

Float Pod Installation Manual



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WHAT TO DO BEFORE RECEIVING THE POD

Thank you for purchasing our Float Pod(s). We are excited to help you through the move in process as we don't want any confusion on your move in date.

Before receiving your float pod(s), there will be a few things you will need to have **INSTALLED** to make for an easier installation process.

(Please make sure pod room is easily accessible and properly ventilated.)

1) Supply Power:

- 20-amp 220 volt GFCI circuit 3-wire with ground
- Hubble L14-30 receptacle (Or equivalent)

2) Intercom: One (shielded non-twisted 22 AWG 2-wire) per pod. This will be run from each pod to the main intercom master unit. (Keep the master unit close to the reception desk)

3) Audio: One 3.5mm male-male stereo cable per pod. We recommend using 100ft shielded stereo cable. One end will be plugged into the pod and the other will plug into your music device (ex: MP3 player). If you have more than one pod in your facility, you can use a splitter to split the audio to multiple pods.

4) Computer Control Box: Run 1 cat 5 network cable from the computer router to each pod to be controlled.

5) Obtaining IP Address: In order to properly program your control box, you will need to send us your network information. Follow the steps below:

NOTE: THE TASKS STATED ABOVE MUST BE COMPLETED BEFORE POD ARRIVAL.

RECEIVING THE POD

Please follow the steps below to ensure smooth installation process.

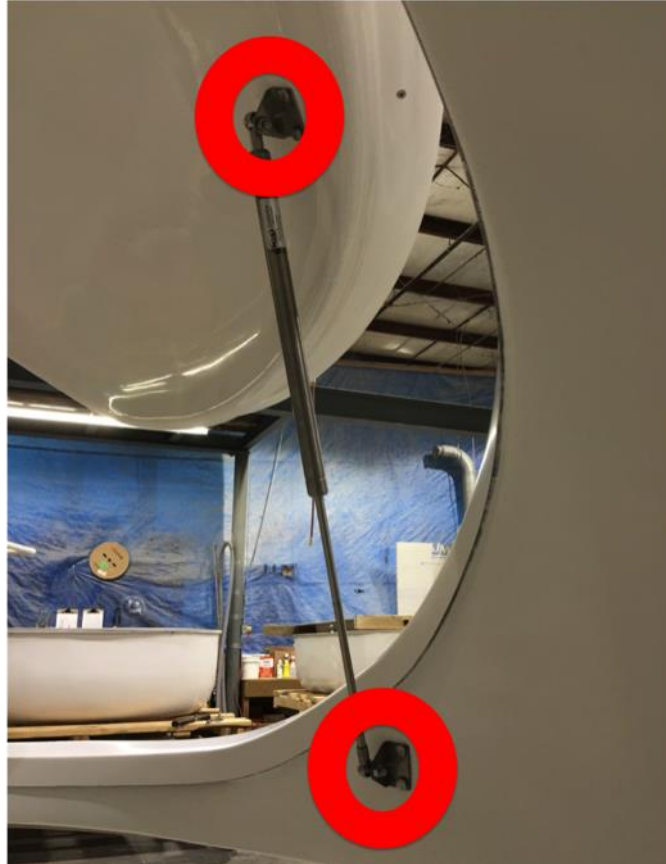
Step 1: Remove the wooden crate surrounding the pod. Be careful not to damage the pod while doing so.

Step 2: Remove the shrink-wrap that is covering the pod. Again, be sure not to use any sharp objects during removal in order not to damage the pod.

(IF THE POD DOES NOT NEED TO BE ROTATED ON ITS SIDE TO ENTER YOUR FACILITY, PLEASE DISREGARD STEPS 3-7)

Step 3: Removing Shocks From Door

In order to remove the shocks, you will need a ½ in wrench. Carefully remove (2) nuts from each shock. (**IMPORTANT: Mark and indicate which shocks belong to which side.**) For safety purposes, always have someone supporting the weight of the door. Once the shocks are removed, the person supporting the door can carefully set it down.



