



Power Pack Mounting Template

Use this template to drill holes for mounting the power pack

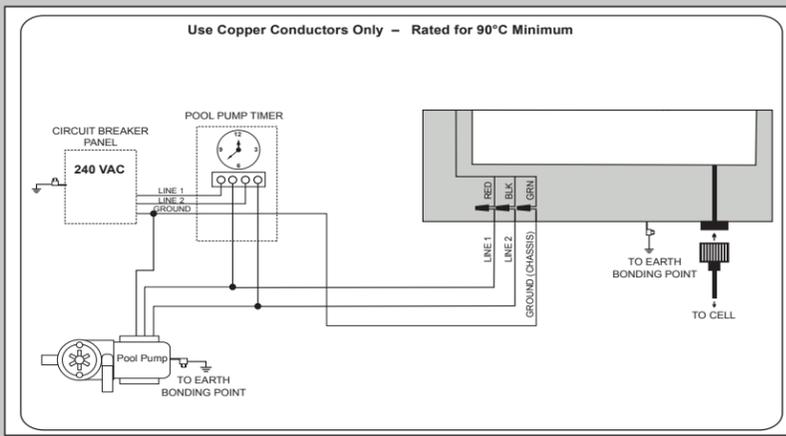
Top Left Mounting Indicator



Quick Start Guide



Wiring Diagram



Control Panel



This controls the operational mode of the chlorinator between auto and standby.

- In Auto mode, the system will produce chlorine when the system is powered and when it detects flow through the cell.
- In Standby mode, the system will NOT produce chlorine, even when the pump is running and the system detects flow through the cell.



In normal operation, the up and down arrows are used to set the output level of the chlorinator. The output should be adjusted in order to achieve the desired Free Available Chlorine level of 2-4 ppm.



The back/save button will save any changes you have made in the menu and send you back to the previous menu screen.



The select button will scroll through and open any available parameters for editing.

Important Safety Instructions

All electrical work must be performed by a licensed electrician and conform to all national, state, and local codes. When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

⚠ WARNING

EQUIPMENT UNDER PRESSURE: Always turn pump off prior to installing or servicing the power pack or cell. Your pump/filter system is operated under pressure and the pressure must be released before you begin work. Please see your pump/filter owner's manual for further instructions.

⚠ WARNING

To reduce the risk of electric shock, fire or injury, service should only be attempted by a qualified pool service professional.

⚠ WARNING

Jandy® Pro Series chlorine generating devices are designed for domestic (residential) swimming pool use only. Contrary use could affect performance, void warranty, and may result in property damage, serious injury, or death.

- Operating a chlorine generator without water flowing through the cell may cause a build up of flammable gases, resulting in fire or explosion.
- Keep equipment out of reach of children.
- A damaged supply cord should only be replaced by the manufacturer, service agent or electrician.
- When installing and using this electrical equipment, always follow basic safety precautions.
- Before performing installation, disconnect all power.
- Connect to a circuit that is protected by a ground-fault circuit interrupter (GFCI).
- Do not install within an outer enclosure or beneath the skirt of a hot tub or spa.

⚠ WARNING

Installation must be done in accordance with the National Electrical Code® ("NEC®" or NFPA-70®) in the US, the Canadian Electrical Code ("CEC" or C22.1) in Canada, and/or any other local and national installation codes.

RISK OF ELECTRIC SHOCK, FIRE, PERSONAL INJURY, OR DEATH. Connect only to a branch circuit that is protected by a ground-fault circuit interrupter (GFCI). Contact a qualified electrician if you cannot verify that the circuit is protected by a GFCI. Make sure such a GFCI is provided by the installer and should be tested on a routine basis. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective. If the GFCI interrupts power to the pump without the test button being pushed, a ground current is flowing, indicating the possibility of electrical shock. Do not use the device. Disconnect the device and have the problem corrected by a qualified service representative before using.

A green/yellow grounding wire is provided inside the power pack. To reduce risk of electric shock, connect the ground wire to the grounding wire that is supplying power to the unit.

⚠ WARNING

The power pack must be interlocked/interconnected with the pool pump motor power source to ensure that the chlorinator only operates when the pool pump is operating.



