

SCALEBLASTER®

WATER CONDITIONER

Salt-Free Solution to Hard Water Problems

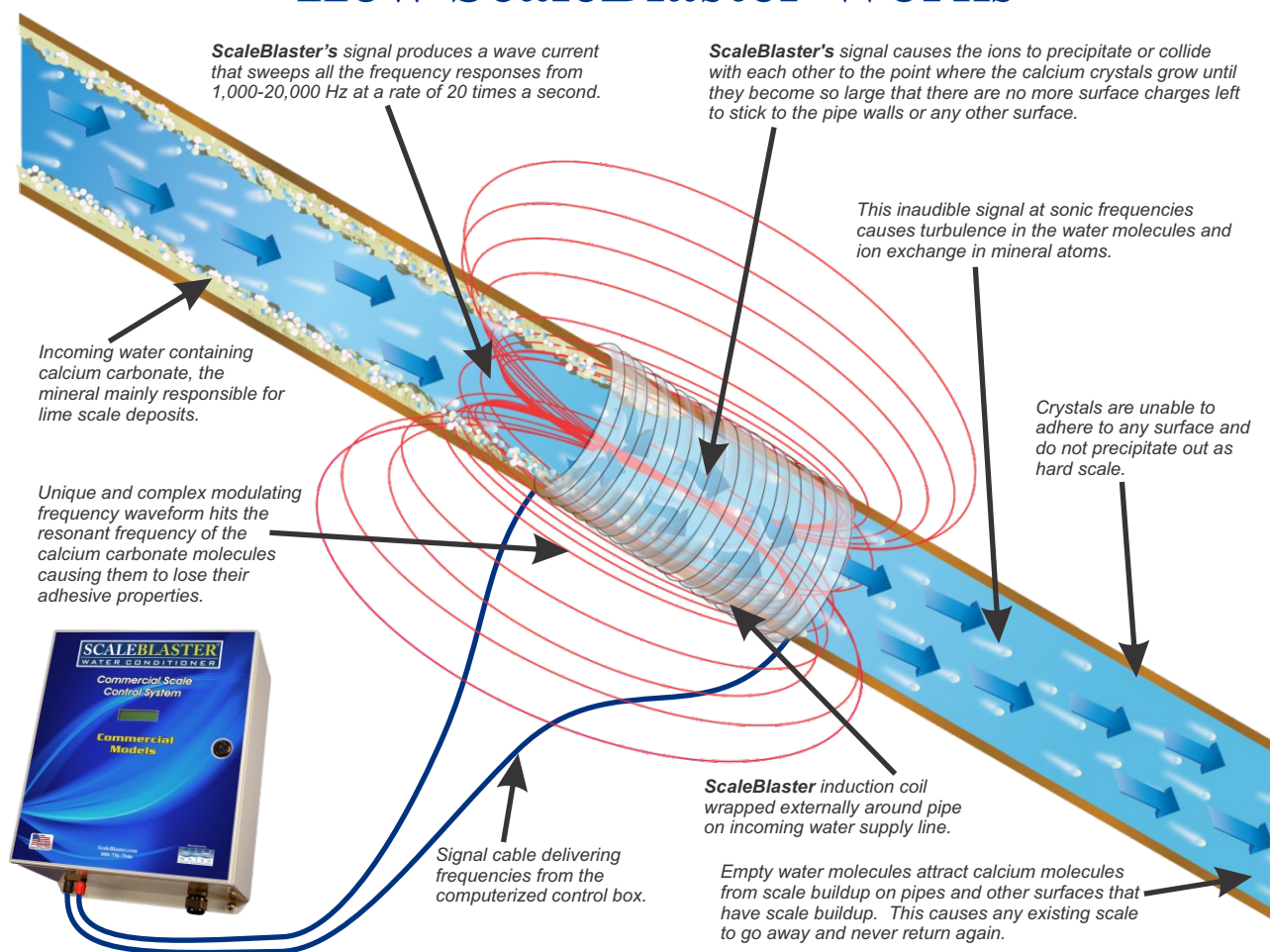
Model SB-450



Premium Model - up to 4" Pipe

SPECIFICATION SHEET

How ScaleBlaster Works



SB-450 ELECTRONIC DESCALER

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

UL, CUL listed, file number E232081

PIPE TYPE: PVC, CPVC, PEX, Copper or up to 2" ferrous based (magnetic) pipe. May work on smaller ferrous based pipe on re-circulating systems.

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 than 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"

