

INSTALLATION

Of your Endless Pools Controller App Wifi Kit

Description

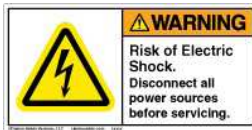
The Endless Pools “Fit@Home” App works with your tablet or mobile device to control your Endless Pools swim current and underwater treadmill. The App allows you to create and customize workouts with multiple exercises and intervals to accommodate your personal needs. The simple installation of the wifi kit gives you the ability to install the “Fit@Home” App to conveniently control all aspects of your Endless Pools workouts. **The “Fit@Home” App is now available to download for free from the app store for your iOS or Android device.**

Parts List

- WIFI Card
- Cable Assembly
- Sealing Washer
- Antenna
- Board to Board Cable (2 HPU Spas)

Installation Instructions

Read the following before starting



- This procedure should be performed by a qualified technician.
- Make sure electrical power is turned OFF when working on this equipment.
- Serious injury or death may result from touching live electrical circuits.
- Turn off circuit breaker in Main Electrical Service Panel.
- Verify there is no power to the Sub-Panel before you begin this procedure.
- Turn off Sub-Panel breakers to Spa or unplug power cord if applicable.

NOTE

For spas equipped with both a Swim and a Treadmill HPU, the wifi card will be installed in the Treadmill HPU control box and will require a board to board cable to connect the the two HPU controllers. Instructions for Tandem HPU is shown on page 3.

1. Locate the Hydraulic Power Unit Controller (Figure 1). Remove the front cover by unthreading the (4) screws around the perimeter of the enclosure.

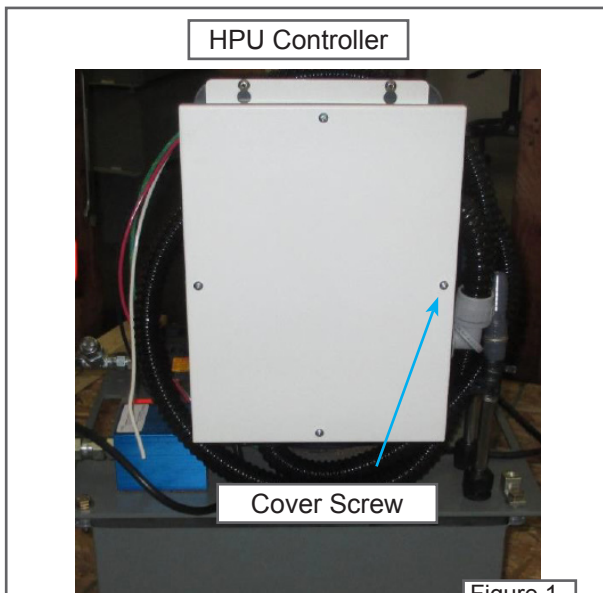


Figure 1.

2. On the left side of the controller’s enclosure, punch out the small knockout using a scratch awl or small screwdriver (Figure 2).

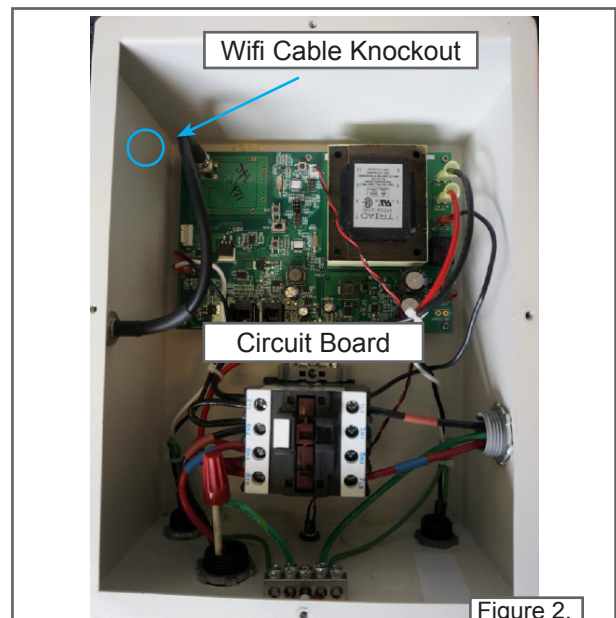
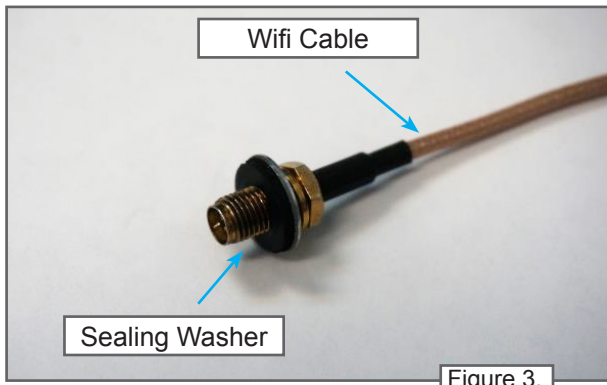