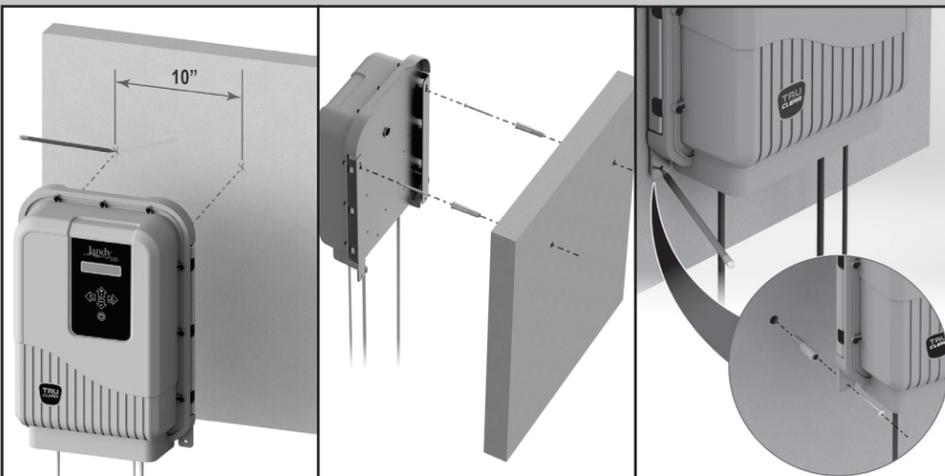
TruClear™ Chlorine Generating System

FOR YOUR SAFETY - This product must be installed and serviced by a contractor who is licensed and qualified in pool equipment by the jurisdiction in which the product will be installed where such state or local requirements exist, the maintainer must be a professional with sufficient experience in pool equipment installation and maintenance so that all of the instructions in this manual can be followed exactly. Before installing this product, read and follow all warning notices and instructions that accompany this product. Failure to follow warning notices and instructions may result in property damage, personal injury, or death. Improper installation and/or operation will void the warranty. Improper installation and/or operation can create unwanted electrical hazard which can cause serious injury, property damage, or death. Turn off all circuit breakers required in order to prevent the possibility of electric shock.

Installation and operation manual (H0470600), available online at www.ZodiacPoolSystems.com or by calling:
USA: 1-800-822-7933 | CANADA: 1-888-647-4004 | AUSTRALIA: 1800-688-552

1 Installing the Power Pack

1. Ensure placement of the cell and the power pack will meet all the installation requirements outlined in the Installation Manual.
2. Determine the desired location on the wall to mount the Power Pack.
3. Mark and drill the top two holes in the wall, using the template provided on the right hand side of this Quick Start Guide. The distance from the center of the two holes is 10 inches. Use a level and the template to locate the exact position of the holes.

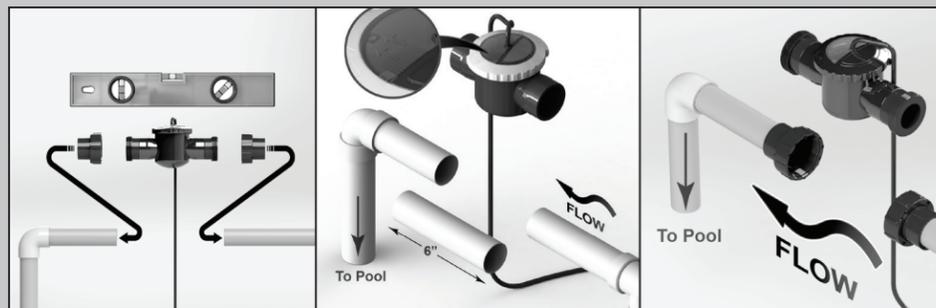


4. Drive the screws into the holes and hang the Power Pack from the top two holes of the backplate.
5. With the Power Pack in place, mark the position of the bottom two holes.
6. Remove the Power Pack, drill the bottom two holes and place the screw anchors in position.
7. Mount the Power Pack by hanging it from the top two screws already in place, then drive in the two bottom screws to complete the installation.

2

Installing the Cell

1. Determine the desired location for the cell as the last piece of equipment before the return inlet to the pool, on a pipe segment at least 16 inches long. The cell must be mounted upright on pipe which runs within $\pm 5^\circ$ of level (parallel to the ground). The cell cannot be mounted on a vertical, or sloping pipe.
2. Make the appropriate cuts in the pipe where you will be installing the cell. The gap between the cuts should be 6 inches for a standard installation and 14.5 inches for the retrofit installation.

