

# SCALEBLASTER<sup>®</sup>

WATER CONDITIONER

*Salt-Free Solution to Hard Water Problems*

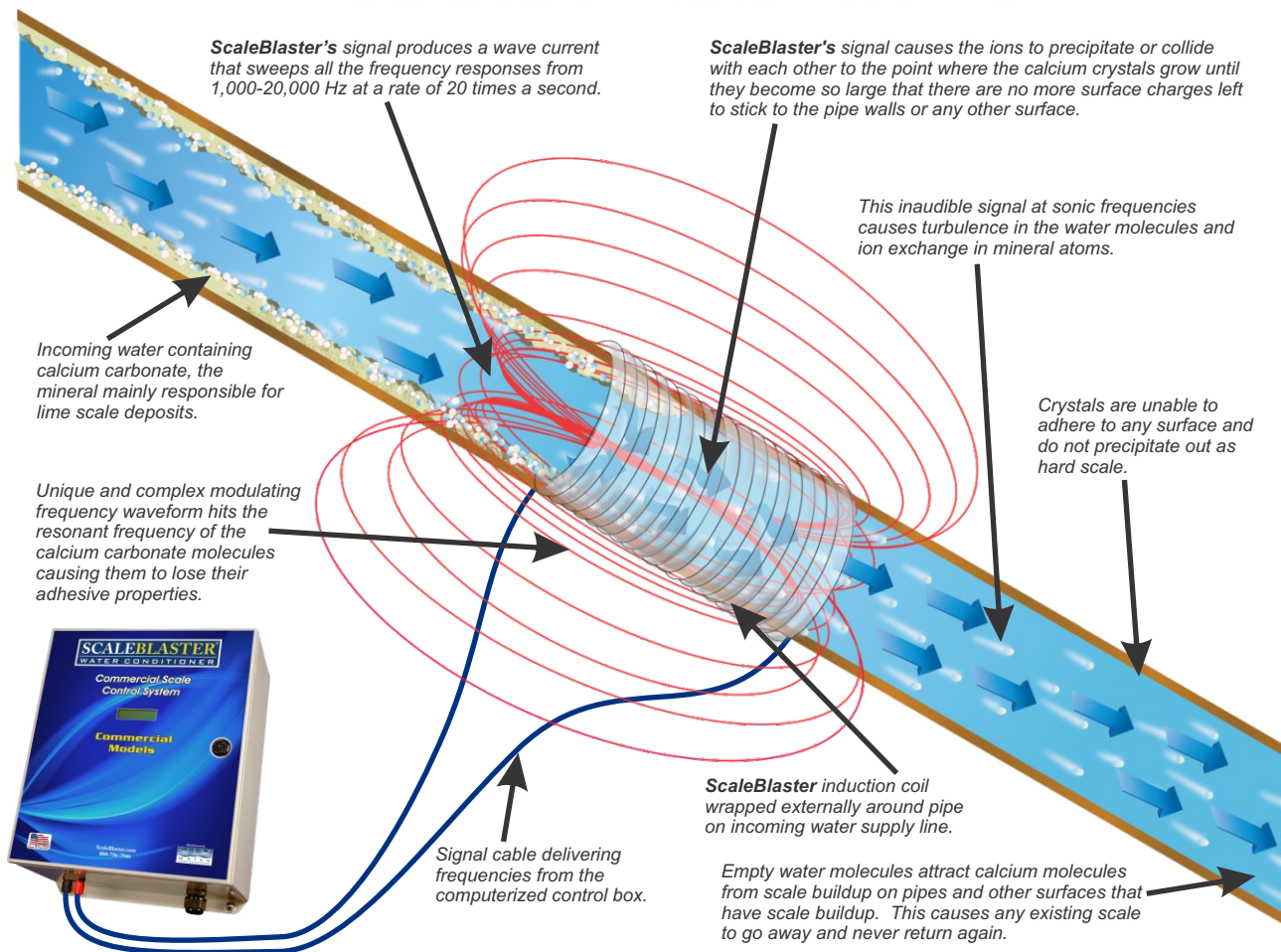
*Model SB-250*



*Premium Model - up to 2" Pipe*

**SPECIFICATION SHEET**

# How ScaleBlaster Works



## SB-250 ELECTRONIC DESCALER

**PIPE SIZE CAPACITY:** up to 2" pipe size diameter. Designed for commercial use only.

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

**INPUT VOLTAGE:** 90-264 VAC @ 47 to 63 Hz

**INPUT POWER:** 60 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).

**INPUT FUSE:** 4 Amp, 250VAC, 5x20mm, fast acting

**OUTPUT FUSE:** 10 Amp, 250VAC, 5x20mm, fast acting

**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:** 13.5" x 10.25" x 5.75"

**ENCLOSURE MATERIAL:** 16 gauge steel, powder coated ANSI 61 gray. NEMA 12, 13, 4. UL 508 type 3R, 4, 12 & 13. CSA Type 3R, 4, 12 & 13. IEC 60529, IP66. Weatherproof enclosure.

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

**WARRANTY:** 5 years parts and labor.

**SHIPPING WEIGHT:** 17 lbs.

**CARTON DIMENSIONS:** 16.75" x 14.75" x 11"



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