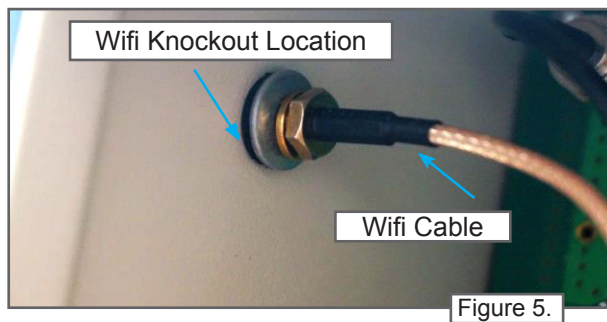
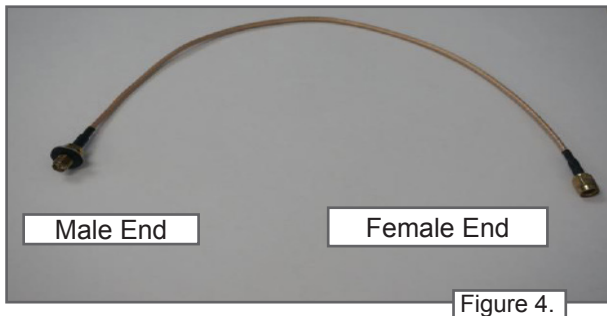
Figure 2.

WIFI KIT INSTALLATION

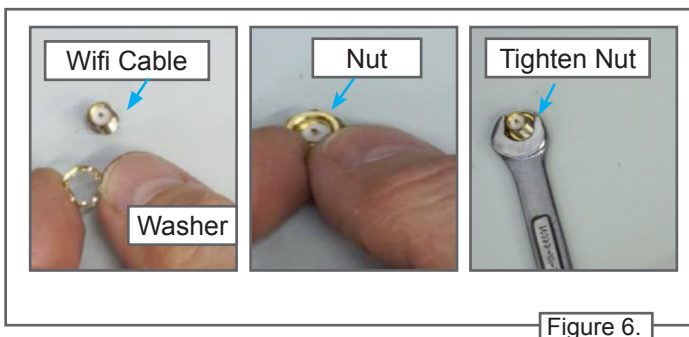
3. Install the sealing washer on the male end of the wifi cable, making sure the rubber side of the washer is facing out. Figure 3



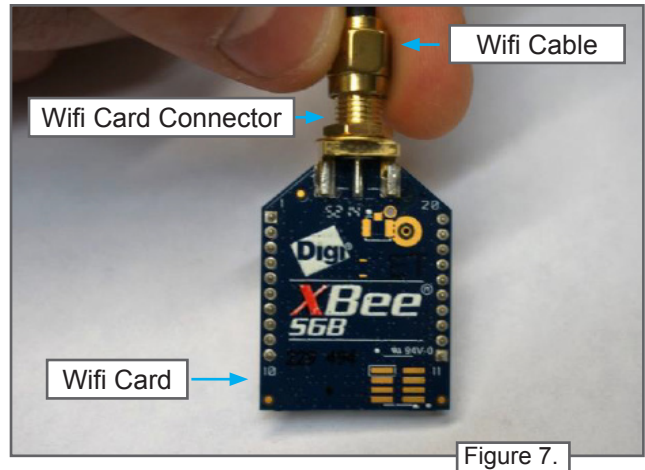
4. From inside the enclosure, route the male end of the wifi cable through the knockout on the side of the controller's enclosure. Figures 4 and 5



