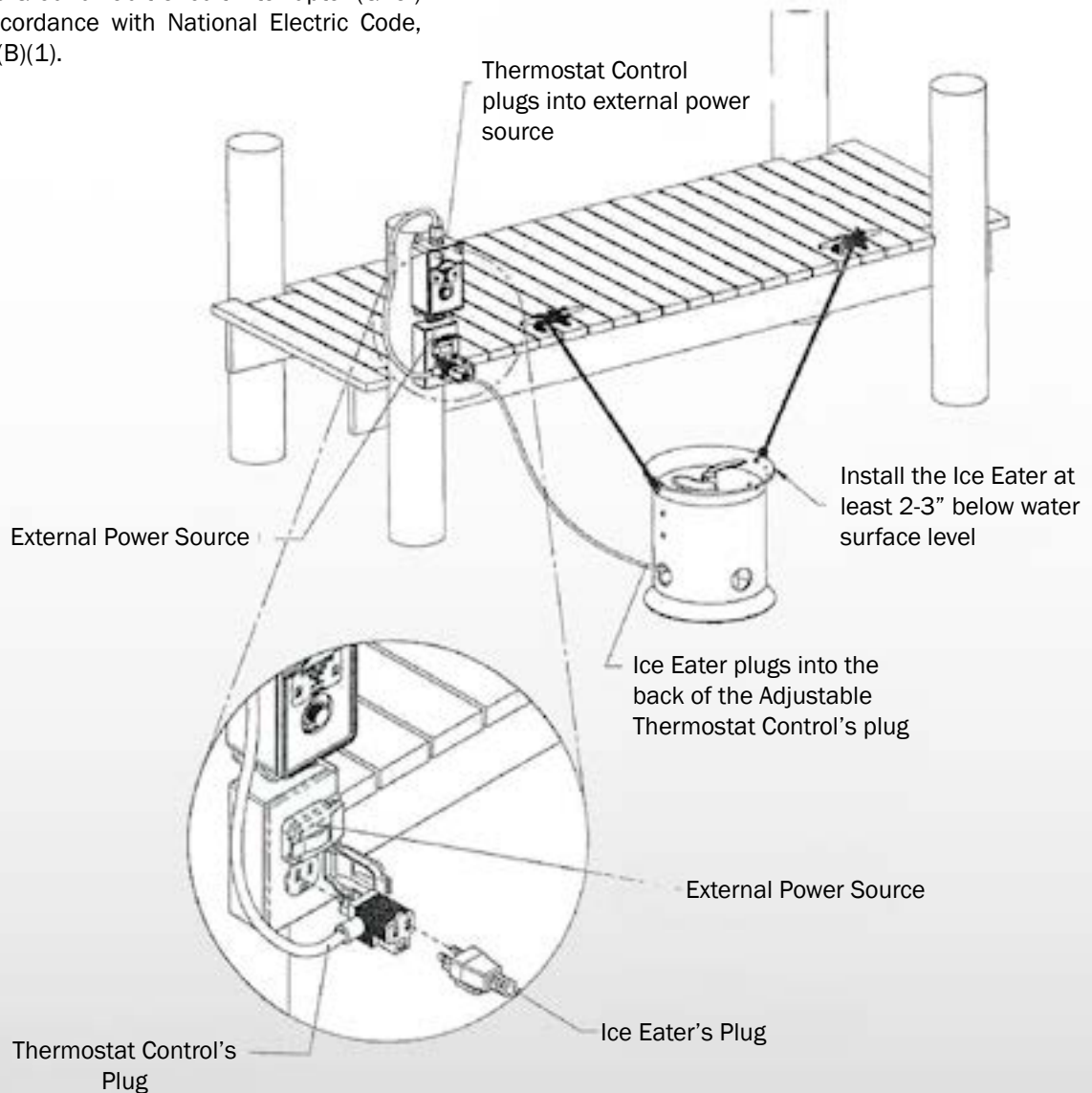# Hydrasearch

Thermostat Control Instruction Guide

INSTALLATION

1. Thermostat control must be mounted on a vertical surface close enough to the power supply to allow at least a slight slack in the power cord.
2. Select the screw(s) with which to mount your Thermostat Control. You will need two for the mounting holes at the top of the box and one for the mounting hole located at the bottom of the C-10 box.
3. IMPORTANT: Thermostat Control is designed to operate one Ice Eater. For best results, avoid mounting the Thermostat Control in direct sunlight or below the snow line.
4. WARNING: Do not submerge in water. Temperature Control measures ambient air temperature and must be mounted. Use Ground Fault Circuit Interrupter (GFCI) Protection in accordance with National Electric Code, Section 555.19 (B)(1).

OPERATION

1. Plug the Thermostat Control's Power Cord into a properly grounded outlet. ONLY 230V can be hard wired.
2. Set the desired temperature by rotating the thermostat dial to the arrow. Hydrasearch recommends setting the temperature to 32°F. When ambient air temperature is less than or equal to the set temperature, the connected Ice Eater will turn on.
3. There is a 2.5°F shut-off differential; the connected Ice Eater will not turn off until ambient air temperature rises 2.5°F above the set temperature.
4. (For thermostats that are not hardwired) After installing the Ice Eater, plug the Ice Eater into the piggyback plug of the Thermostat Control.

Thermostat Control plugs into external power source

External Power Source

Install the Ice Eater at least 2-3" below water surface level

Ice Eater plugs into the back of the Adjustable Thermostat Control's plug

External Power Source

Thermostat Control's Plug

Ice Eater's Plug

ICE EATER
by Hydrasearch