

# SCALEBLASTER<sup>®</sup>

WATER CONDITIONER

*Salt-Free Solution to Hard Water Problems*

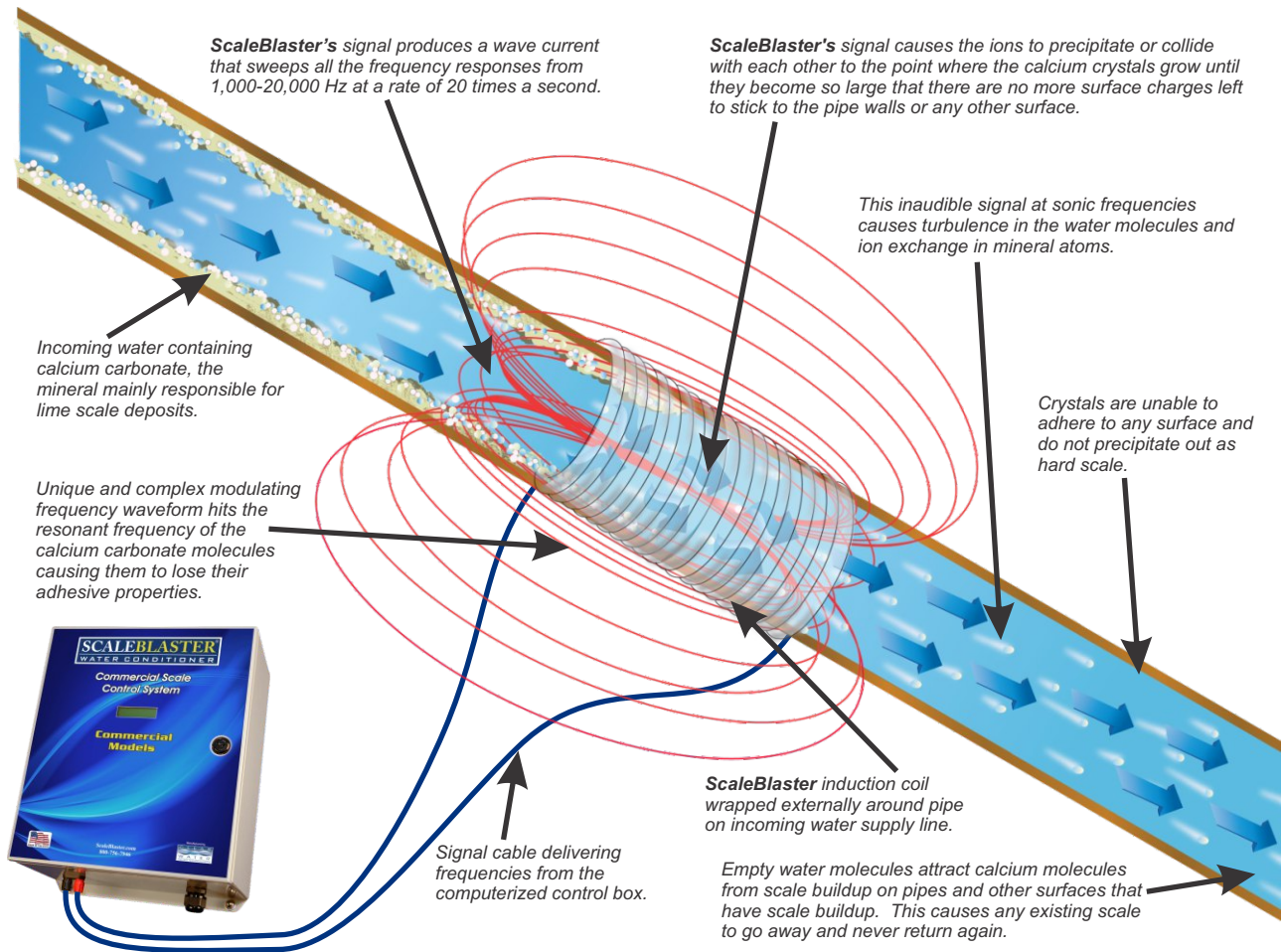
*Model SB-450*



*Premium Model - up to 4" Pipe*

**SPECIFICATION SHEET**

# How ScaleBlaster Works



Made in USA

## SB-450 ELECTRONIC DESCALER



**PIPE SIZE CAPACITY:** up to 4" pipe size diameter. Designed for commercial use only.

**PIPE TYPE:** PVC, CPVC, PEX, Copper or up to 1½" ferrous based (magnetic) pipe.

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

**INPUT POWER:** 108 Watts

**CIRCUIT PROTECTION:** fuse and spike/surge suppression

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

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

**OUTPUT VOLTAGE:** no more then 9 Volts DC (open circuit).

**INPUT FUSE:** 6.3 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 building. 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:** 12.25" x 15.5" x 6.75"

**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 12 AWG stranded wire, 152 feet long (not available in hardware stores), is included with the unit.

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

**SHIPPING WEIGHT:** 26 lbs.

**CARTON DIMENSIONS:** 18.5" x 16.5" x 11.25"