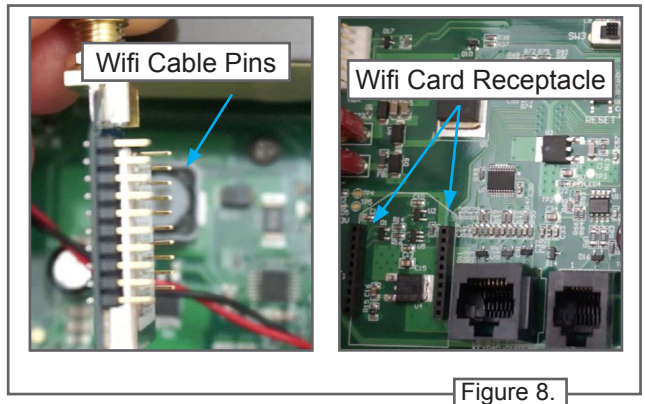
5. On the outside of the controller's enclosure, install the provided washer and nut onto the wifi cable. Tighten the nut with a wrench or needle nose pliers to secure the wifi cable to the enclosure. Figure 6



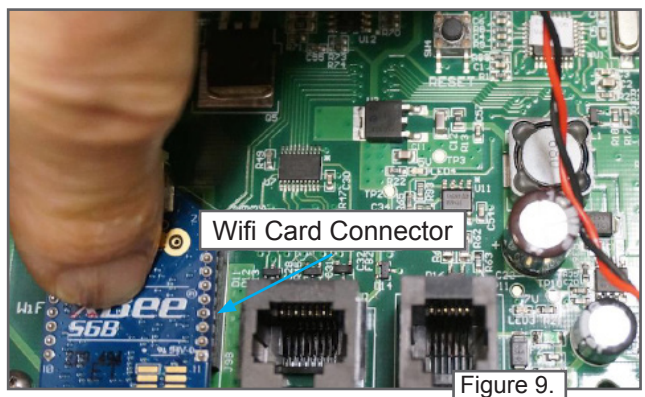
6. Thread the female end of the wifi cable onto the connector of the wifi card. Figure 7



7. Align the pins on the back of the wifi card to the small holes in the receptacle located on the lower left hand corner of the circuit board. Figure 8



8. Align the wifi card with the wifi card outline on the circuit board. Carefully connect the wifi card to the receptacle on the circuit board, making sure the pins on the wifi card are aligned properly. **It's important to ensure the wifi card is secured and seated properly. Inserting the wifi card in the wrong direction or improperly can cause damage.** Figure 9



WIFI KIT INSTALLATION

9. Thread the wifi antenna onto the wifi cable and angle the antenna towards the top of the controller. Figure 10

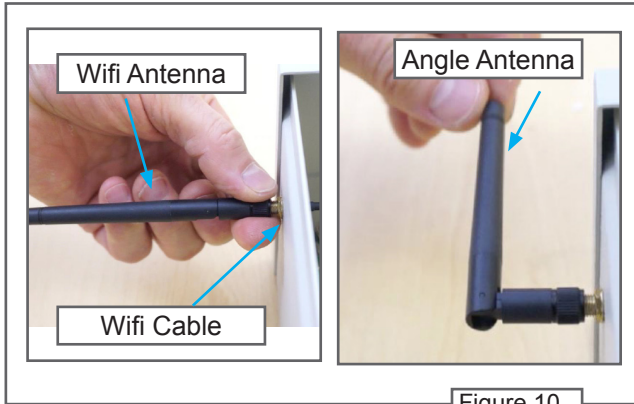


Figure 10.

10. Spas equipped with a Swim machine and Treadmill will require a Board to Board cable to connect from the Treadmill EP3 circuit board to the Swim Machine EP3 circuit board.

a. Knock out opening in the Controller Boxes. Figure 11

b. Route the Board to Board Cable between the Swim EP3 Box and Treadmill EP3 Box through a Liquid-Tite Fitting. Figure 12

c. Insert cable end to J12 on the circuit boards.

