Manuals+ — User Manuals Simplified.

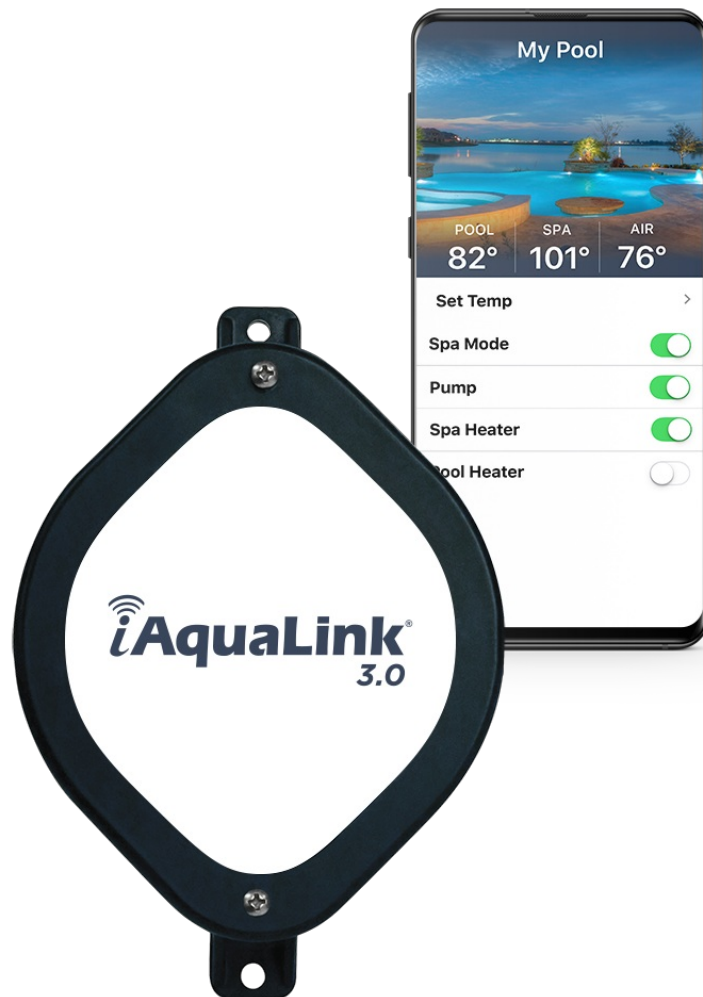# Jandy iAquaLink 3.0 Web Connect Device User Guide

Contents

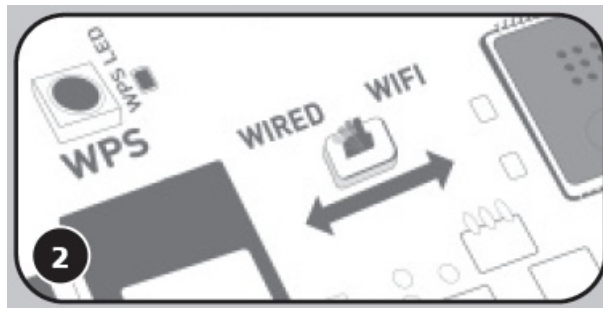**Jandy iAquaLink 3.0 Web Connect Device**

Helpful Hints

What the LEDs mean

- **Red** = Power
- **Yellow** – Slow Flashing = Searching for Network Yellow – Solid = Connected to Network
- **LEDs may flicker**—this is normal
- **Green – Solid** = Connected to Internet
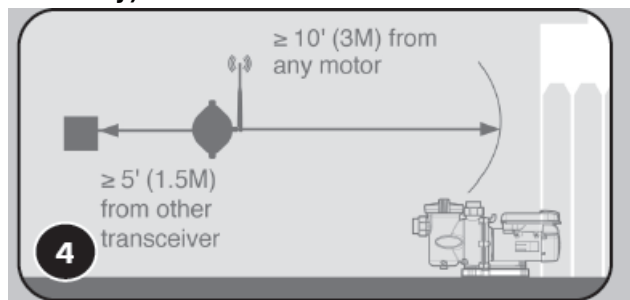
Restarting Wi-Fi setup mode

The iQ30 will start Wi-Fi setup mode when the WIRED / WI-FI switch is set to Wi-Fi and its memory has been cleared. To clear the memory, toggle the switch and leave it in the Wi-Fi position.

