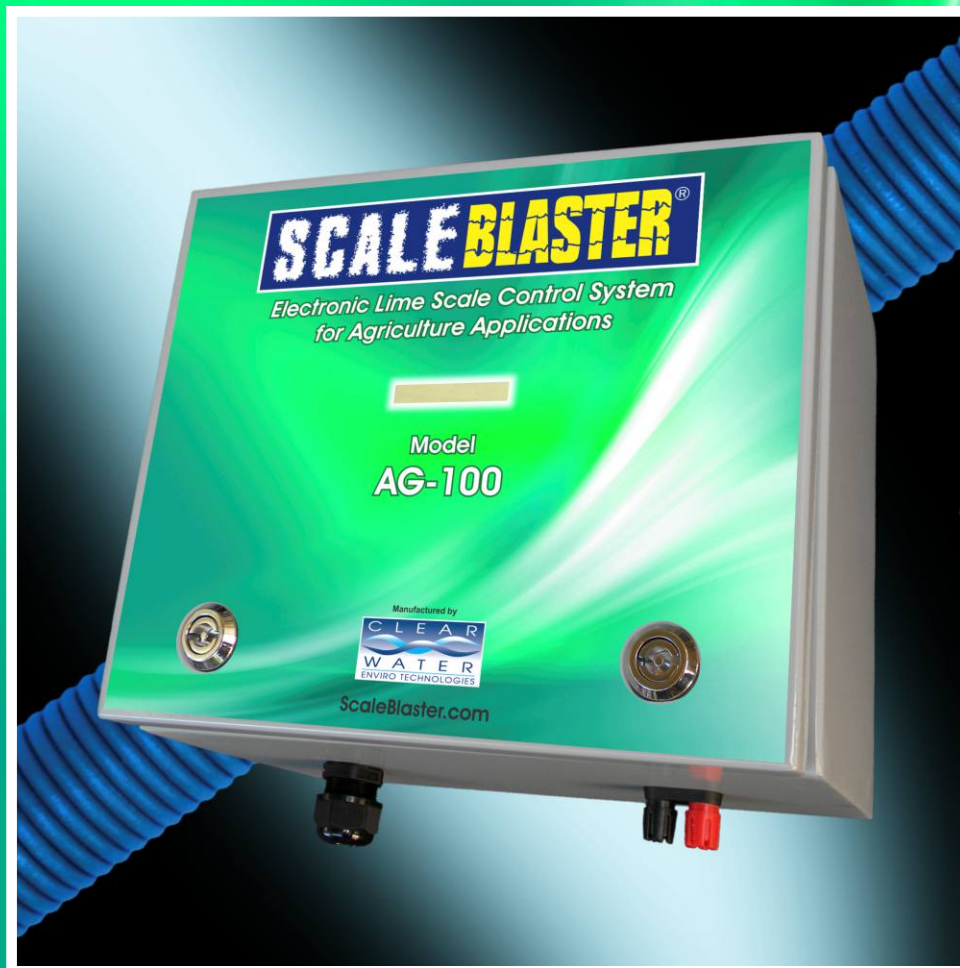


SCALE BLASTER®

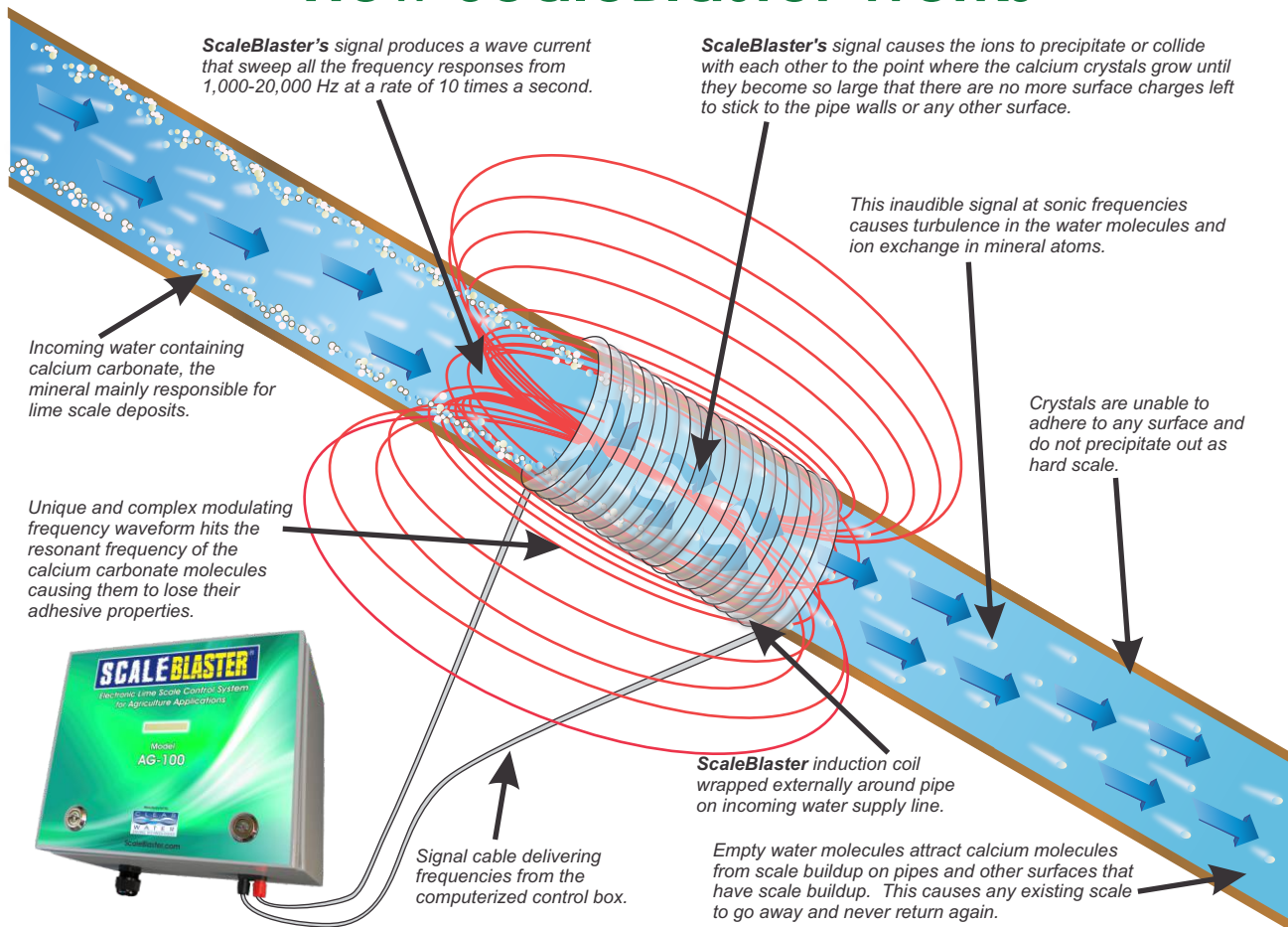
*Electronic Lime Scale Control System
for Agriculture Applications*

Model AG-100



up to 1 1/2" pipe

How ScaleBlaster Works



AG-100 ELECTRONIC DESCALER SPECIFICATION SHEET



PIPE SIZE CAPACITY: up to 1 1/2" pipe size diameter.

PIPE TYPE: PVC, CPVC, PEX or copper

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

INPUT POWER: 84 Watts

OPERATING TEMPERATURE: 32° F to 130° F

STORAGE TEMPERATURE: 10° F to 150° F

OUTPUT VOLTAGE: No more than 9 Volts DC (open circuit).

OUTPUT FUSE: 6 Amp, 250 VAC, 5x20 mm, Slow-Blow fuse, Radio Shack part # 270-1068

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 its adhesiveness.

ENCLOSURE DIMENSIONS: 11.81" x 9.84" x 5.91"

ENCLOSURE MATERIAL: 16 gauge steel, powder coated ANSI 61 gray. NEMA 12, 13, 4. Weatherproof enclosure.

SIGNAL CABLE: 18 AWG stranded wire, see coil chart for specific wire lengths.

WARRANTY: 5 years parts and labor

SHIPPING WEIGHT: 18 lbs.

CARTON DIMENSIONS: 16.375" x 14.25" x 9.75"



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