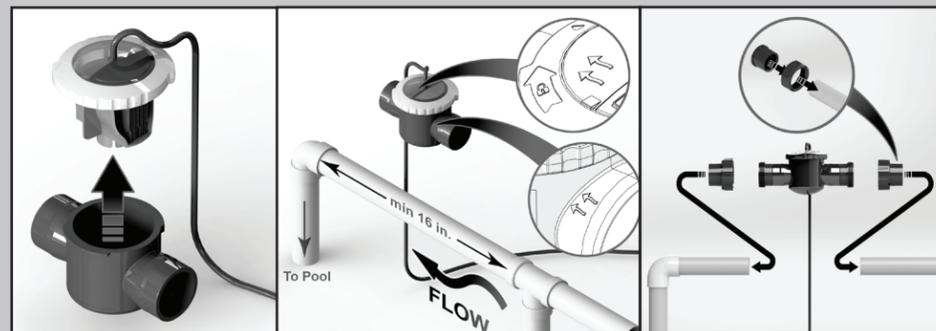


Must be horizontal with cell window facing up

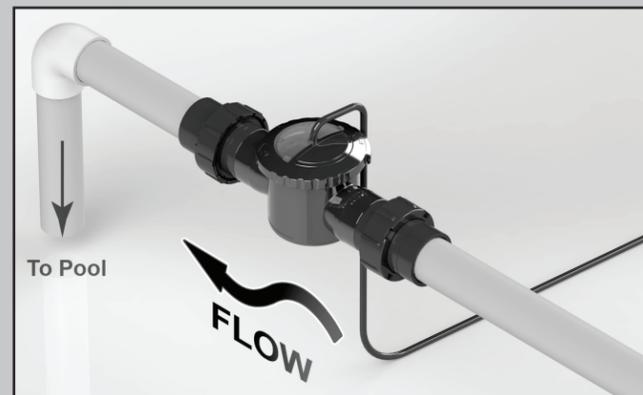
Standard Installation

Retrofit Installation

3. Remove the cell from the housing and plumb the housing into the pipe, making sure that the flow indicator arrows on the housing match the flow direction of the water. It must be mounted upright and horizontally, with the cable exiting the top and facing upward. Pipes must be clean and dry before gluing.



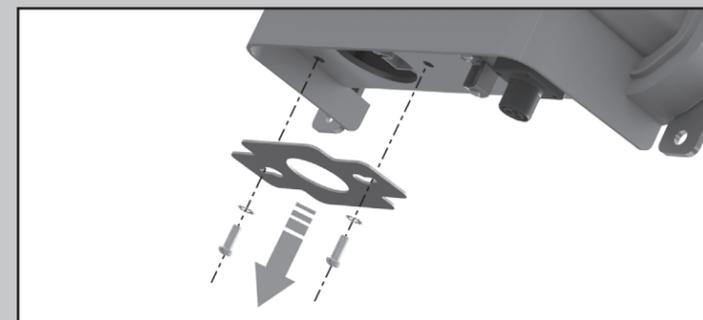
4. Let the system dry per instructions provided by the glue manufacturer. When the glue is dry, start the system and check for proper water flow.



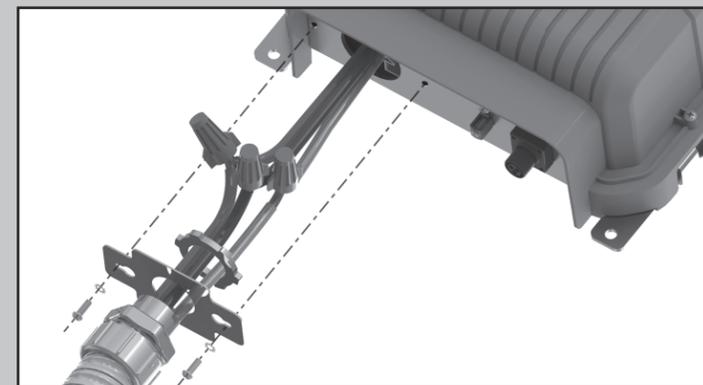
3

Wiring the Power Pack to the Power Source

1. Wire power pack to pool pump power source using 12 AWG (3.3 mm²) insulated wire and conduit. Wire the power pack to the LOAD side of the pool pump timer relay so that the chlorinator can only come on when the pool pump is turned on. See Wiring Diagram.
2. Remove the electrical mounting plate that feeds the power cable to the power pack.



3. Feed the power cable through the mounting plate.
4. Connect the conduit to the mounting plate.
5. Make the wire connections. Note: The green (or Green/Yellow) wire should be connected to ground.



6. Place all of the wire connections and cables inside the power pack and secure the mounting plate tightly.
7. Plug the cell into the power pack.

