



# S3 Replacement PCB

## Owner's Manual

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GLXS3PCB

Hayward Industries  
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Charlotte, NC 28203  
Phone: (908) 355-7995  
[www.hayward.com](http://www.hayward.com)



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## IMPORTANT SAFETY INSTRUCTIONS

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

### READ AND FOLLOW ALL INSTRUCTIONS

#### **WARNING**

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** or **CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- **▲ WARNING:** Even used batteries may cause death or serious injury.
- **▲ WARNING:** Call a local poison control center for treatment information.
- **▲ WARNING:** Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- **▲ WARNING:** This product contains non-rechargeable batteries. Do NOT force discharge, recharge, disassemble, heat above 85°C, or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.
- **▲ WARNING:** This product contains non-replaceable batteries. Do NOT under any circumstances attempt to remove or replace the factory-installed battery.
- **▲ WARNING:** Non-rechargeable batteries are not to be recharged.

**NOTICE:** This product contains a Panasonic BR1225 coin-type lithium battery.

**NOTICE:** The nominal voltage of the battery contained within this product is 3V.



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## Certificate of Conformity

Product: AQRS3 & AQRS3 Omni Series

CPSC Regulation: Safety Standard for Button Cell or Coin Batteries and Consumer Products Containing Such Batteries  
Underwriters Laboratories UL 4200A-2023

Manufacturer: Hayward Industries  
1415 Vantage Park Drive, Suite 400,  
Charlotte, NC 28203  
Technical Service Phone: (908) 355-7995

Manufacture Location: Hayward Industries, 61 Whitecap Drive,  
N. Kingstown, RI 02852

Date Manufactured: The serial number consists of 14 characters  
Example serial number: 1A23045-1045631  
The 3rd - 4th digits are the year  
The 5th - 7th digits are the # day of year  
Example above is the 45th day of 2023

Test Report By: Hayward Industries  
One Hayward Industrial Drive, Clemmons, NC 27012  
Phone: (908) 355-7995  
Test Report: March 2024

I hereby certify that the finished product(s) covered by this certificate comply with the rules, bans, standards, and regulations stated herein, and that the information in this certificate is true and accurate to the best of my knowledge, information, and belief. I understand and acknowledge that it is a United States federal crime to knowingly and willfully make any materially false, fictitious, or fraudulent statement, representation, or omission on this certificate.



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## Introduction

### Background

The GLXS3PCB is a replacement main printed circuit board (PCB) for the AQRS3 line of chlorinators. The GLXS3PCB replaces the original PCB in these products. To replace the board, follow the replacement procedure below. Please verify that the replacement PCB matches the original board before you begin.

### Contents of Kit

- 1 GLXS3PCB main circuit board
- 3 Replacement terminal blocks (if needed)
- 1 Input power connector cable (if needed)
- 6 Phillips head screws (if needed)
- 2 Replacement fuses (if needed)
- Warning label

## Installation

**⚠ WARNING:** Disconnect all AC power at the main breaker before attempting to replace the PCB. Use a voltmeter to verify that the main supply input has been entirely removed from the control. Use appropriate energy lock-out procedures to be certain nobody restores power during the following procedure.

