

# SCALEBLASTER<sup>®</sup>

WATER CONDITIONER

*Salt-Free Solution to Hard Water Problems*

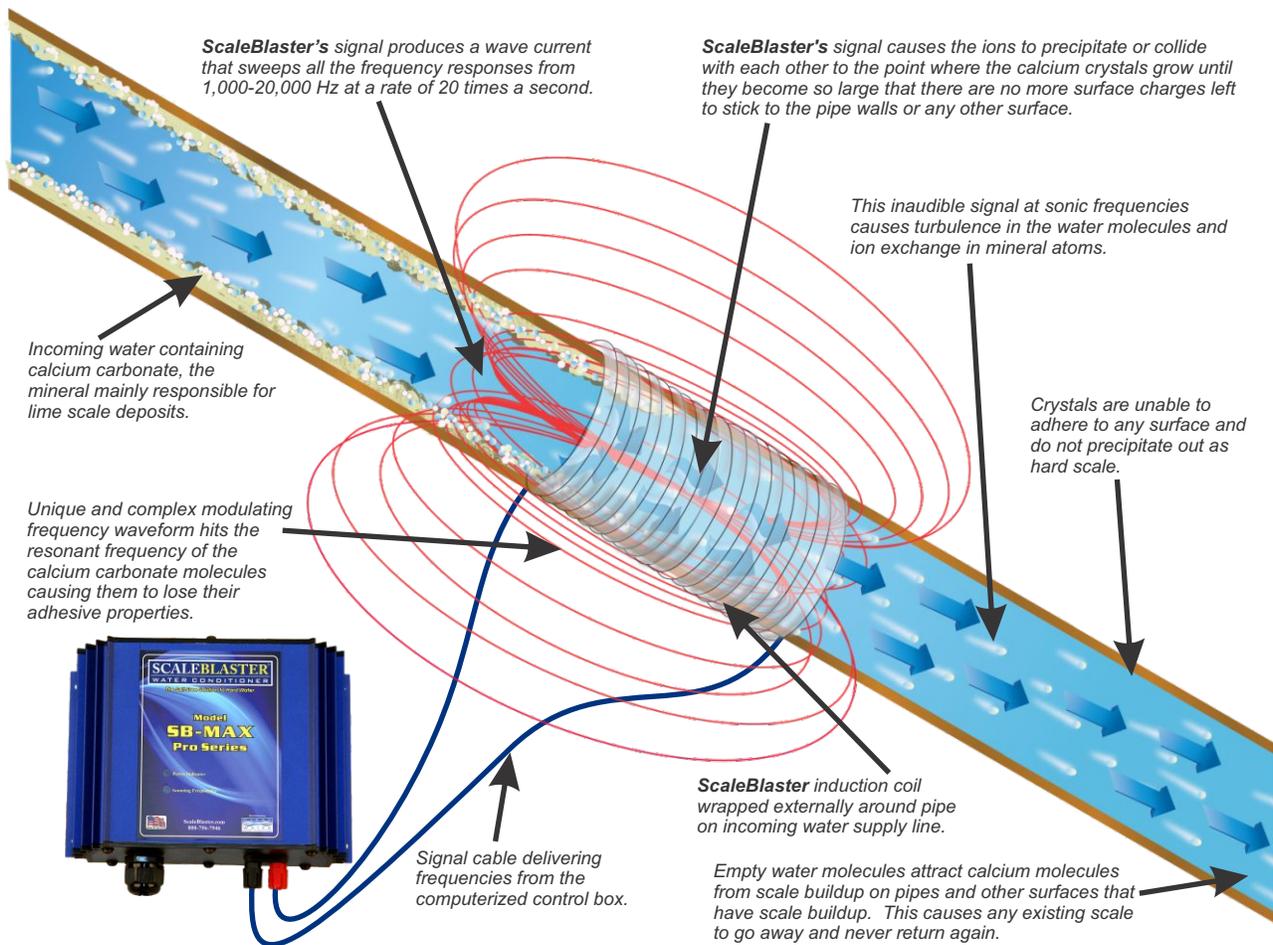
## *Model SB-MAX Pro Series*



*Residential Pro Series Model*  
*Extremely hard water / very large homes*

**SPECIFICATION SHEET**

# How ScaleBlaster Works



## SB-MAX PRO SERIES ELECTRONIC DESCALER

**PIPE SIZE CAPACITY:** up to 1½" pipe size diameter. Designed for residential use only. UL, CUL Listed.

**PIPE TYPE:** PVC, CPVC, PEX, Copper or any non-ferrous based pipe.

**INPUT VOLTAGE:** 90-264 VAC @ 47 to 63 Hz, using auto switching power supply

**INPUT POWER:** 20 Watts

**OPERATING TEMPERATURE:** 32° F to 130° F

**STORAGE TEMPERATURE:** 10° F to 150° F

**OUTPUT VOLTAGE:** No more than 5 Volts DC (open circuit).

**OUTPUT FUSE:** 3.15 Amp, 250 VAC, 5x20 mm, Slow-Blow fuse, Radio Shack part # 270-1065

**DESCALING METHOD:** The control box supplies a square wave signal to a coil of wire that is wrapped externally around the incoming pipeline entering the home. The signal sweeps all the frequencies from 1,000 to 20,000 Hz at a rate of 20 times a second. This produces a modulating frequency waveform that hits the resonant frequency of the calcium molecules causing them to lose its adhesiveness.

**ENCLOSURE DIMENSIONS:** 9" wide x 3.625" deep x 6.5" tall

**ENCLOSURE MATERIAL:** Extruded Aluminum - 6063-T% Electro-Chemical etched exterior that converts the metal surface into a decorative, durable, corrosion-resistant, anodic oxide finish. End caps – NEMA 4 ABS 94VO material with silicone sealing.

**SIGNAL CABLE:** A special 18 AWG stranded wire, 52 feet long (not available in hardware stores), is included with the unit.

**WARRANTY:** 10 years

**SHIPPING WEIGHT:** 6 lbs.

**CARTON DIMENSIONS:** 12.5" wide x 5" deep x 12.5" tall

