Thank you for purchasing an **Ice Qube** product. **Ice Qube Condensate Evaporator** systems provide a method of eliminating the excessive moisture produced by air conditioning equipment during humid weather or when enclosures may not be sealed. This system should provide many years of trouble-free operation with a minimal amount of maintenance (see below)

Ice Qube Condensate Evaporator systems are shipped complete with an over temperature safety thermostat (manual reset), operation indicator lamp, over-flow drain nipple and power cord. The float switch senses the level of moisture in the pan and automatically cycles the evaporative heating element as required.

Installation

Please read complete instructions thoroughly before beginning installation.

Ice Qube Condensate Evaporator systems are shipped to you fully assembled. All that is required is the drilling of two holes for mounting, connection of the condensate tubing, and plugging in the power cord.

1. Prepare the enclosure, or mounting surface by drilling two holes for the #8-32 mounting screws. See drawing for hole location and hole size. Install the screws through the mounting surface and into the two mounting holes on the side of the system.

2. Install drain tubing from the condensate source to the .375 OD intake nipple located on the top of the system. Be sure that there is a downward pitch to the tubing to assure gravity flow. The nipple located on the front of the system is the over-flow nipple. Tubing to this nipple is optional. (see drawing for nipple location)

3. Attach the power cord to a properly grounded receptacle of proper voltage and current. See system data tag for electrical operating characteristics.

4. After applying electrical power to the system, the fan and operation indicator lamp should begin operation immediately. *Listen for any unusual noise or vibration*. If the fan and lamp do not begin to function immediately, check the fuse located in the electrical box. If the fan operates but the lamp does not illuminate, the safety thermostat must be reset. (requires removal of bottom plate) *When resetting the thermostat, be careful to not touch the wiring terminal to avoid electrical shock.* The evaporative heater will be energized by the float switch when water reaches the proper level.

Maintenance

Periodic inspection of the connecting tubing, nipples, float switch and water basin for scale and mineral deposits is recommended. Scale and mineral residues should be removed to keep the system operating at peak performance. The fan should also be checked for dust build-up. *It is recommended to remove power from the system and allow a cool down period before performing maintenance, replacing the fuse, or resetting the safety thermostat.*