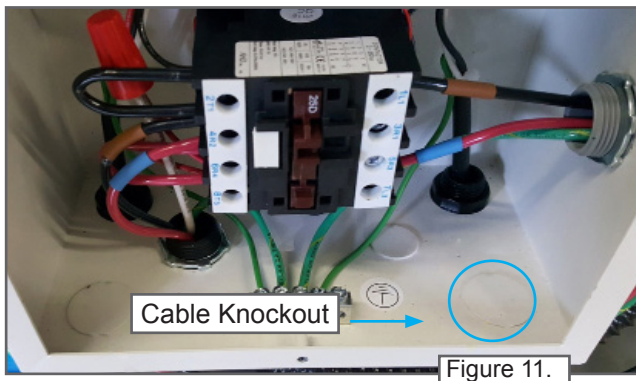


Figure 11.

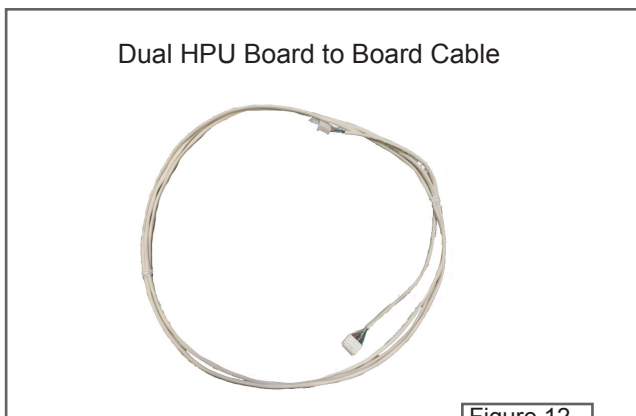


Figure 12.

11. Resupply power to the pool equipment and do a factory reset to both circuit boards. Figure 13

a. Press and hold the SW2 button for about 20 seconds. After about 10 seconds, the LED1 will begin to flash slowly. After about 20 seconds, the LED1 will begin to flash quickly. Once LED1 is flashing quickly, release SW2. The board will then reboot with factory default settings.

b. Follow the procedures for both circuit boards. The board will then reboot with factory default settings.

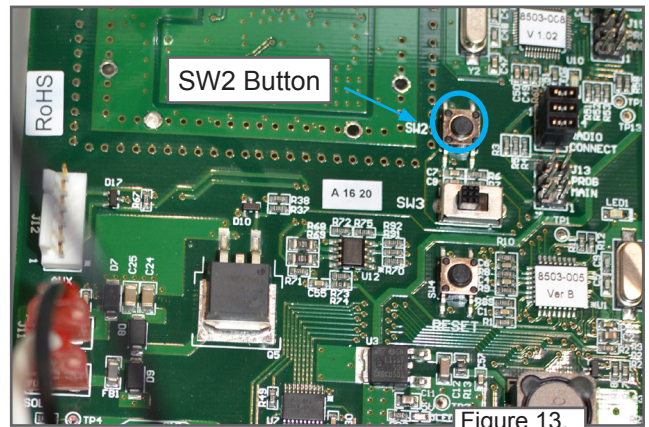


Figure 13.

12. Reinstall the controller's front cover.

13. Download the free "Fit@Home" App from the app store for your iOS or Android device. The "Fit@Home" App can now be accessed and configured through your mobile device, and is now ready to use.

TANDEM HPU

1. Install the Wifi Card on the left side circuit board of the Tandem HPU controller. Follow the previous steps for installation. Figure 14

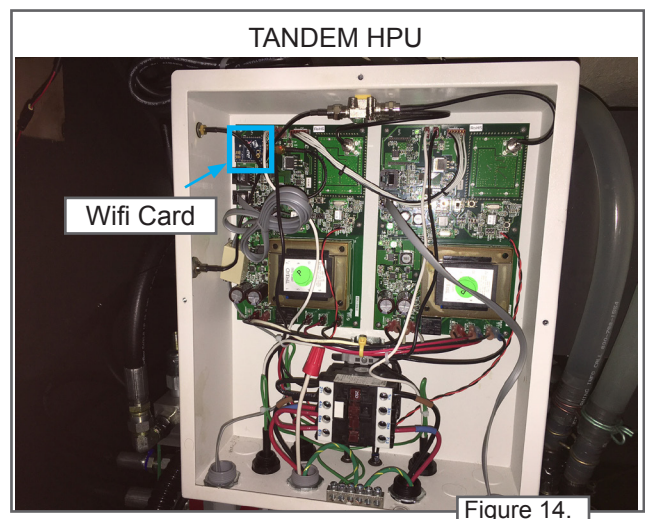


Figure 14.



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