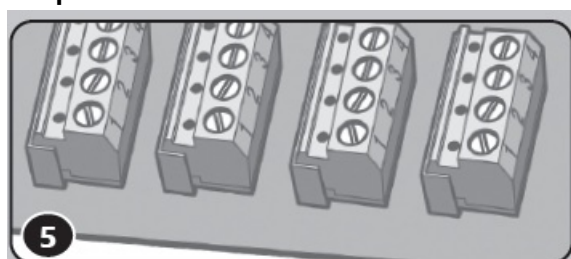**Evaluating Wi-Fi signal strength**

Signal strength depends on your router and the mounting location of the iQ30 web-connect device. Use the Hotspot method to evaluate (See Section 3.1). If you move the router closer and signal still not strong, consider installing a Wi-Fi range extender, Wi-Fi repeater, or another type of router. You may also install an app on your smart phone (e.g., Wi-Fi Analyzer or Wi-Fi Sweetspots) to check your signal strength and bandwidth.

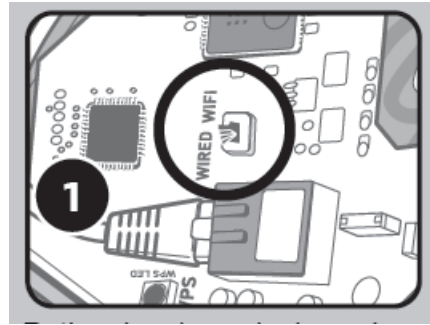**For best reception (Wi-Fi installs only)**

- Always install the iQ30 web-connect device with the antenna on the right side, toward the sky and within arms reach.
- Install at least 10′ (3m) from any high voltage electric motors and 5′ (1.5m) away from other transceivers.
- Install as close to the home network router as possible

When and how to use a 6584 multiplex board

A maximum of two (2) RS485 cables can be connected per RS485 connector. To connect additional RS485 devices, a Multiplex Board may be required.

Reset Button

Pressing the reset button located at the top right of the iQ30 at location SW1 causes the IQ30 to power cycle. It does not clear any memory configuration.

BLE Button

- Located in the middle of the board above the WiFi / Wired toggle switch is the BLE button that when pressed puts the unit into pairing mode.
- Some Jandy applications use this mode for connection.
- Normal IQ30 operation does not require the use of BLE and the button is typically not used.
- Refer to the specific instructions of the Jandy application which uses Bluetooth for more information.

This Quick Start Guide is to help you quickly install your system. Be sure to read all WARNINGS in the complete installation manual.
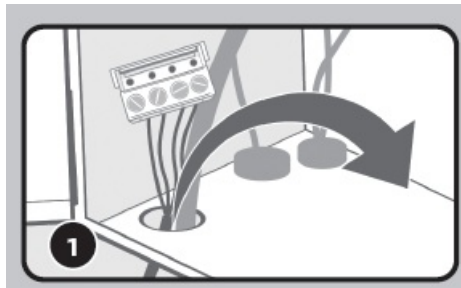
FOR YOUR SAFETY

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 power at the main circuit feeding the AquaLink power center to disconnect the power center from the system.
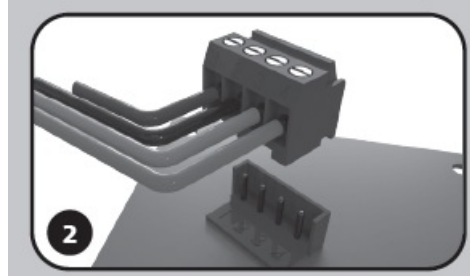
How It Works

Zodiac Pool Systems LLC 2882 Whiptail Loop # 100 Carlsbad, CA 92010 1.800.822.7933 | **Jandy.com**
Zodiac Pool Systems Canada, Inc. 3365 Mainway, Unit 2 Burlington, ON L7M 1A6 1-888-647-4004 |
ZodiacPoolSystems.ca
Fluidra Group Australia Pty Ltd 219 Woodpark Road, Smithfield NSW 2164 Australia 1-300-186-875 |
zodiacpool.au

