

SCALEBLASTER[®]

WATER CONDITIONER

Chemical / Salt-Free Solution to Hard Water Problems

Electronic Lime Scale Control System
for Agriculture Applications

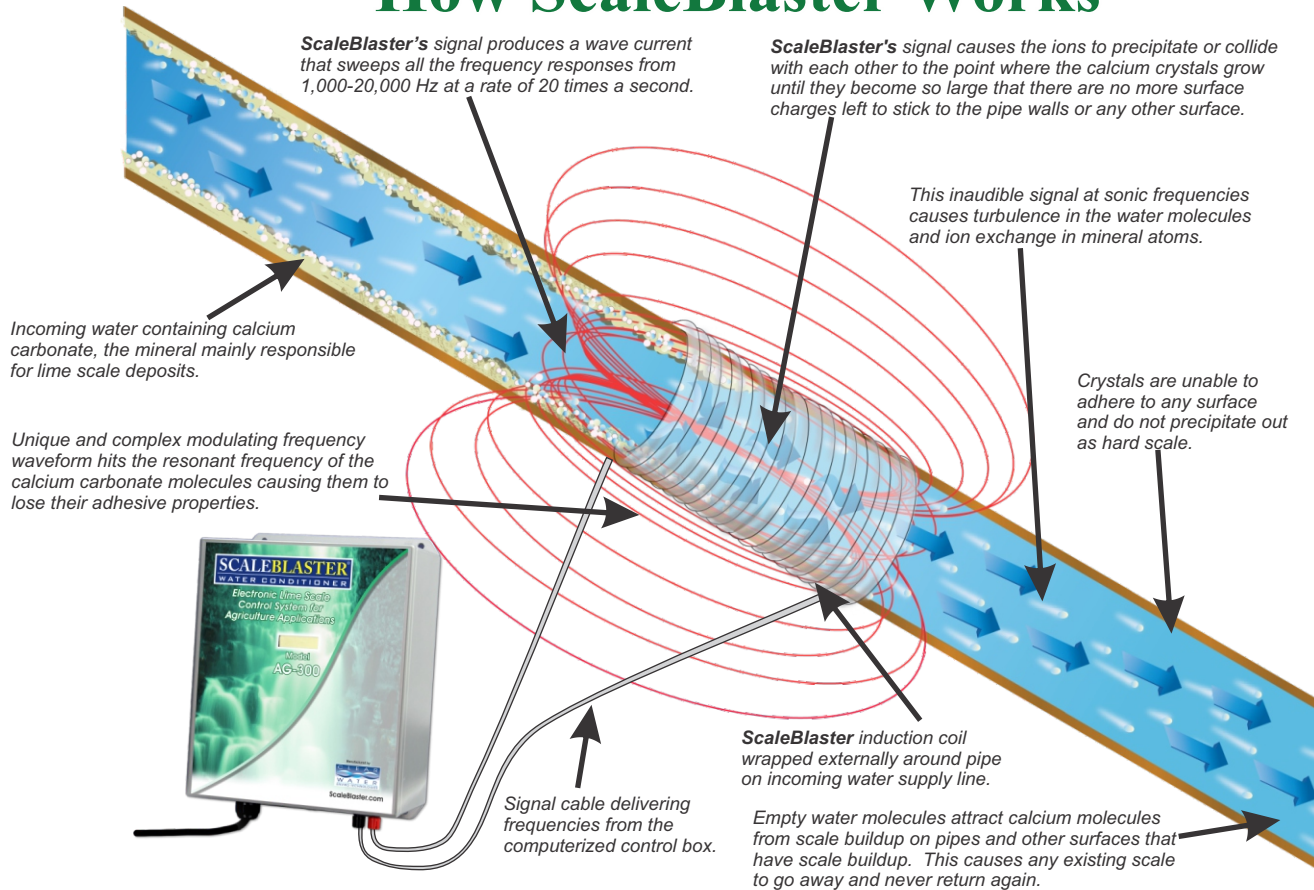
Model AG-300



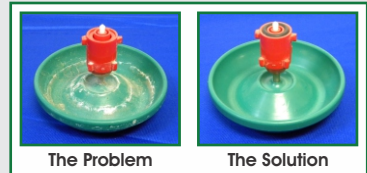
*Agriculture Model up to 3" pipe
Production & Processing Applications*

SPECIFICATION SHEET

How ScaleBlaster Works



AG-300 ELECTRONIC DESCALER SPECIFICATION SHEET



PIPE SIZE CAPACITY: up to 3" pipe size diameter.

PIPE TYPE: PVC, CPVC and PEX pipe only.

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

INPUT POWER: 84 Watts

CIRCUIT PROTECTION: fuse and spike/surge suppression

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

STATUS INDICATOR FUSE: 10 Amp, 250 VAC, 5x20mm, Slow-Blow fuse

DESCALING METHOD: The control box supplies a square wave signal to a coil of wire that is wrapped around the pipe. The signal sweeps all the frequencies from 1,000 to 20,000 Hz at a rate of 20 times a second. This produces a modulating frequency waveform that hits the resonant frequency of the calcium molecules causing them to lose its adhesiveness.

ENCLOSURE DIMENSIONS: 12" x 10" x 5"

ENCLOSURE MATERIAL: 16 gauge 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, 110 feet long.

WARRANTY: 5 years parts and labor.

SHIPPING WEIGHT: 20 lbs.

CARTON DIMENSIONS: 16.375" x 14.25" x 9.75"

