

# SCALEBLASTER<sup>®</sup>

WATER CONDITIONER

*Salt-Free Solution to Hard Water*

*Model SB-ICE50*



*Complete Ice Maker package - Descaler & Filter*

**SPECIFICATION SHEET**

# SB-ICE50

What is the single most important cause of equipment failure in ice machines? The water. Water is known as the universal solvent in that it will dissolve bits of everything it comes into contact with. The formation of scale from hardness minerals is responsible for up to 70% of ice maker service calls. Scale build-up on machines surfaces reduces energy efficiency and ice production, interferes with the beverage quality and is the number one cause for machine failure and service interruption. Even though the water is not heated, hardness minerals tend to concentrate in the unfrozen water and precipitate out on the freezing surfaces, restricting tubes, orifices and valves. Ice in a scaled machines tends to stick to the scale, jamming the machine and stopping production. **ScaleBlaster** can prevent the scale formation forever, even removing the existing scale without salt, chemicals, or maintenance.

Chlorine, commonly used as a disinfectant, presents two problems for an ice machine. First, it can make the ice taste and smell bad, Second, it can cause pitting and corrosion on machine surfaces. Off-taste and odor can come from a range of contaminants in addition to chlorine. The **SB-ICE50** package includes a 1000-gallon filter to reduce the chlorine taste & odor.

## – Commercial Ice Maker use only –

- For commercial ice makers
- Complete ice maker package – descaler & filter
- Includes pre-wrapped pipe and coil
- Includes 1000-gallon filter to reduce chlorine & odor



## SB-ICE50 ELECTRONIC DESCALER

**PIPE SIZE CAPACITY:** 1/2" pre-wrapped coil included . Designed for commercial ice maker use only. UL listed transformer. CE approved.

**PIPE TYPE:** PVC, CPVC, PEX, Copper or any non-ferrous based pipe.

**INPUT VOLTAGE/CURRENT:** 100 to 120 VAC, @ < 500mA, supplied through a wall mount power supply

**INPUT POWER:** 15 Watts

**OPERATING TEMPERATURE:** 32° F to 130° F

**STORAGE TEMPERATURE:** 10° F to 150° F

**OUTPUT VOLTAGE:** No more than 5 Volts DC (open circuit).

**DESCALING METHOD:** The control box supplies a square wave signal to a coil of wire that is wrapped externally around the incoming pipeline entering the home. 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:** 7.5" x 4.75" x 2.125"

**ENCLOSURE MATERIAL:** Made out of high-impact ABS molded plastic,

**SIGNAL CABLE:** Comes with pre-wrapped pipe, 1/4", with "Quick Connect" fittings. 18 gauge wire

**WARRANTY:** 5 years parts and labor.

**SHIPPING WEIGHT:** 3 lbs.

**CARTON DIMENSIONS:** 12" x 10.25" x 5.5"