Step 4: Removing The Pod Door

Now that the shocks are off the door, gently pull the pin out of the hinge located at the top of the pod. This can be done using a small flat head screw driver and a hammer. Once the pin is removed, carefully remove the lid and set the door on a padded surface to avoid damage. (This may take two or more people)



Step 5: Unbolting The Top Section

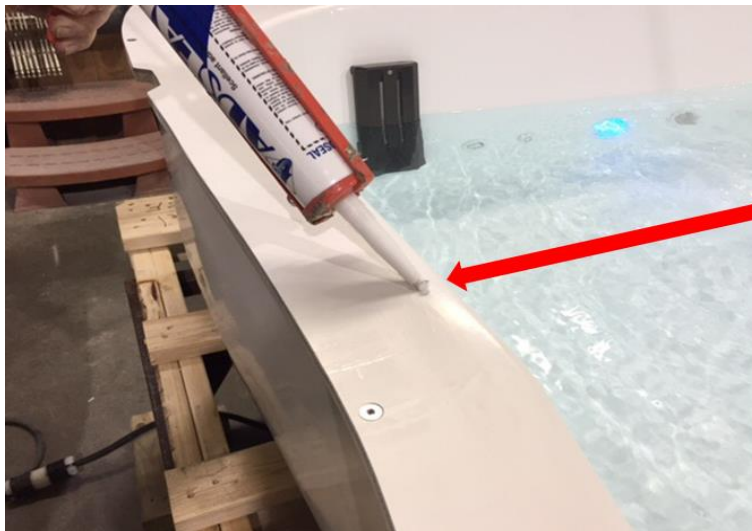
To separate the top from the bottom, unscrew (3) Allen bolts, (1) on each side and (1) in the front. After the bolts are removed, the entire top section of the pod will come off easily. Move into a safe place and set down gently.



Step 6: Moving the Pod In

Here are several pointers to make a moving process easier

- The pieces are all heavy and awkward to lift. Using several people can help better this process
- Move the base piece first and position it where you want it in the room.
- (NOTE: THE FLOAT POD MUST BE PLACED ON A UNIFORMLY FIRM AND LEVEL SURFACE.)
- Place a bead of 100 % silicone caulk on the **inner top edge** of the bottom section. Make sure to caulk completely around the pod. See pictures below.



Lay bead on the edge closest to the water



- Next, bring in the top piece of the pod and place it on top of the bottom part. Make sure to line up the (3) bolt holes.

Step 7: Putting The Pod Back Together

Once the top piece is set on and the bolt holes are aligned, replace the (3) bolts and tighten nuts accordingly. Next, bring in the pod door and set on the pod, aligning the hinge. Carefully put the pin back into the hinge. After the door is attached to the hinge, open the lid and reattached the shocks to the correct side of the door. Again, each shock should be fastened with (2) nuts. After the shocks are installed, the door will be self-supported.

INSTALLING UV

- 1) The first thing you will need to do is remove that back panel of the pod. (It is held on by (2) phillips screws).
- 2) Next, you will next to remove and unpack the black foam box that is seen in the picture below.



