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> Hayward GLX-PROBE-PH pH Probe Replacement Instruction Manual

Hayward GLX-PROBE-PH

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Model: GLX-PROBE-PH

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of the Hayward GLX-PROBE-PH pH Probe. This probe is a replacement component designed for use with Hayward Sense and Dispense systems and compatible salt chlorine generators. Please read this manual thoroughly before proceeding with installation or operation to ensure proper function and longevity of the product.

2. SAFETY INFORMATION

Always observe basic safety precautions when installing and operating this product. Failure to follow these instructions could result in injury or equipment damage.

- Disconnect all power to the pool equipment before performing any service.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Handle the pH probe with care to avoid damage to the sensitive glass bulb.
- Keep the probe tip moist at all times, preferably in its storage solution, until installation.
- Ensure all connections are secure and watertight to prevent leaks.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- 1 x Hayward GLX-PROBE-PH pH Probe
- 1 x Storage cap with solution (pre-filled)



Figure 1: Hayward GLX-PROBE-PH pH Probe. This image shows the pH probe with its protective cap, ready for installation.

4. COMPATIBILITY

The GLX-PROBE-PH pH Probe is compatible with the following Hayward systems:

- Hayward Sense and Dispense models: **AQL-CHEM, AQL-CHEM-UPG**
- Hayward Salt Chlorine Generator models: **AQR-PRO-SD, HPC-4-ACT-RC**

5. INSTALLATION AND SETUP

1. **Power Disconnection:** Ensure all power to the pool control system and associated equipment is turned off at the circuit breaker before beginning installation.
2. **Locate Existing Probe:** Identify the current pH probe in your Hayward Sense and Dispense or salt chlorine generator system.

3. **Remove Old Probe:** Carefully unscrew and remove the old pH probe from its housing. Be prepared for a small amount of water to escape.
4. **Prepare New Probe:** Remove the protective storage cap from the new GLX-PROBE-PH probe. *Do not discard the cap or the storage solution, as they are needed for future storage.*
5. **Install New Probe:** Gently insert the new pH probe into the probe housing and hand-tighten until snug. Do not overtighten.
6. **Connect Cable:** Connect the probe's cable to the designated pH probe port on your Hayward control unit. Ensure the connection is secure.
7. **Power Restoration:** Restore power to the pool control system.
8. **Calibration:** Proceed to the calibration section of this manual or refer to your main system's instruction manual for pH probe calibration procedures. Proper calibration is crucial for accurate readings.

6. OPERATING THE pH PROBE

The GLX-PROBE-PH probe operates by continuously measuring the pH level of your pool water and sending this data to your Hayward control system. The control system then uses this information to regulate chemical dispensing.

- **Continuous Monitoring:** Once installed and calibrated, the probe will provide real-time pH readings to your control system.
- **System Integration:** The probe works in conjunction with your Hayward Sense and Dispense or salt chlorine generator to maintain optimal pH levels automatically.
- **Calibration Importance:** Regular calibration is essential for maintaining the accuracy of pH readings. Refer to your system's manual for recommended calibration frequency.

7. MAINTENANCE

Proper maintenance extends the life and accuracy of your pH probe.

- **Cleaning:** Periodically inspect the probe tip for deposits or fouling. Clean gently with a soft brush and a mild, non-abrasive cleaner specifically designed for pH probes, if necessary. Rinse thoroughly with distilled water.
- **Calibration:** Calibrate the pH probe regularly according to your Hayward system's recommendations. This typically involves using pH buffer solutions (e.g., pH 7.0 and pH 10.0).
- **Storage:** If removing the probe for an extended period, ensure the tip is kept moist in its original storage solution or a suitable pH probe storage solution. Never allow the probe tip to dry out. Store in a cool, dark place.
- **Replacement:** pH probes have a limited lifespan and will eventually need replacement, typically every 1-2 years depending on usage and water chemistry. Decreased accuracy or inability to calibrate are indicators for replacement.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your pH probe.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Inaccurate pH readings	Probe needs calibration Fouled probe tip Aging probe	Calibrate the probe using fresh buffer solutions. Clean the probe tip as described in the Maintenance section. Replace the pH probe.
Probe not responding	Loose cable connection Probe has dried out Faulty probe	Check and secure the cable connection to the control unit. If the probe tip dried out, try rehydrating it in storage solution for 24 hours, then recalibrate. If still unresponsive, replace. Replace the pH probe.
Error message on control panel	Calibration failed Probe fault detected by system	Attempt recalibration with fresh buffer solutions. Clean the probe. If the error persists, the probe may need replacement. Consult your main system manual for specific error codes.

For further troubleshooting or issues not listed here, refer to the complete manual for your Hayward Sense and Dispense or salt chlorine generator system, or contact Hayward customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	GLX-PROBE-PH
Product Type	pH Probe Replacement
Brand	Hayward
Compatibility	Hayward Sense and Dispense (AQL-CHEM, AQL-CHEM-UPG), Hayward Salt Chlorine Generator (AQR-PRO-SD, HPC-4-ACT-RC)
Item Weight	5.6 ounces (approx. 0.16 kg)
UPC	761418009916

10. WARRANTY INFORMATION

Hayward products are manufactured to the highest standards of quality and workmanship. For specific warranty details regarding the GLX-PROBE-PH pH Probe, please refer to the warranty documentation included with your primary Hayward Sense and Dispense or salt chlorine generator system, or visit the official Hayward website. Keep your proof of purchase for warranty claims.

11. CUSTOMER SUPPORT

If you require assistance with installation, operation, or troubleshooting, please contact Hayward customer support:

- **Website:** www.hayward.com

- **Phone:** Refer to the Hayward website for regional contact numbers.
- **Authorized Dealers:** Contact your local authorized Hayward dealer for professional service and support.