WIRE IQ30 WEB-CONNECT DEVICE TO THE AQUALINK® AUTOMATION SYSTEM

1. Turn off power to AquaLink. Remove the dead panel. Pass iQ30 web-connect device cable through the low voltage raceway
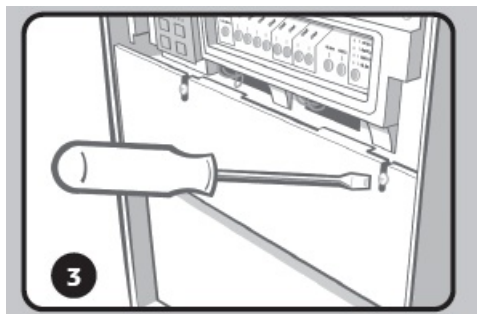
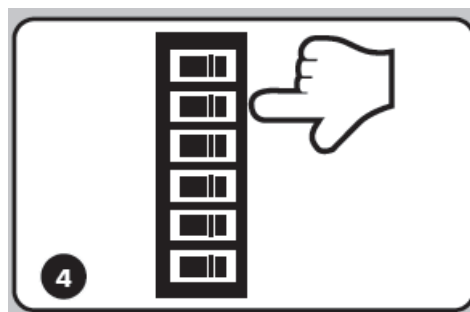2. Connect RS485 cable to an open connector on the AquaLink power center board.

> **NOTE**: Do not connect more than two RS485 cables per red terminal bar3

3. Reinstall the dead panel (close doors if applicable) to ensure high-voltage areas are secured
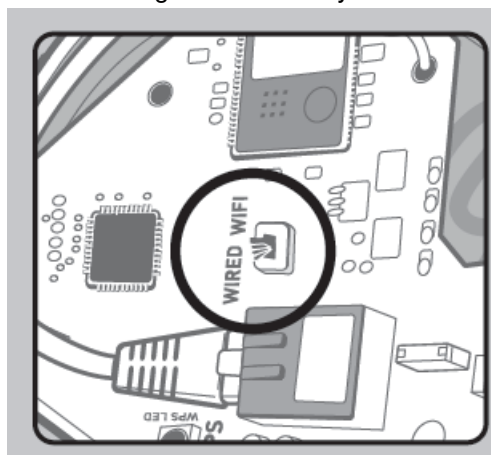

4. Restore power to the AquaLink system.
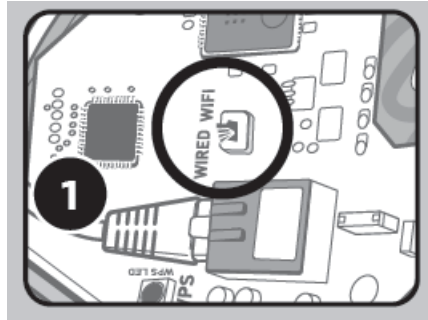

START WI-FI SETUP MODE

NOTE: This step will clear all current Wi-Fi settings from memory

Remove the device lid by removing the two screws on the cover. To clear any previous Wi-Fi settings, toggle the Wired-Wi-Fi switch. Set the switch to the desired mode. Proceed to step 3.1 or 3.2 to reprogram the Wi-Fi settings

See Helpful Hints #2 for more info

CONNECT IQ30 WEB-CONNECT DEVICE TO THE HOME NETWORK

1. Remove two screws from front cover. Remove the cover and gasket from the web-connect device. To clear Wi-Fi settings and enter Wi-Fi Setup mode, toggle the WIRED / WI-FI switch to WIRED then back to WI-FI.
   NOTE: If the iQ30 is having communication issues with the RS it may be due to a interference issue on the RS-485 serial bus. To verify, use a OneTouch controller connected to the RS and see if the IQ30 is listed in the equipment section of system status and help. If its not, line resistance may be required by adding a closed jumper shunt to the pins at location J5 on the IQ30.
2. Open the Wi-Fi settings on your smart device and choose the network named "iAquaLink-

