

Hayward AQ-CO-HOMENET

Hayward AQ-CO-HOMENET AquaConnect Home Network: Internet and Wi-Fi Remote Control Instruction Manual

Model: AQ-CO-HOMENET | Brand: Hayward

1. INTRODUCTION

The Hayward AquaConnect Home Network system provides advanced remote control capabilities for your pool, spa, and backyard functions. This system offers three primary methods for management: Aqua Connect Web for internet control from any location, Aqua Connect Home Network for control via web-enabled computers or Wi-Fi devices within your home, and Aqua Connect Home Automation for seamless integration with existing home automation systems. This manual will guide you through the setup, operation, and maintenance of your AQ-CO-HOMENET device, enabling you to monitor settings, adjust parameters, and receive alerts efficiently.

2. KEY FEATURES

- **Wireless Home Network Device:** Provides three ways to manage essential pool, spa, and backyard functions.
- **Aqua Connect Web:** Allows remote pool management via the internet from any location.
- **Aqua Connect Home Network:** Communicates with web-enabled computers or handheld Wi-Fi devices within your home for comprehensive pool control.
- **Compatibility:** Requires minimum Pro Logic 4.20 software and Aqua Rite Pro 1.20 software. Compatible with automation platforms by Crestron, AMX, Savant, or Vantage (for ProLogic only).
- **Reporting and Diagnostics:** Offers complete reporting and diagnostic capabilities, allowing adjustments without service calls.

3. SETUP INSTRUCTIONS

Proper installation and setup are crucial for the optimal performance of your AquaConnect Home Network device. Please follow these steps carefully:

1. **Verify Software Version:** Before installation, ensure your pool's control panel has the necessary minimum software: Pro Logic 4.20 or higher, and Aqua Rite Pro 1.20 or higher. Incompatible firmware will prevent the device from functioning correctly.
2. **Initial Pairing:** Bring the AquaConnect device near your pool controller. Plug it in and set both the device and the controller to pairing mode according to their respective manuals.
3. **Placement and Connectivity:** Once paired, move the AquaConnect device to its intended permanent location. This

location must have both an Ethernet connection and power. Ensure the CAT5 Ethernet cable is connected *before* powering up the unit. Failure to do so may prevent the unit from powering on.

4. **Range Test:** Perform a range test in the final location to ensure a strong and stable connection with the pool panel's antenna.
5. **Web Registration:** Access the Hayward website to register your device and complete the installation process. You may need to find the device's IP address on your local network to access its web interface directly.



Figure 3.1: The Hayward AQ-CO-HOMENET AquaConnect Home Network device. This unit facilitates remote control of your pool and spa systems via internet and Wi-Fi.

4. OPERATING INSTRUCTIONS

The AquaConnect system provides flexible control over your pool and spa. Here's how to operate it:

- **Remote Access via Aqua Connect Web:** Utilize the Aqua Connect website to manage your pool from any internet-connected device, anywhere in the world. This allows you to monitor and adjust over 100 parameters and settings.
- **In-Home Wi-Fi Control:** Use web-enabled computers or handheld Wi-Fi devices (such as smartphones or tablets) within your home to control all pool functions through the Aqua Connect Home Network.
- **Home Automation Integration:** For advanced users, the Aqua Connect Home Automation feature allows your pool and spa controller to interface with your existing home automation system. This enables unified control of your pool, home theater, security, lighting, and more from a single interface.
- **Monitoring and Alerts:** Continuously monitor pool and spa settings. The system can send automatic alerts via email or text message if a problem is detected, ensuring you are always informed.
- **Function Control:** Adjust pH and sanitization, turn up the spa heater remotely, activate lights, waterfalls, and other features as needed.

5. MAINTENANCE

Maintaining your AquaConnect system involves regular monitoring and proactive adjustments to ensure longevity and efficient operation:

- **Continuous Monitoring:** The system is designed to continuously monitor water quality and function. Regularly review the reports and diagnostics provided by the AquaConnect interface.
- **Proactive Adjustments:** Make timely adjustments to parameters based on monitoring data. This helps in avoiding potential problems before they escalate into major issues and can reduce the need for service calls.
- **Energy Conservation:** Utilize the remote control features to conserve energy, such as keeping heat low until it is needed, thereby reducing operating costs.
- **Software Updates:** Periodically check for any available software or firmware updates for your AquaConnect device and pool controller to ensure compatibility and access to the latest features and improvements.

6. TROUBLESHOOTING

If you encounter issues with your Hayward AQ-CO-HOMENET device, consider the following troubleshooting steps:

- **Firmware Incompatibility:** A common issue is incompatible firmware. Ensure your Pro Logic system is running version 4.20 or higher, and your Aqua Rite Pro is running version 1.20 or higher. Older firmware versions are not compatible.
- **Power-Up Sequence:** Always connect the CAT5 Ethernet cable to the AquaConnect device *before* applying power. The unit may not power up correctly if the Ethernet cable is connected after power is supplied.
- **Connectivity Issues:** If experiencing connection problems, verify the device's range and signal strength to the pool panel's antenna. Ensure the Ethernet connection is stable.
- **Accessing Web Interface:** If you have difficulty connecting to the Hayward website for registration or control, try accessing the device directly via its local IP address. You may need to consult your router's settings to find the assigned IP.
- **App/Web Interface Responsiveness:** Some users report occasional delays or interface quirks with the associated applications. While core functions should work, if you experience persistent unresponsiveness, ensure your internet connection is stable and try restarting the device.
- **MAC Address Not Recognized:** If you receive an error indicating the MAC address is not recognized, this may suggest an issue with the unit's registration or validity. Contact Hayward customer support for assistance.
- **ISP Changes:** Changing your Internet Service Provider (ISP) may require re-configuring network settings or re-registering the device with the Hayward service.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	1 x 1 x 1 inches
Item Weight	1 pounds
Manufacturer	Hayward - Distribution
ASIN	B00CG4B32M
Item Model Number	AQ-CO-HOMENET
Is Discontinued By Manufacturer	No

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Hayward AQ-CO-HOMENET AquaConnect Home Network, please contact Hayward customer service directly. Refer to the official Hayward website or your product packaging for the most current contact details and warranty terms.