

# SCALE BLASTER®

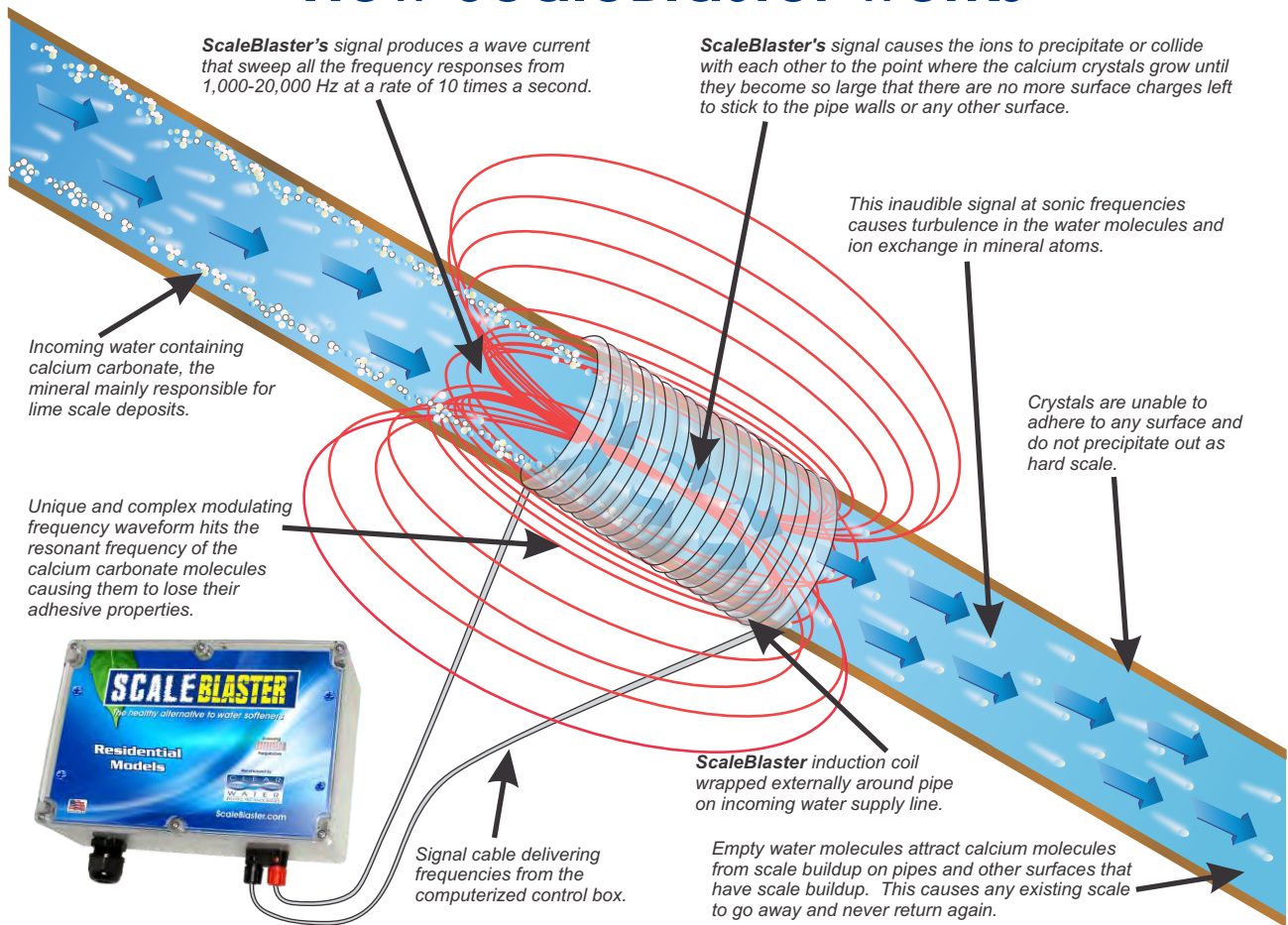
*The healthy alternative to water softeners*

***Model SB-175***



***Deluxe Model***  
***Hard to very hard water / medium to large homes***

# How ScaleBlaster works



## SB-175 ELECTRONIC DESCALER SPECIFICATION SHEET

**PIPE SIZE CAPACITY:** up to 1 1/2" pipe size diameter. Designed for residential use only.  
UL, CUL Listed.

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

**INPUT VOLTAGE/CURRENT:** 100 to 240 VAC, @ < 500mA

**INPUT POWER:** < 15 Watt

**OUTPUT VOLTAGE:** 5V (open circuit).

**INPUT FUSE:** 1Amp, 250VAC, 5x20mm, fast acting (F1 on pcb) (Radio Shack part # 270-1063)

**OUTPUT FUSE:** 4Amp, 250VAC, 5x20mm, slow acting (F2 on pcb) (Radio Shack part # 270-1066)

**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 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:** 10.50" x 7.30" x 3.75"

**ENCLOSURE SPECS:** made out of high-impact ABS molded plastic, NEMA 4X rated, UL approved. Mounting brackets included.  
Weatherproof enclosure.

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

**WARRANTY:** 5 years with an extended five year warranty available at a very nominal cost.

**SHIPPING WEIGHT:** 5.5 lbs.

**CARTON DIMENSIONS:** 15.75" x 12.75" x 4.125"