3. All networks within range will be displayed. Select the desired network

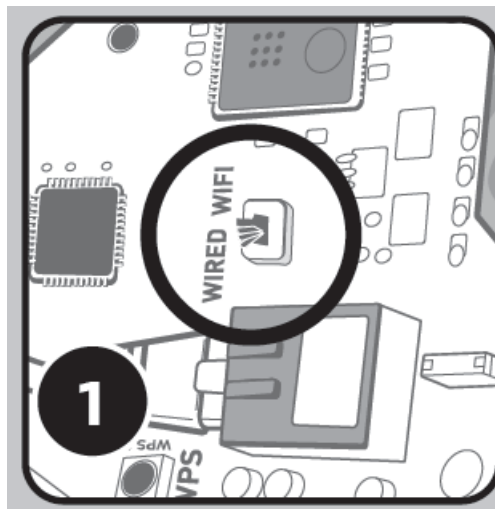   If prompted for a password, enter the password for the home network (case sensitive).
   The web-connect device will disconnect from your smart device at this point
4. When connection to the home network is established, the yellow 'LAN' LED stops blinking and turns solid.
   When connection to the Internet is established, the green 'WEB' LED turns solid.
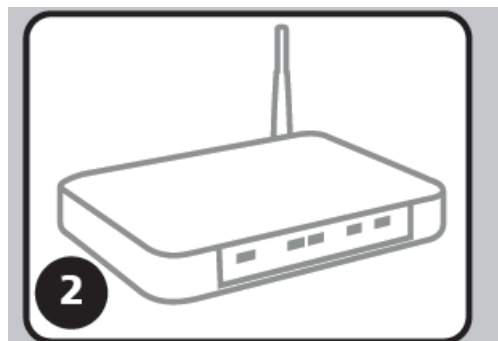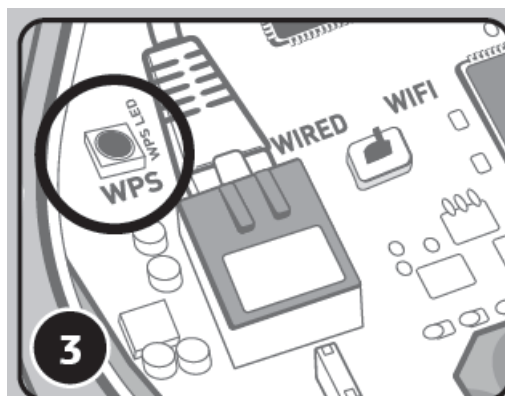
Wi-Fi: WPS Method

1. Remove the two screws from front cover. Remove the cover and gasket from the web-connect device. To clear WiF-i settings and enter Wi-Fi Setup mode, toggle the WIRED / WI-FI switch to WIRED then back to WI-FI

2. Press the WPS button on the home network router. To find it, look for the symbol.

3. Press and release the WPS button on the web-connect device. The small yellow LED next to the button will start blinking slowly.
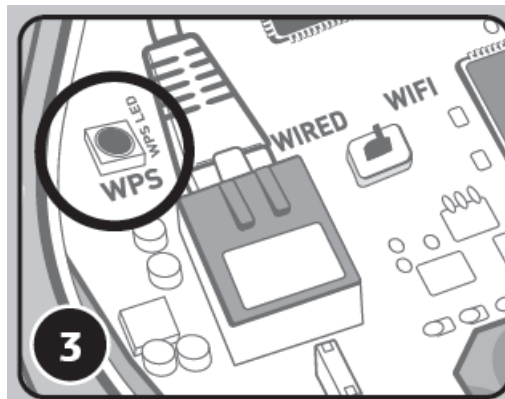

