

# SCALE BLASTER<sup>®</sup>

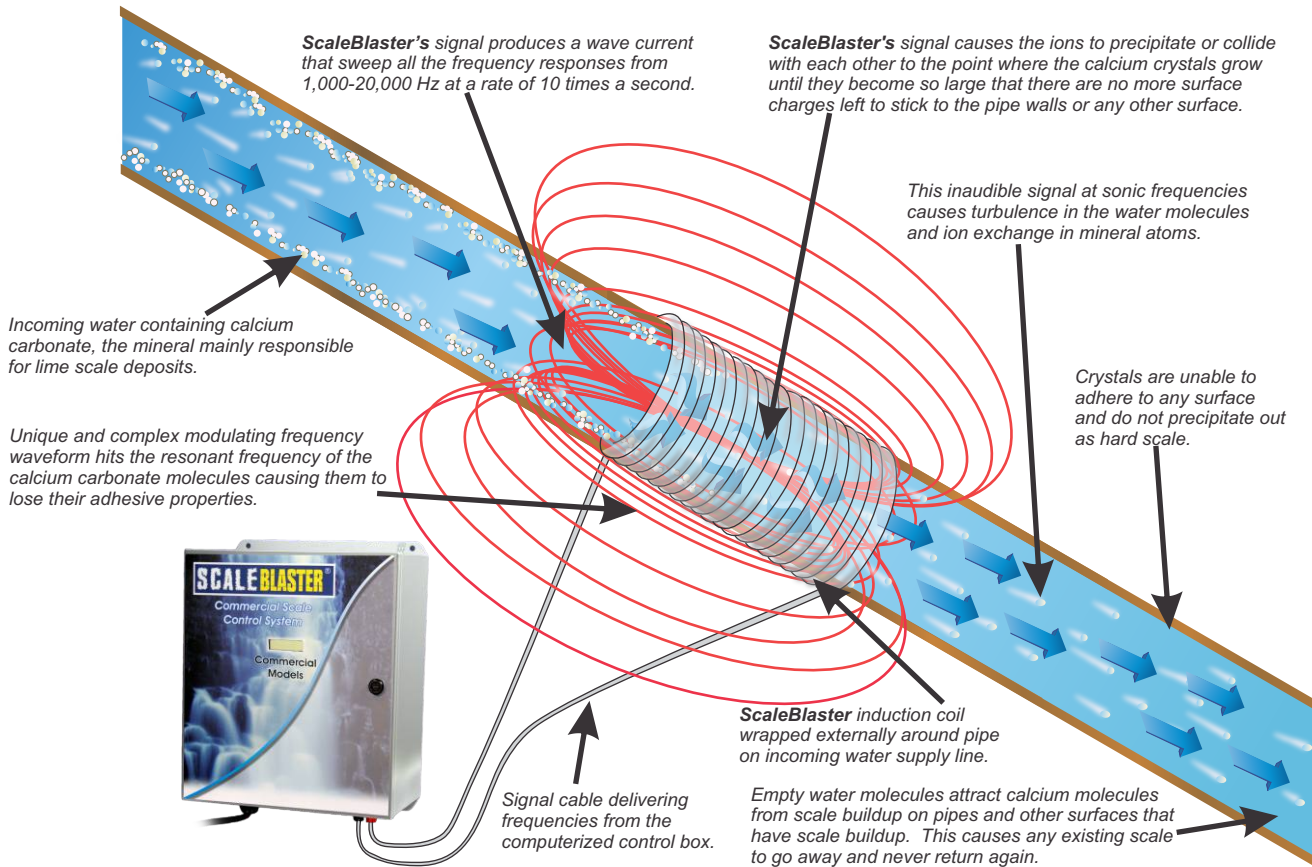
*The chemical & maintenance free alternative*

**Model SB-250**



**Premium Model — up to 2" Pipe**

# How ScaleBlaster works



## SB-250 ELECTRONIC DESCALER SPECIFICATION SHEET

**PIPE SIZE CAPACITY:** up to 2" 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 63Hz

**INPUT POWER:** 60 Watts

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

**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:** 12" x 10" x 5"

**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:** 18 gauge, single stranded wire, 56 feet long.

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

**SHIPPING WEIGHT:** 17 lbs.

**CARTON DIMENSIONS:** 18.5" x 14.5" x 10.5"

