

# SCALE BLASTER®

## SB-ICE50

### Installation & Operations Manual



Commercial Ice Maker - Descaler & Filter

# A.) IDENTIFY THE SB-ICE50 COMPONENTS

Your new **ScaleBlaster** SB-ICE50 unit includes the following components:

1.) One (1) SB-ICE50 power unit



2.) One (1) AC adapter - 120 volt class 2, UL approved transformer with 9 volt DC output



3.) One (1) ICE-10 filter, 1/2" NPT fittings, 1000 gallon filter to reduce the chlorine taste and odor



4.) One (1) pre-wrapped pipe with 1/4" quick connect fitting on each end, 18 gauge wire

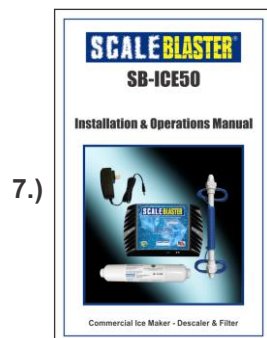
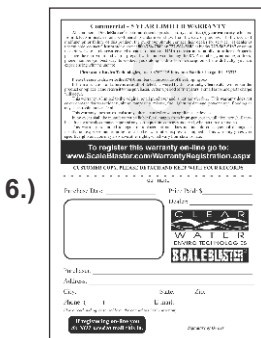


5.) Two (2) nylon cable ties



6.) Warranty card

7.) Installation & operation manual



## B.) LOCATION OF THE SB-ICE50 UNIT

- 1.) The most desirable place to install the unit is on the main water line that enters the ice machine.
- 2.) The power unit should be mounted on a wall or other solid surface within six feet from an electrical outlet and within two feet from the inductor coil (the pre-wrapped pipe).

**Note:** If the electrical outlet is further than six feet from the power unit location, simply use a standard household extension cord to reach the electrical outlet.

- 3.) Once the main water inlet pipe to the ice machine is located, identify a section of line that is at least two feet straight and at least one foot away from any major electrical interference, example - an electric motor.

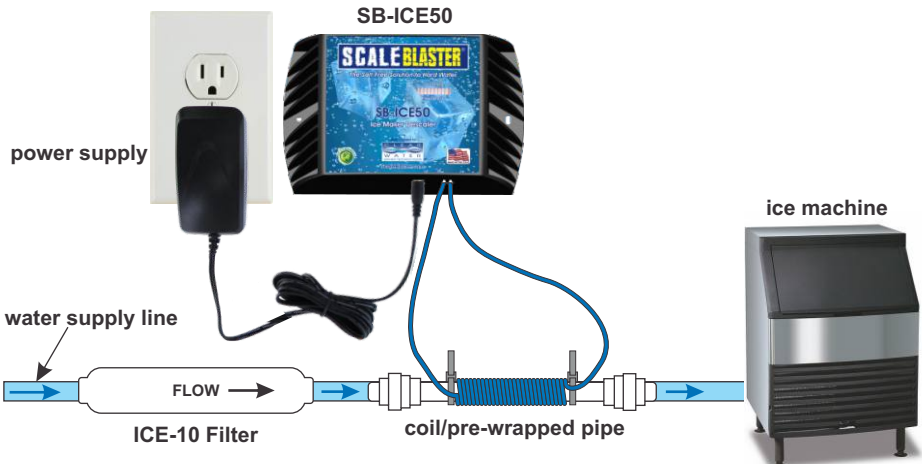
## C.) MOUNTING THE POWER UNIT

The unit must be mounted indoors in an upright vertical position on a wall or other non-enclosed area. **If mounted outdoors, the unit will need to be covered from the elements.** The picture to the right shows the location of the mounting holes. The installer must supply the mounting screws for the type of surface the unit will be mounted on. (We recommended a number 8 screw.)



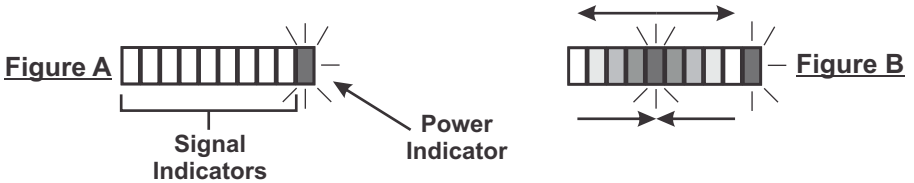
## D.) INSTALLING THE FILTER AND THE SIGNAL CABLE

- 1.) Install the ICE-10 filter on the water supply line going into the ice machine using the 1/2" NPT fittings on the filter.
- 2.) Unscrew one of the receptacles on the power unit and put in the wire from the pre-wrapped coil and screw down the receptacle.
- 3.) Install the pre-wrapped coil on the water supply line **after the filter** using the 1/4" quick connect fittings.
- 4.) Unscrew the other receptacle and put the other wire in and then screw down the receptacle.



## E.) ACTIVATING THE SYSTEM

- 1.) Once the filter and the power unit have been installed and the pre-wrapped pipe has been connected, insert the connector end of the AC power adaptor into the power unit.
- 2.) Plug in the transformer end of the cord into a 110-volt electrical outlet.
- 3.) Operation of the **ScaleBlaster** SB-ICE50 system can be confirmed by observing the illumination of the LED indicator located on the face of the power unit. Power on - green light on far right side will stay lit (**Figure A**). When pipe is wrapped and unit is turned on the far right light will stay lit and the other lights will oscillate back and forth (**Figure B**).



## F.) MAINTENANCE

The best feature of the **ScaleBlaster** SB-ICE50 is that there is NO MAINTENANCE REQUIRED, except for changing the filter, which is required after 1000 gallons of water use. No salt, batteries, moving parts or costly repairs. Just check the LED light for proper operation. The unit has a full 5-year parts and labor warranty (see warranty card), except for the filter.



**Made in USA**



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