PENTAIR POOL

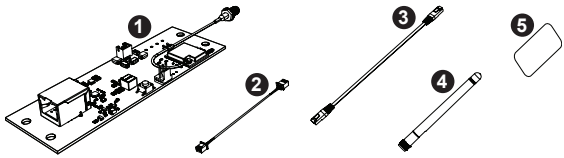
WIFI BRIDGE KIT (P/N 523977)

INTELLICENTER® LITE CONTROL SYSTEM

SCAN/CLICK FOR ADDITIONAL INFORMATION AND INSTRUCTIONS

KIT CONTENTS

1. WiFi Board
2. Power Cable
3. Ethernet Cable
4. Antenna Assembly
5. WiFi Board Agency Label



MOUNTING THE WIFI BOARD (FIGURE 1 / FIGURE 2)

⚠WARNING **RISK OF ELECTRIC SHOCK, WHICH CAN RESULT IN SERIOUS INJURY OR DEATH. BEFORE REMOVING THE HIGH VOLTAGE COVER PANEL, DISCONNECT ALL POWER TO INTELLICENTER AT THE MAIN BREAKER PANEL.**

1. **Disconnect power to IntelliCenter at the main circuit breaker.**
2. Loosen the two *Retaining Screws (6)* in the top corners of the *IntelliCenter Control Panel (7)*.
3. Flip down the *Control Panel (7)* to access the low voltage wiring compartment.
4. Using the provided *Mounting Screws (8)*, secure the *WiFi Board (9)* to the back wall of the enclosure.

   Note: Always handle the board by its edges with clean hands. Touching solder points, traces, or other portions of the board may lead to oils, moisture, or static discharge damaging the board.

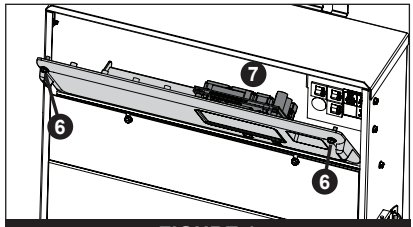


FIGURE 1

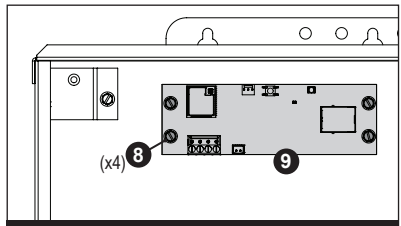


FIGURE 2

INSTALLING THE WIFI ANTENNA (FIGURE 3)

1. Remove the plastic plug from the top left corner of the IntelliCenter enclosure.
2. Remove the Bulkhead *Nut (10)* and *Washer (11)* from the *Antenna Bulkhead (12)*.
3. Route the threaded portion of the *Bulkhead (12)* through the hole in the side of the enclosure.
4. From the outside of the enclosure, reinstall the *Washer (11)* and *Nut (10)* onto the *Bulkhead (12)*.
5. Thread the *Antenna (13)* onto the *Bulkhead (12)* hand tight.

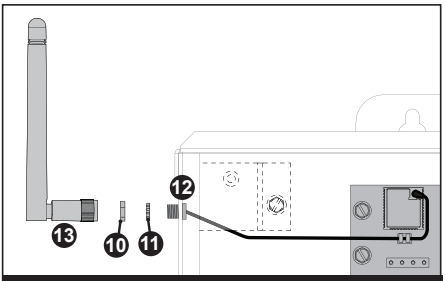


FIGURE 3

CONNECTING THE WIFI BOARD (FIGURE 4)

1. Using the provided Ethernet cable, connect the *WiFi Board Ethernet Port (14)* to the *Control Board Ethernet Port (15)*.
2. Using the provided power cable, connect the *WiFi Board Power Terminal (16)* to the *Control Board Power Terminal (17)*.