4. When connection to the home network is established, the yellow 'LAN' LED stops blinking and turns solid. When connection to the Internet is established, the green 'WEB' LED turns solid
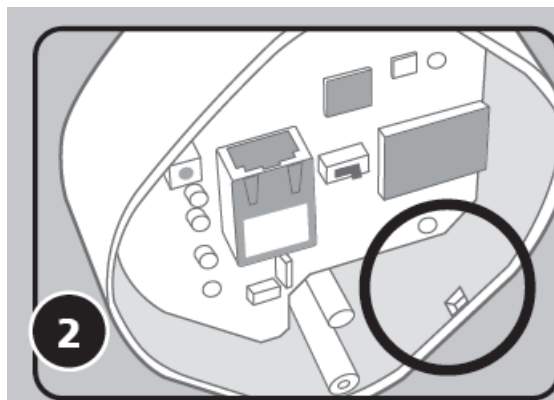
See Helpful Hints #1 for more info

Wired: Ethernet Method

1. Remove two screws on front cover. Remove the cover and gasket from the web-connect device. To clear Wi-Fi settings and enter Wi-Fi Setup mode, toggle the WIRED / WI-FI switch to WIRED then back to WI-FI.
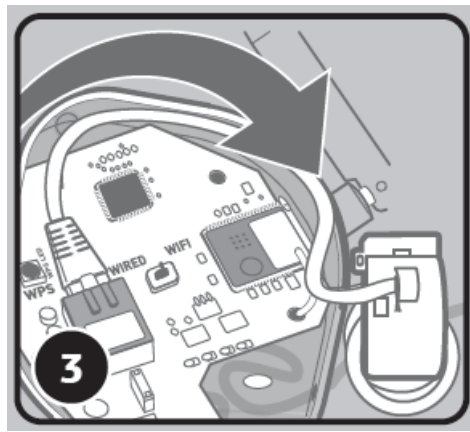

2. Using needle-nose pliers, remove the plastic break-away

3. Insert the ethernet cable into the ethernet port and wrap the cable inside the device and out of the break-away. To reduce electromagnetic noise, wrap ethernet cable twice around a snap-on ferrite bead exterior to the device, as shown in figure (3). Contact Zodiac Pool Systems LLC Customer Service for a Ferrite Kit (PN# R0914600), provided free of charge. (Ferrite Specs: Fair-Rite PN# 0443806406)
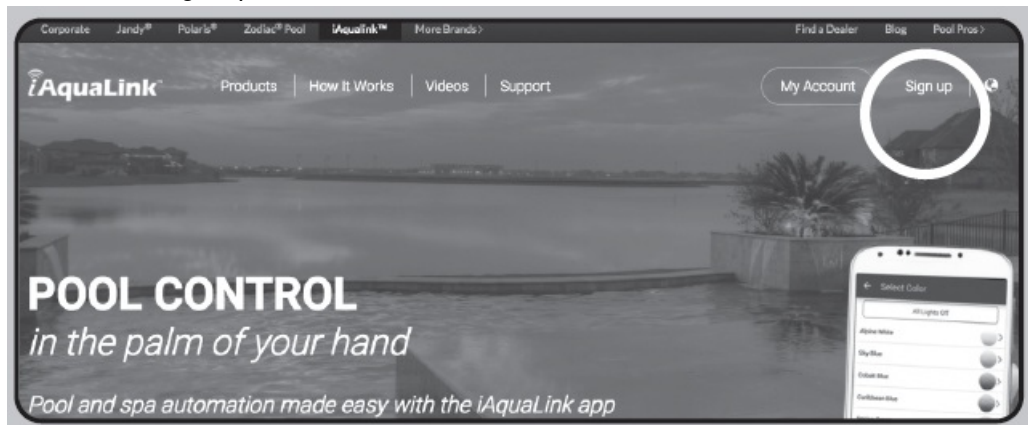Replace the device cover and gasket and tighten screws

