

IMPORTANT SAFETY INSTRUCTIONS

READ & FOLLOW ALL INSTRUCTIONS

When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

WARNING: Cutting the cord from the power supply to the ChlorMaker cell voids the warranty. Damage will occur if the connection is reversed.

WARNING: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

WARNING: Use ChlorMaker only according to these instructions. Any modification or misuse of this product will void the warranty.

WARNING: Install ChlorMaker in accordance with all national and local electrical, plumbing, safety, and other applicable codes.

WARNING: Connect ChlorMaker to a GFCI (ground fault circuit interrupt) or GFI (ground fault interrupt) protected VAC power source only.

WARNING: Protect the power supply and outlet from exposure to the elements including direct sun, rain, snow, condensation, etc.

WARNING: DO NOT use with extension cord. Injury may result.

WARNING: DO NOT operate ChlorMaker if damaged in any way.

WARNING: DO NOT pull on the cord to disconnect the Power Supply from power source. Do not allow the cord be walked on, or to rest on sharp edges or corners. Do not drop, throw, or otherwise rough handle ChlorMaker.

WARNING: DO NOT operate or leave the power supply in temperatures below 32°F or 0°C. The power supply may not survive in extremely cold temperatures.

WARNING: Disconnect, remove and store ChlorMaker indoors when spa has been winterized or drained.

CAUTION: Leave spa cover open at least 1 minute to allow trapped gases to escape prior to use.

CAUTION: Measure water quality parameters and adjust if necessary prior to each spa use.

CAUTION: ChlorMaker doesn't measure the chlorine level and must be adjusted properly in order to not over-chlorinate your spa. Over-chlorination can lead to spa damage and un-healthy water conditions.

WARNING: Remove the ChlorMaker cell from the SPA when using the SPA.

WARNING: DO NOT handle the ChlorMaker cell during chlorine production (visible bubbling). Slight discomfort may be felt in cuts, sores, or sensitive skin areas due to chlorine concentration and the electrolysis process.

WARNING: DO NOT insert objects into, or tamper with the ChlorMaker cell in any way. Inserting metal objects into the cell may cause damage and void the warranty.

WARNING: DO NOT plug ChlorMaker control box directly into the VAC supply, this will damage the ChlorMaker. Always use the low voltage power supply.

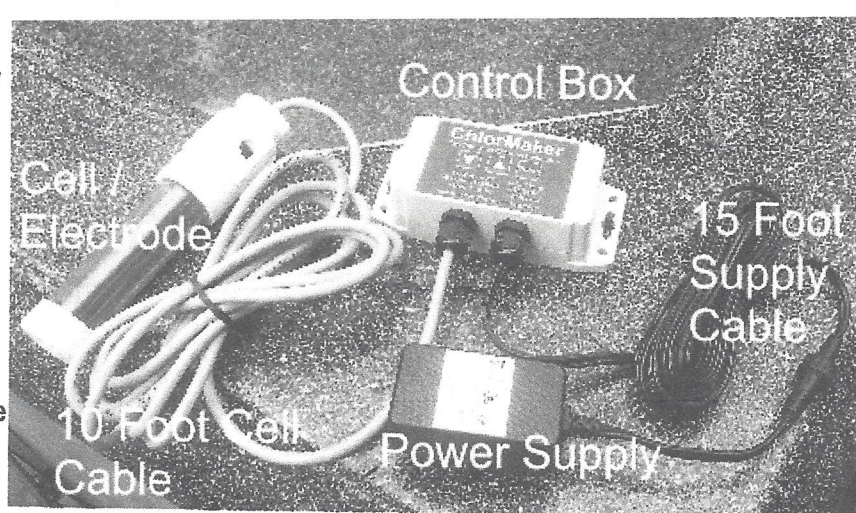
SAVE THESE INSTRUCTIONS

Repair the SPA

Drain and clean the spa, refill and add salt. Allow the water to get to over 95°F and balance the water.

Installation Steps

1. Install a protected electrical outlet, if not already available near, the spa for the Power Supply
2. Mount the control Box
3. Drape the ChlorMaker cell over the side of the spa, ensure it is hanging vertically
4. Turn the ChlorMaker on
5. Set the power level



Power Supply

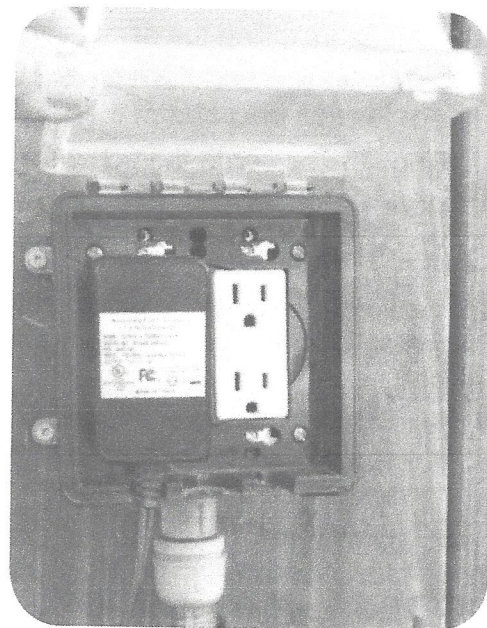
The power supply supports 100 to 240 VAC with an output voltage of 5.5 VDC. The supply cord from the Power Supply to the ChlorMaker control box is 15 feet. Installing any equipment inside the spa equipment compartment may void the spa warranty or void the safety certification of the spa and is not recommended.

110 VAC Electrical Outlet

Locate a GFCI protected outlet near the spa. **WARNING: A 110 VAC GFCI or GFI protected outlet is required.** A weather protective cover is required to house the power supply at the power source connection. Weather protective covers are available at most local hardware stores. If an outlet needs to be installed, have a licensed electrician add a 110 VAC GFI protected outlet.

220 VAC Electrical Outlet

The power supply plug style is for 110 VAC. Have a licensed electrician install a 220 VAC GFI protected connection near the spa that will accept a 110 VAC style plug. The outlet may need to be a minimum distance from the spa and the local electrical codes should be checked.



Power Supply Connector

Remove the tie straps from the ChlorMaker power supply cable and route the cable to the outlet, do not plug in yet. The cable should already be attached to the power supply, the connector has 2 metal pins, one is round and the other is rectangular and can only go in one way, reversing the connection will damage the ChlorMaker. The ChlorMaker includes 2 cable clips, use one (3/16" with a #6 x 1/2" screw) to attach the cable to a solid surface if necessary.

Cold Weather Operation

The power supply is not designed for temperatures below 32°F or 0°C. If this can't be avoided store the power supply in a warm location when the temperature is low or install the power supply in the spa equipment area where there is some protection.