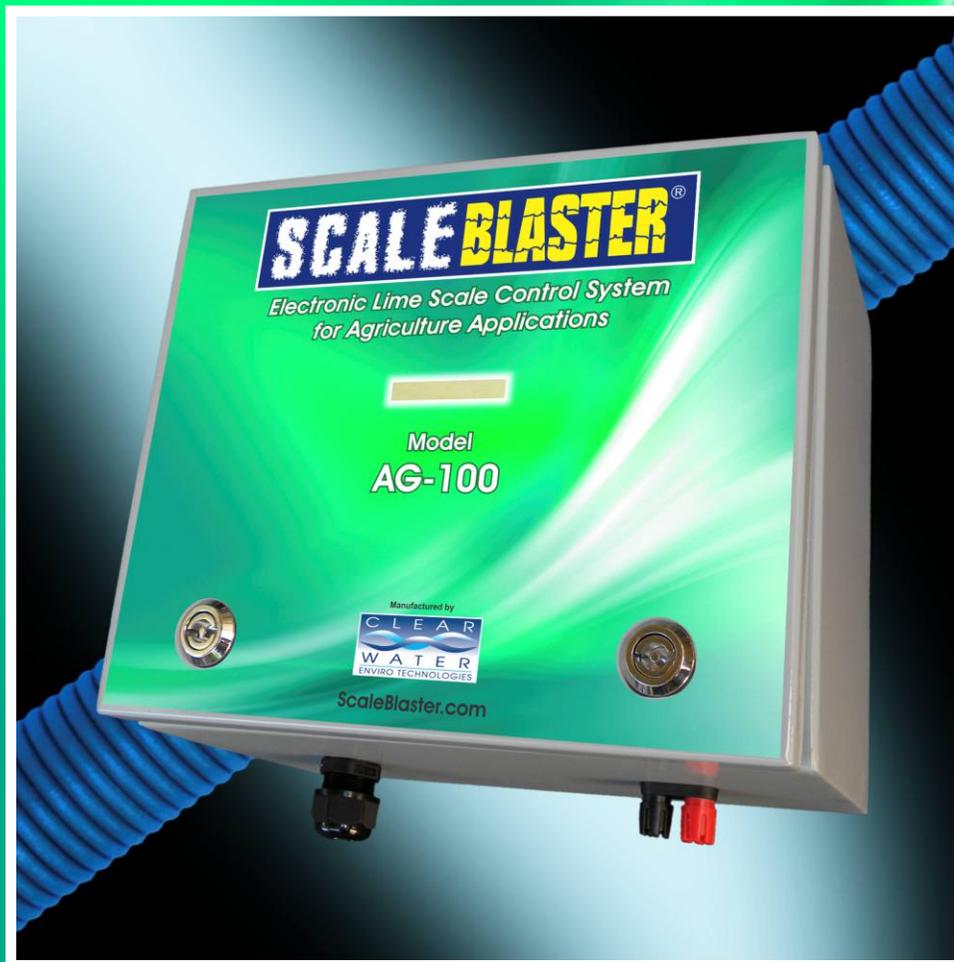


# SCALE BLASTER®

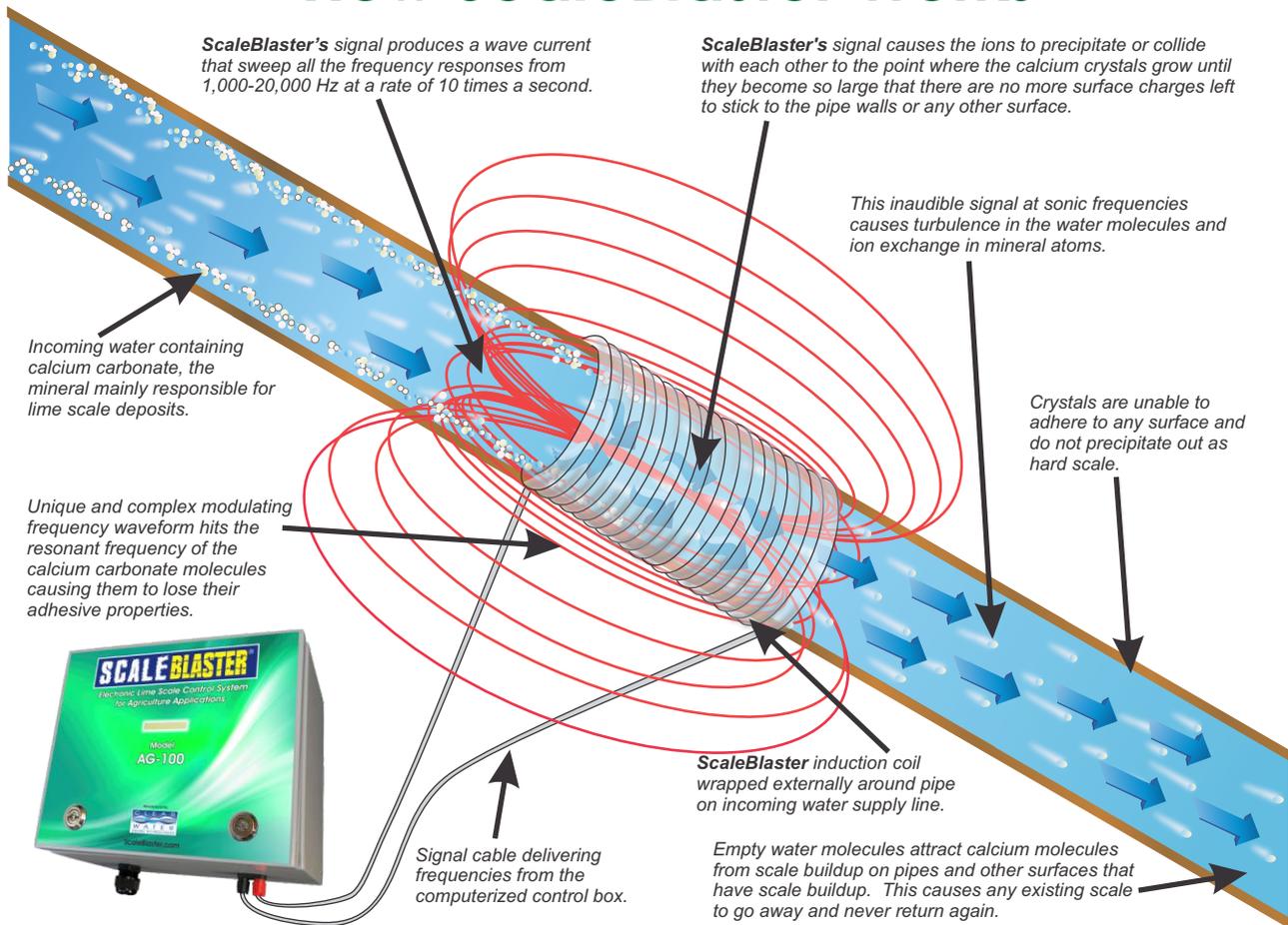
*Electronic Lime Scale Control System  
for Agriculture Applications*

**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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