4. When connection to the home network is established, the yellow 'LAN' LED stops blinking and turns solid.

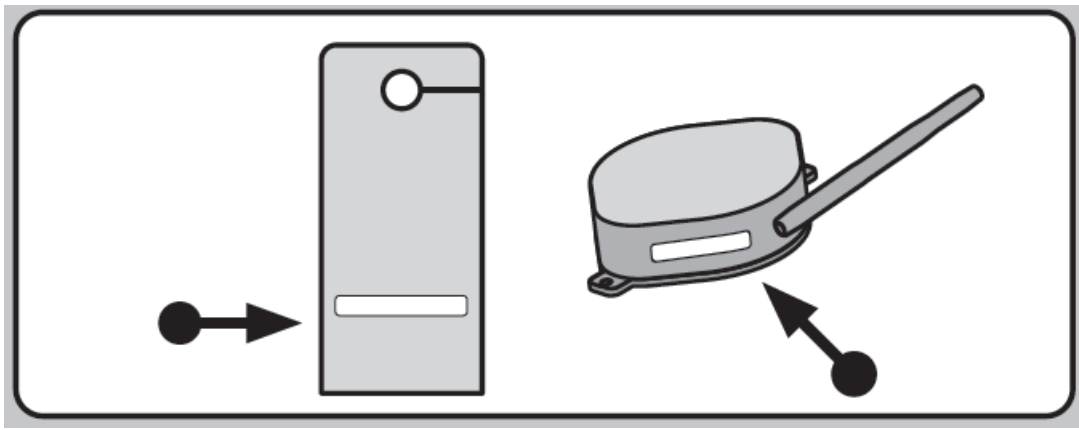   When connection to the Internet is established, the green 'WEB' LED turns solid

SET UP USER ACCOUNT

Download the free iAquaLink app from the Apple App Store or from Google Play, or navigate to "iAquaLink.com" from any browser. Select "Sign Up" to create an account
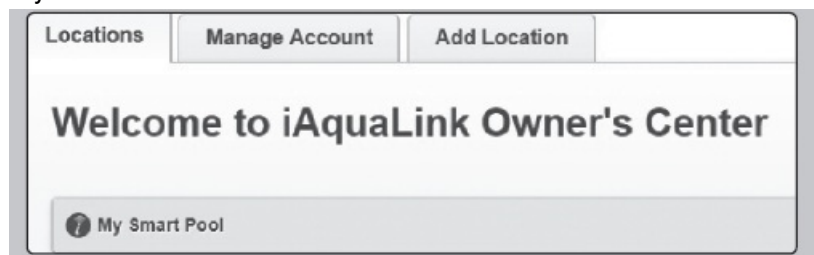

The pool owner must register with their own email and password to use the iAquaLink app or web interface.

After creating an account, select the [+] in the top right corner (app) or "Add Location" tab (web). Enter the device serial number found on the door hanger or the side of the web-connect device.

For security reasons, you must be connected to the same network as the iQ30 web-connect device to add it to your account.

Select your system from the "My Systems" screen (app) or the "Locations" tab (web) to monitor, program, and control your entire pool system.

The web interface is also available from the app. Access it by selecting [Web] from the top-right corner after selecting your system from the "My Systems" screen

WARNING

To prevent risk of electrical shock which can result in severe injury or death, ENSURE that the AquaLink® system is OFF before proceeding
with installation. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits
are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications made to this equipment, which are not authorized by the manufacturer, may void the user's authority

to operate this equipment.

ETL LISTED CONFORMS TO UL-STD 1563 CERTIFIED TO CAN/CSA C22.2 NO.218.1
Installation manual and Owner's manual are available at –
www.iAquaLink.com:
USA 1-800-822-7933 | CAN 1-888-647-4004 | AUS 1 300 186 875

Documents / Resources

	Jandy iAquaLink 3.0 Web Connect Device [pdf] User Guide iAquaLink 3.0, Web Connect Device, iAquaLink 3.0 Web Connect Device, Connect Device, Device
	Jandy iAquaLink 3.0 Web-Connect Device [pdf] User Guide iAquaLink 3.0 Web-Connect Device, iAquaLink 3.0, Web-Connect Device, Device

References

- 🛈 **iAquaLink Pool Automation | iAquaLink**
- 🛠 **Swimming Pool Equipment | United States | Jandy**
- 🛈 **iAquaLink Pool Automation | iAquaLink**
- ✉ **Home | Fluidra USA**
- ⚡ **Zodiac Pool Systems United States | Zodiac Pool Systems**
- ⚡ **Zodiac Pool Systems Canada - English | Zodiac Pool Systems**

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