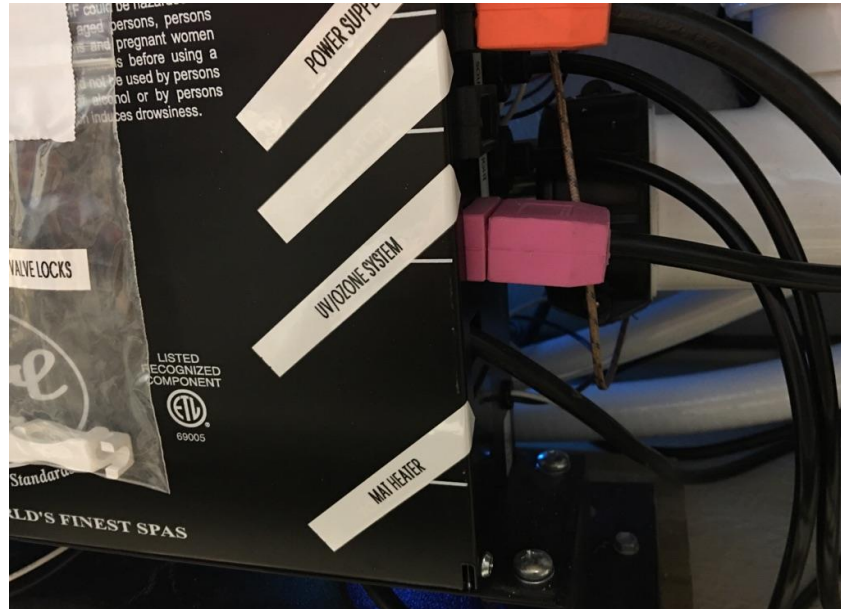
- 3) After the UV device is removed from the package, make sure you place (1) o-ring on each connection (shown below). Place the o-ring on with the ribbed side facing the connection.



4) Once the o-rings are in place, you can now install the UV device into the pod. (Make sure to remove the any tape that is covering existing fitting in the pod). To install the device, you will need to make (2) connection. Your system should look like the picture below.



5) After you have connected the UV device and made sure the fittings are snug, you will need to connect the “pink colored” plug into the Royal Spa control box labeled UV/OZ SYSTEM.



6) Last, you will need to connect the clear tube to the side of the UV device as shown below.



CONTROL BOX

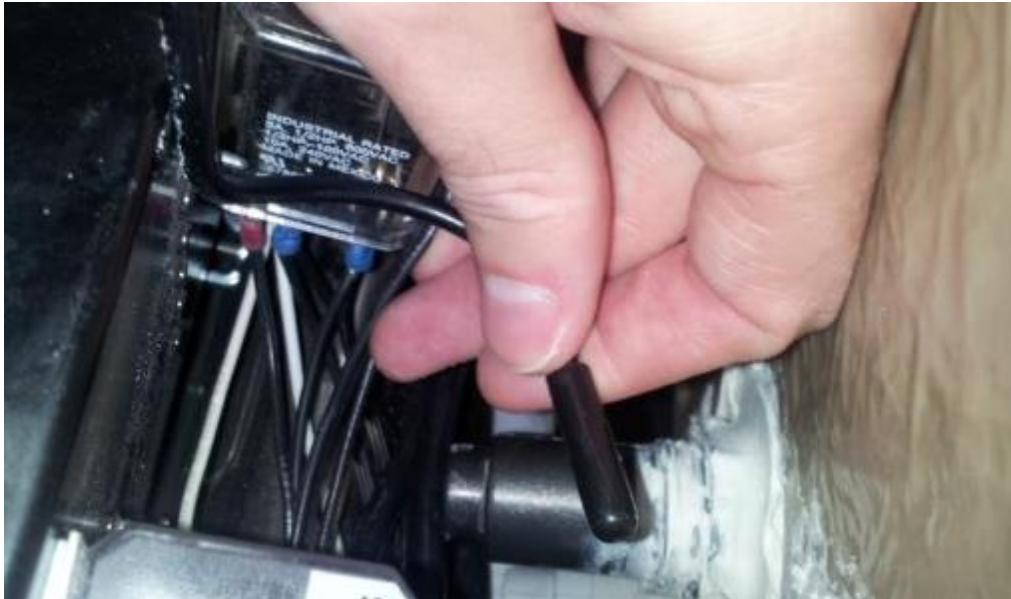
Connect an Ethernet cable between your Ethernet switch (see Network Configuration section for more details) and the Computer control box. This will allow you to control the Float Pod remotely. This box will be attached to the top of black Royal Spa control box using the provided velcro strip.



Next, plug in the make power cord. This will supply power to the box



Connect the temperature sensor to the rubber nozzle mounted on the fiberglass, behind the Royal Spa control box. There is a small black tip that pulls out of the rubber nozzle. Pull out the tip from the port, and connect the sensor by inserting the probe into the rubber nozzle.



