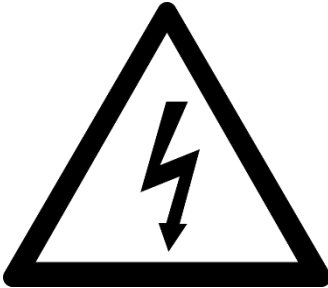




OPT-PCB-RITE

Installation Manual

Replacement circuit board for Hayward®/Goldline® AquaRite® salt systems



Caution!

Electrical Hazard Warning:

Always take proper precautions when working with electricity.

Failure to follow these instructions and basic safety precautions can result in equipment damage, injury, or death.

Optimum Pool Technologies, Inc. recommends that all electrical connections be made by a trained and licensed professional. Consult local building codes for detailed information concerning specific requirements in your area.

Technical Support: 1-800-391-9936

Tools requires:

- **Phillips head screwdriver**
- **5/16" nut driver**
- **Needle nose pliers**

Installation Instructions:

- 1. Shut off power to the system at the circuit breaker.**
- 2. Unplug the salt cell and the flow switch from the system.**
- 3. Remove metal faceplate from the system.**
- 4. Remove the display circuit board along with plastic leg supports.**
- 5. Remove old circuit board.**
 - a. Remove power input wires from the power input screw terminals (take note of the color and position of the power input wires and the power input jumpers, see diagram below).**
 - b. Remove all color-coded wire spade connectors from circuit board.**
 - c. Loosen (do not remove) circuit board retaining screws at the bottom of the circuit board.**
 - d. Lift out old circuit board.**
 - e. Remove any plastic support legs and set aside.**
- 6. Configure power input jumpers on new circuit board for 110V or 220V power input (See diagram below).**
- 7. Install new circuit board.**
 - a. Place plastic support legs from old circuit board into new circuit board.**
 - b. Place new circuit board in system box and tighten retaining screws.**
 - c. Carefully connect all color-coded wire spade connectors to their corresponding color-coded terminals on the new circuit board. Improper connection of these wires will cause damage to the circuit board and other components and will void any warranty.**
 - d. Connect power input wires to power input screw terminals (configure power input screw terminals to match the configuration of the old circuit board).**
 - e. Double check all connections.**

8. **Install display board, take care that the communication pins on the main circuit board are inserted properly into the back of the display circuit board.**
9. **Replace metal faceplate.**
10. **Plug in salt cell and flow switch.**
11. **Restore power to the system from the circuit breaker.**