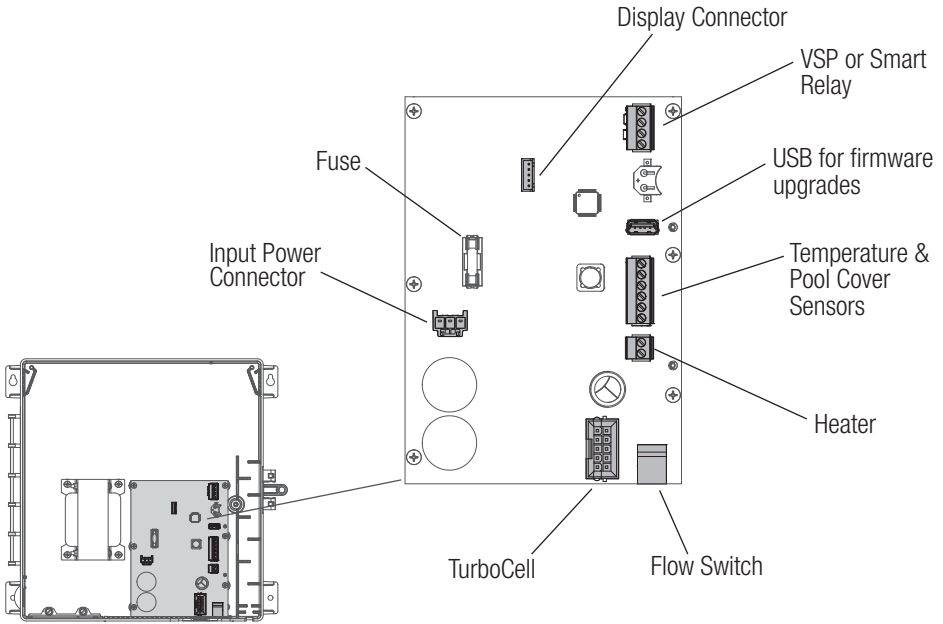
### Procedure

Follow the steps below.

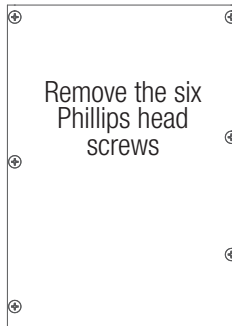
1. To remove the plastic cover panel, pull the display away from the panel by grasping it with your hand (no tools required). to reveal a hidden screw. Then, remove the 3 screws and pull the plastic panel away from the enclosure. The main circuit board and transformer are now exposed. It is not necessary to disconnect the display wiring connector but removing the display may offer more room to work within the enclosure.
2. Remove the existing connections from the main circuit board as shown on the next page. Note that the green sensor, heater and VSP screw terminal blocks will fit on the new PCB. Rather than remove each conductor from the screw terminals, pull up on the entire terminal block to remove.



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3. Remove all six screws that fasten the PCB to the enclosure.

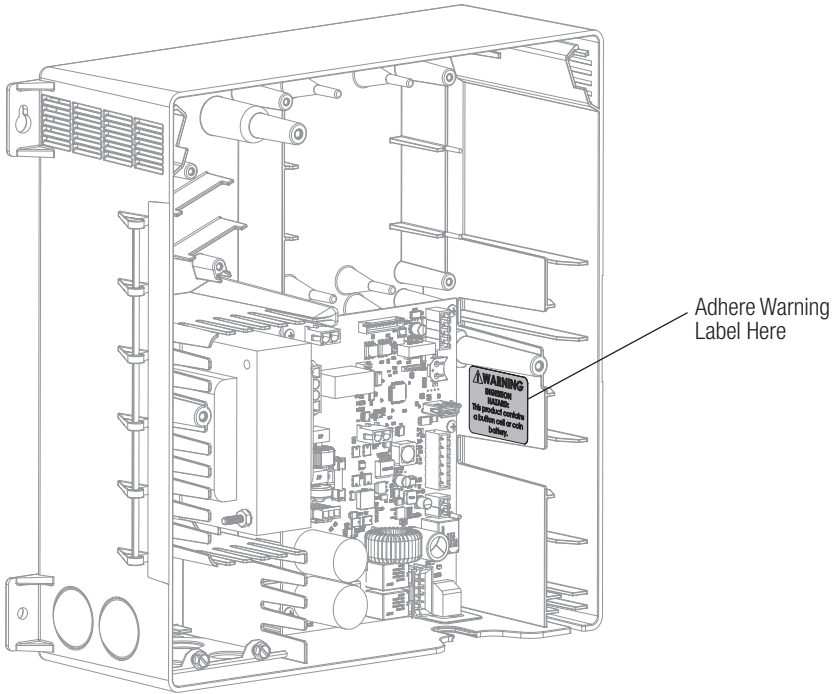


4. Remove the old PCB and install the GLXS3PCB in its place. Use the six Phillips head screws to fasten the GLXS3PCB to the enclosure. Do not over tighten.
5. Reconnect all of the original wiring connections to the GLXS3PCB.



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6. If one doesn't already exist, adhere the included ingestion hazard warning label to the inside of the AQRS3 enclosure in the location shown below.



7. Re-install the plastic cover panel and display.
8. The AQRS3 chlorinator can now be powered up. Because operation and configuration settings are stored on the PCB, you'll have to reconfigure the AQRS3 as if it was new. For configuration and setup information, refer to the AQRS3 Owner's Manual which can be found at [www.hayward.com](http://www.hayward.com)



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For further information or consumer  
technical support, visit our website at  
**[www.hayward.com](http://www.hayward.com)**



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