

# SCALEBLASTER<sup>®</sup>

WATER CONDITIONER

*Salt-Free Solution to Hard Water*

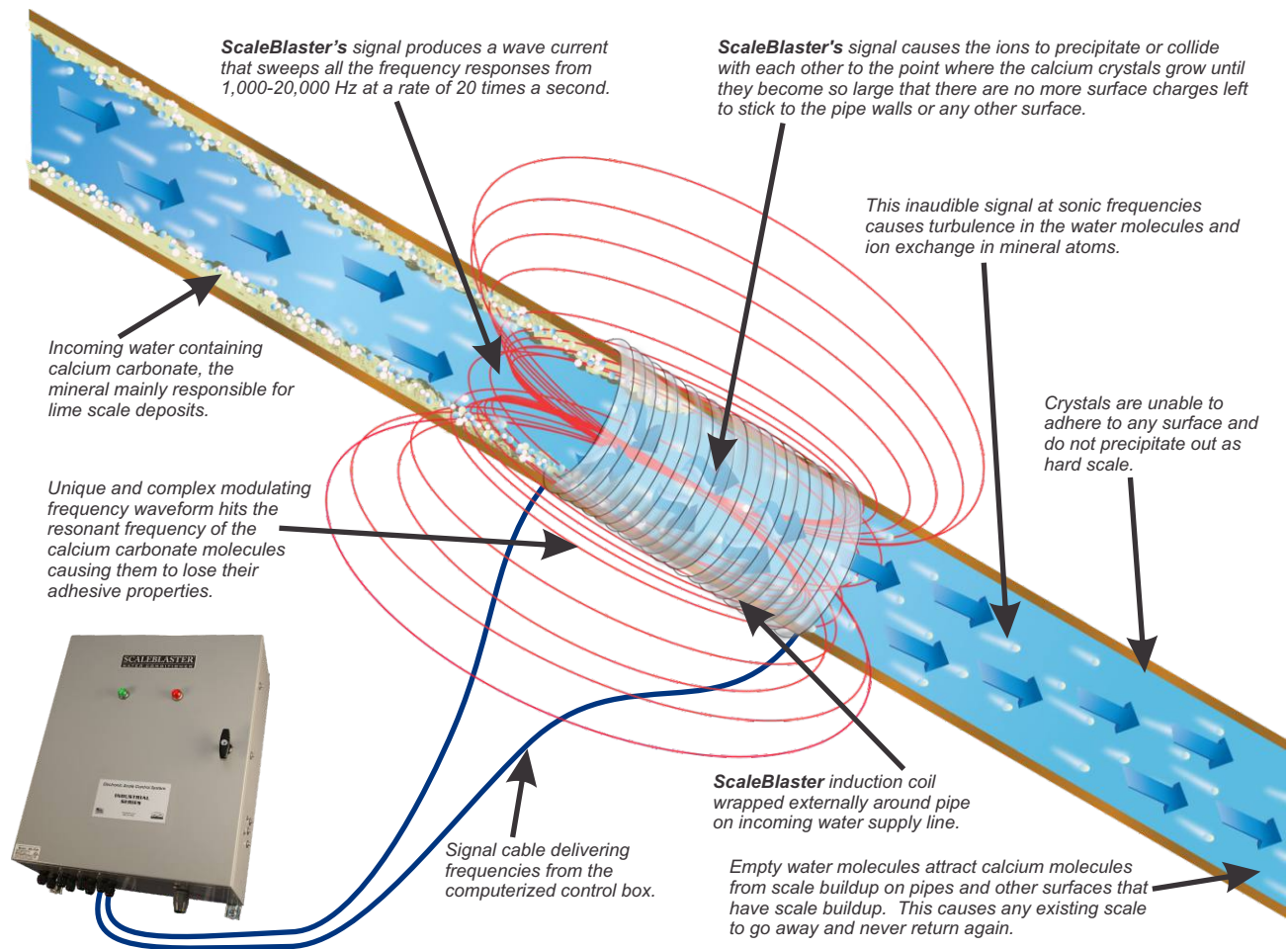
*Industrial Electronic Descaler  
Model SB-4000*



*Premium Model - up to 16" - 40" Pipe*

**SPECIFICATION SHEET**

# How ScaleBlaster Works



## SB-4000 ELECTRONIC DESCALER



**Input Voltage:** 90-264 VAC at 47-63 Hz

**Input Current:** 6A rush @ 115 VAC, 3A rush @ 230

**Number of Output Channels:** Four

**Output Voltage:** 20VDC

**Output Current:** 10 Amps Peak Min. @ 1KHz on all 4 channels\*\*

**Output Signal:** AC Square wave, Frequency user selectable:

Swept frequency from 1KHz to 5KHz | Swept frequency from 1KHz to 10KHz | Swept frequency from 1KHz to 15KHz

Swept frequency from 1KHz to 20KHz | Swept frequency from 1KHz to 2KHz | Swept frequency from 2KHz to 4KHz

**Circuit Protection:** Thermal overload protection on Switch-Mode Power Supply (SMPS), Over voltage protection on SMPS, Over current protection on SMPS, Micro-controller monitoring of enclosure/heatsink over temperature shutdown, Micro-controller monitoring of internal over temperature shutdown, Output sensing circuit for over current immediate shutdown protection, Mains input noise filtering

**Enclosure:** Wall mount, gray powder coated 14 gauge steel. Nema 4 and 12 rated. With Gland Plate and polycarbonate window.

**Operating Temperature:** 10° F to 130° F (12° C to 54° C)

**Storage Temperature:** 2° F to 150° F (17° C to 66° C)

**Warranty:** 3 Years parts and labor

**Physical Properties:**

**SB-4000 Unit Dimensions:** 30"x24"x8" (76.2cm x 61cm x 20.3cm) | **SB-4000 Unit Weight:** 96 LBS (43.5 Kg)

**SB-4000 Shipping Crate Dimensions:** 42"x36"x20" | **SB-4000 Shipping Weight:** 160 LBS\* (72.6 Kg)\*

\* Estimated shipping weight. (Varies with differing amounts of signal cable.)

\*\* Maximum coil inductance: 200uH. (See coil chart.)