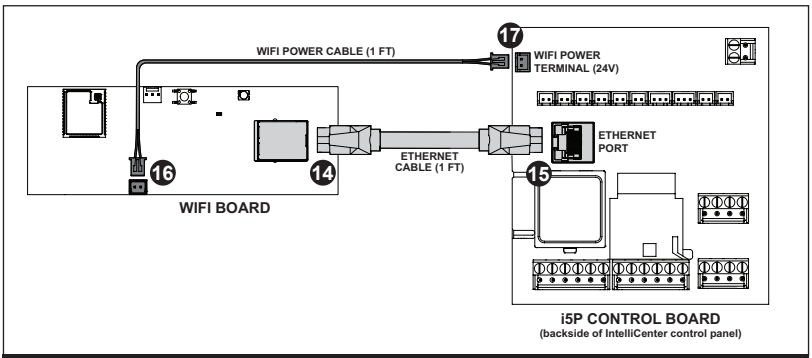


FIGURE 4

3. Close and secure the control panel, then reconnect power to IntelliCenter at the main circuit breaker. A red LED will illuminate to indicate the board is receiving power.
4. There is a small label provided with this kit (item #5 on previous page). Apply the label to the back side of the enclosure door, in the upper right corner.

   Note: This label must be applied to comply with UL and FCC standards.

NETWORK AND WIFI SETUP

1. At the IntelliCenter control panel, tap the *Settings Icon* (⚙) in the bottom right of the Home Screen. Refer to **FIGURE 5**.
2. Scroll to and tap *Advanced System Configuration*.
3. Scroll to and tap *Network and WiFi Setup*.
4. Tap *Connect to a Wireless Network*.

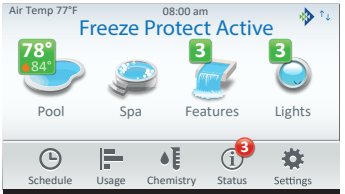


FIGURE 5

5. Select the desired network. If the desired network does not display, tap the Refresh Icon (🔄).
6. Enter the network password. The WiFi board LED will illuminate solid green to indicate the correct password has been entered.
7. Return to the Network and WiFi Setup Home Screen and tap *Internet Connection Test*.

   Note: WiFi board transmission power cannot be adjusted in IntelliCenter network and WiFi settings.
8. From the IntelliCenter Home Screen, tap the *Settings Icon* (⚙) at the bottom right.
9. Tap *Pentair User Portal*.
10. Tap *Enable Web and Mobile Interface* and ensure Web Interface is ON. Refer to **FIGURE 6**.
11. Refer to the *IntelliCenter Installation Guide (P/N 522989)* or *IntelliCenter* User Guide (P/N 522990) for general setup and programming instructions.

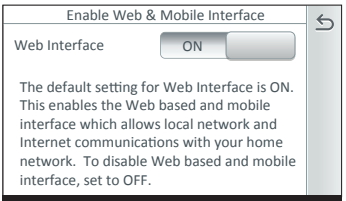


FIGURE 6

BOARD LED BEHAVIOR (FIGURE 7)

Two LEDs can be found on the WiFi Board. The LED marked D6 is the Connection Status LED. The LED marked D16 is the Power LED.

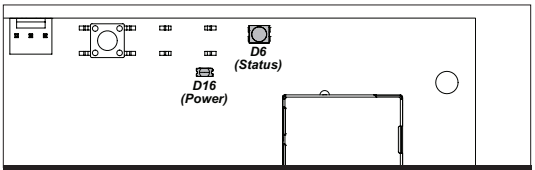


FIGURE 7

POWER (D16)	RED	Solid	Board is receiving power.
STATUS (D6)	RED	Solid	Device is initializing.
	GREEN	Blinking	Not connected to WiFi.
		5 Blinks + Solid	Connected to WiFi, but not to Internet.
		2 Blinks + Solid	Connected to WiFi and Internet, but not to Cloud.
		Solid	Connected to WiFi, Internet, and Cloud.

FCC Regulatory Notice - 47 CFR Part 15, Subpart C.

In order to comply with FCC RF Exposure requirements, a minimum separation distance of 8 inches [20 cm] must be maintained between the equipment and all persons during normal operation.

Instruction to User - 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.

Industry Canada (IC) Regulatory Notice – RSS210:

Instruction To User - This device complies with RSS210 of Industry Canada (1999). Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication. This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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P/N 523926 REV. B 12/8/25