

SCALE BLASTER[®]

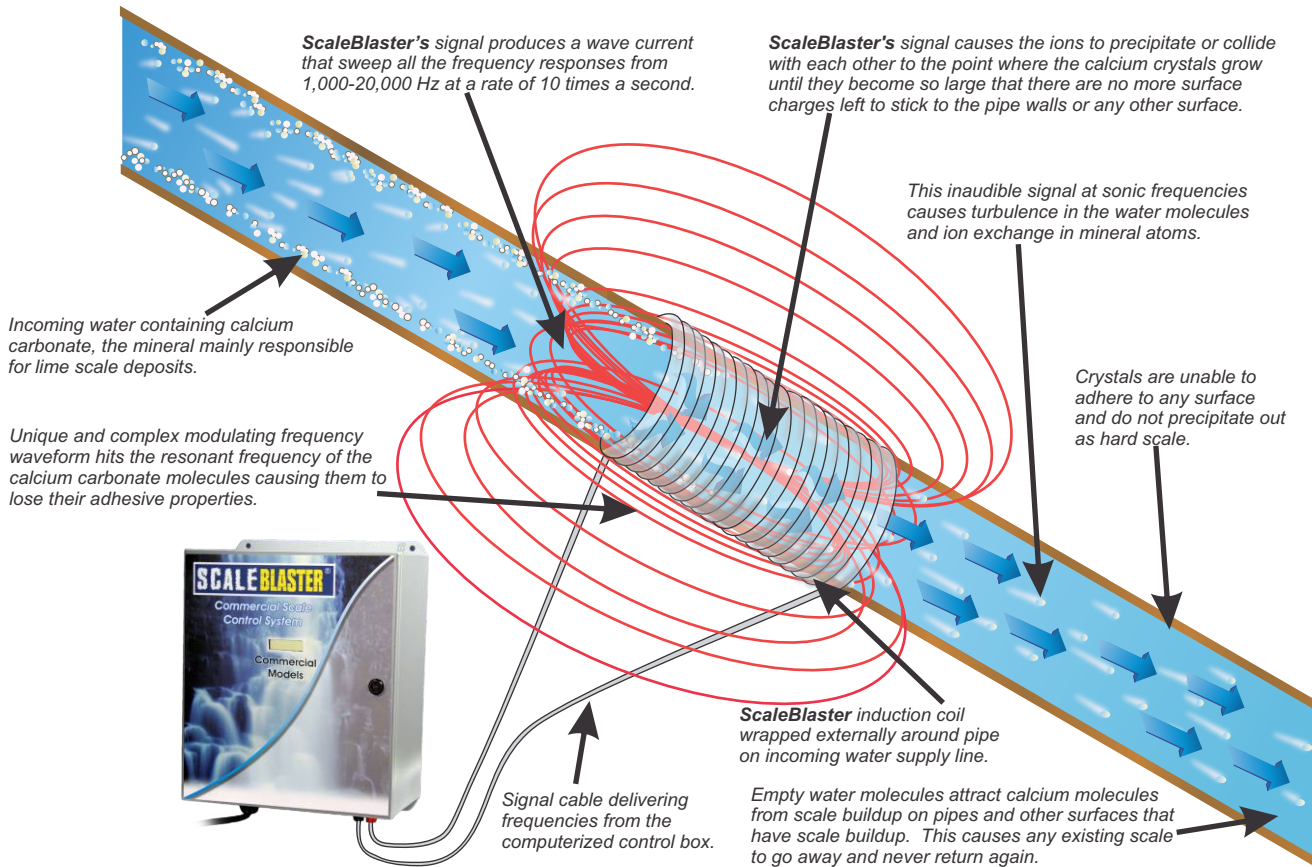
The chemical & maintenance free alternative

Model SB-450



Premium Model — up to 4" Pipe

How ScaleBlaster works



SB-450 ELECTRONIC DESCALER SPECIFICATION SHEET

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

PIPE TYPE: PVC, copper or any non-ferrous based pipe.

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

INPUT POWER: 108 Watts

OUTPUT VOLTAGE: no more then 5 Volts DC (open circuit).

CIRCUIT PROTECTION: fuse and spike/surge suppression

INPUT FUSE: 1 amp, 250VAC, 5x20mm, fast acting, Radio Shack # 270-1049

OUTPUT FUSE: 3.15A, 250VAC, 5x20mm, fast acting, Radio Shack # 270-1054

DESCALING METHOD: The control box supplies a square wave signal to a coil of wire that is wrapped around the pipe. The signal is swept anywhere from 1,000 to 20,000 times a second, producing a modulating frequency waveform that hits the resonant frequency of the calcium molecules causing them to lose it's adhesiveness.

ENCLOSURE DIMENSIONS: 14" x 12" x 6"

ENCLOSURE MATERIAL: 16 guage 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: 12 gauge stranded wire, 152 feet long.

WARRANTY: 5 years parts and labor.

SHIPPING WEIGHT: 26 lbs.

CARTON DIMENSIONS: 20" x 16.5" x 11"

