

# SCALE BLASTER®

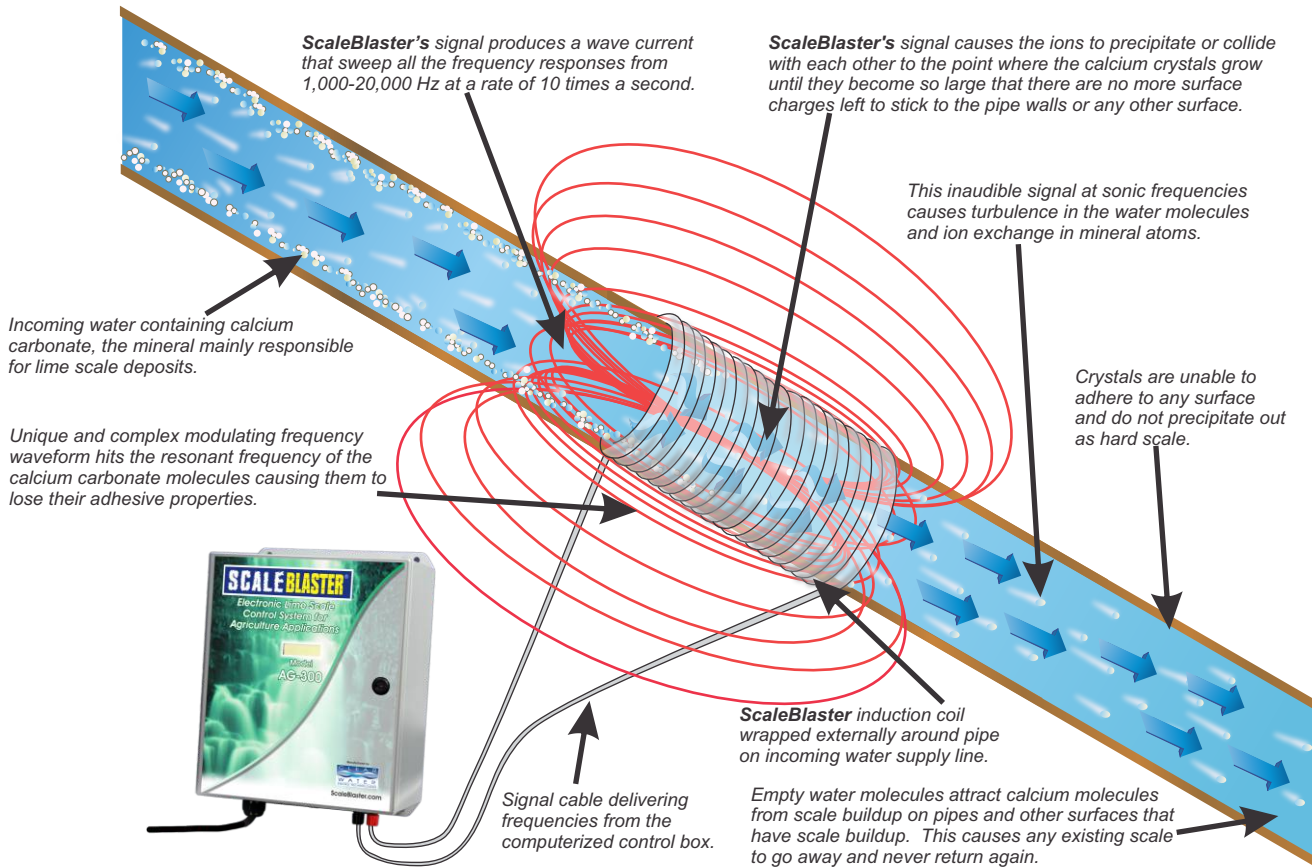
*Electronic Lime Scale Control System  
for Agriculture Applications*

**Model AG-300**



*up to 3" Pipe*

# How ScaleBlaster works



## AG-300 ELECTRONIC DESCALER SPECIFICATION SHEET



**PIPE SIZE CAPACITY:** up to 3" 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

**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 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:** 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"

