC 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

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

Specifications

- | | |
|--------------------|------------------|
| • Max. Dimensions | 59.75" x 10" |
| • Max. Flow Rate | 20 gpm |
| • Max. Temperature | 100° F (37.8° C) |
| • Max. Pressure | 90 psi |

Testing and Regulatory Approvals

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

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

