



**FRONT VIEW**  
SCALE: 3/4" = 1'

**ISOMETRIC VIEW**  
SCALE: N.T.S.

**GENERAL NOTES:**

1. CAN BE USED IN CONTINUOUS OR INTERMITTENT OPERATION. INSTALL ON COLD WATER SUPPLY ONLY. NO BACKWASH REQUIRED.
2. **SCALESOLVER** MUST BE THE LAST STAGE IN THE TREATMENT CHAIN. DO NOT INSTALL ANY FILTERS AFTER **SCALESOLVER** OR BEFORE ANY DEVICES FOR WHICH SCALE PREVENTION IS REQUIRED. POU FILTERS (E.G. CARBON OR RO) ARE EXEMPT FROM THIS REQUIREMENT.
3. DO NOT APPLY PHOSPHATE OR ANY OTHER ANTISCALANT EITHER BEFORE OR AFTER **SCALESOLVER**.

GENERAL SPECIFICATIONS	
MAX. DIMENSIONS	59.75" x 10"
MAX. FLOW RATE	20 GPM (PER TANK)
MAX. TEMPERATURE	100° F (37.8° C)
REGULATED PRESSURE	MIN 25PSI, MAX 125PSI
INLET CONNECTION	1" BRASS SWEAT FITTING
OUTLET CONNECTION	1" BRASS SWEAT FITTING
SERVICE WEIGHT (WET)	140 LBS

WATER CHEMISTRY SPECIFICATIONS	
pH	6.5 TO 8.5
MAX. HARDNESS	75 GRAINS (1300 PPM CaCO <sub>3</sub> )
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 <sub>2</sub> S	REMOVE PRE <b>SCALESOLVER</b>
POLYPHOSPHATES	REMOVE PRE <b>SCALESOLVER</b>

	<b>SCALESOLVER</b> MODEL: SS-5544 1"
	<b>FIGURE 1</b> DETAILS & SPECIFICATIONS

FEATURES AND BENEFITS:

- **SCALESOLVERS** ARE NOT WATER SOFTENERS
- ELIMINATES NEED FOR SALT ADDITIVES AND OTHER CHEMICALS – RETAINS ESSENTIAL MINERALS
- A MORE EFFECTIVE SCALE CONTROL ALTERNATIVE TO WATER SOFTENERS - MINIMIZING SCALE BUILD-UP DUE TO HARD WATER
- MAINTENANCE-FREE
- EASY TO INSTALL - NO ELECTRICITY REQUIRED, NO CONTROLLERS TO SET, NO BRINE DISCHARGE OR WATER WASTE FROM BACKWASH
- USES ENVIRONMENTALLY-FRIENDLY, SUSTAINABLE TECHNOLOGY
- EXTENDS LIFE AND IMPROVES ENERGY EFFICIENCY OF ALL HOT AND COLD WATER APPLIANCES, FIXTURES, AND PLUMBING INFRASTRUCTURE
- REDUCES CONSUMPTION OF SOAP AND DETERGENT
- SYSTEM SIZING & INSTALLATION DEPENDENT ON PIPE SIZE, WATER USAGE, PEAK FLOW RATES, SPACE AVAILABILITY FOR TANKS
- IDEAL ALTERNATIVE FOR GROWING NUMBER OF TOWN AND COUNTIES WHERE WATER SOFTENERS ARE BANNED

REGULATORY APPROVALS:

- WQA TESTED AND CERTIFIED TO NSF/ANSI STANDARD 61.

TANK WEIGHTS:

- DRY WEIGHT (LBS) 35
- SERVICE WEIGHT (LBS) 140

MAXIMUM FLOW RATE:

- SS 5544 20 GPM (75.7 LPM);  
<5 PSI PRESSURE DROP AT MAXIMUM FLOW RATE

\*THE ABOVE INFORMATION SHOWS FLOW RATE DATA FOR SINGLE TANKS (20 GPM). **SCALESOLVER** INSTALLATIONS WITH HIGHER RATES UTILIZE MULTIPLE TANKS, PLUMBED IN PARALLEL. EXCEEDING MAXIMUM FLOW CAN REDUCE EFFECTIVENESS AND VOID WARRANTY.

REPLACEMENT MEDIA:

- SS 5544 MEDIA SHOULD BE REPLACED EVERY 3-4 YEARS DEPENDING ON WATER USAGE VARIABLE

SPECIFICATIONS & CONNECTION SIZES:

- INLET 1" (25.4mm) BRASS SWEAT FITTING
- OUTLET 1" (25.4mm) BRASS SWEAT FITTING



**SCALE SOLVER**  
MODEL: SS-5544 1"

**FIGURE 2**  
NOTES & SPECIFICATIONS  
(CONT.)