Connect the three computer control box wires on top of the Royal Spa control box. Match wires labeled FLOAT, 12V, and SOUND to their corresponding labels. The metal forks are tightened down underneath each corresponding screw on the control box. (Float, 12V, Sound)



INTERCOM

You should have already run a shielded non-twisted 22 AWG 2-wire cable per pod. If this has yet to be done, please refer to the section (What To Do Before Receiving The Pod).

1) There should be (1) cable containing (2) wires coming from each pod. Run to where you'd like to install the Master Intercom Station. We recommend running the wires through the wall and mounting the Master Intercom Station directly onto the wall.

4) Screw down the two wires coming from the Float Pod to the Intercom unit. (Black and Red wires)

5) Red = Goes to Number 1, or whatever number pod you are wiring (1-5)-Each Pod will connect to a different number. 1, 2, 3, etc.

6) Black = Goes to "E". All Black wires from all pods will connect to "E"

7) The intercom unit is powered using an additional 22AWG wire running from the Master Intercom Station to the Transformer.

a) Please connect positive + on transformer to positive + on Master Unit

b) Please connect negative- on transformer to negative on Master Unit

8) Do not remove the 'short link' running between "E" and "+/-"

9) Screw the faceplate back onto the Intercom Unit.

10) Use twist-on wire connectors to connect the two wires to the corresponding intercom wires at the back of the Float Pod. (Red to red, black to black.)

Operating The Intercom

1) To place a call from the Float Pod: Press the call button once, then release and wait for a response from the master station. The call tone and LED indicator at the master will remain activated until the call is answered.

- 2)** To answer the call at the master station: Press the channel selector button with the lit LED, which indicates which Float Pod has called in. Press and hold TALK button to talk-release to listen.
- 3)** The floater speaks hands free in the Float Pod.
- 4)** To conclude the call, press the OFF button. Only the master station can end the call.
- 5)** To initiate a call from the master station to the Float Pod, simply press the channel selector button, then push and hold TALK to speak to the person in the Pod.
- 6)** Press OFF to conclude the call.

AUDIO

You should have already run (1) 3.5mm male-to-male stereo cable to each pod from the lobby. Plug one end into the rear of the pod label "Office". The other end will plug into your music device (ex: MP3 player or computer)

See the picture below on how to split audio between multiple pods.



POD CONTROL SOFTWARE

(NOTE: This software is only compatible with WINDOWS 10 and earlier)

- 1) First, go to www.indyweb.net/royalspa
- 2) Download the Royal Spa Zip Version 0.9.3 (8 Pod).
- 3) Open the folder and click setup.exe
- 4) Then click **Run**, and in the next window click **Install**
- 5) After the program is done installing the application will pop up.
- 6) See the picture below on how to operate the application

The screenshot shows the 'Royal Spa Pod control' software interface, version 0.8.7. It features four control panels for Pod 1, Pod 2, Pod 3, and Pod 4. Each panel includes a temperature display, float status (ON/OFF), lobby music toggle, elapsed time counter, start button, selected duration (60 Minutes), and controller IP address field with a 'Set IP Addr' button. Pod 3 is currently active, showing a temperature of 85.28F and a float status of OFF. The IP address for Pod 3 is 192.168.1.254, which is highlighted in green. The Royal Spa logo is centered in the background.

Lobby Music:
Toggle this nutton to turn lobby music 'On' or 'Off'. Lobby music 'On' will select the lobby music sour and 'Off' will select the pod music source

Temperature:
This is atemperature reading from the pod.

Float Status:
Indicates if float is ON or OFF. ON is active float and OFF is when the filtration system is running

Duration:
Select how long the float will be for prior to selecting the START.

IP Address:
Enter the IP address that is located on the control box in the pod. Then select 'Set IP Addr'. The box will turn green when the pod is connected.

Start Float:
Select this to START a float session.

POD IP ADDRESSES

POD 1: 192.168.147.201

POD 2: 192.168.147.202

POD 3: 192.168.147.203

POD 4: 192.168.147.204

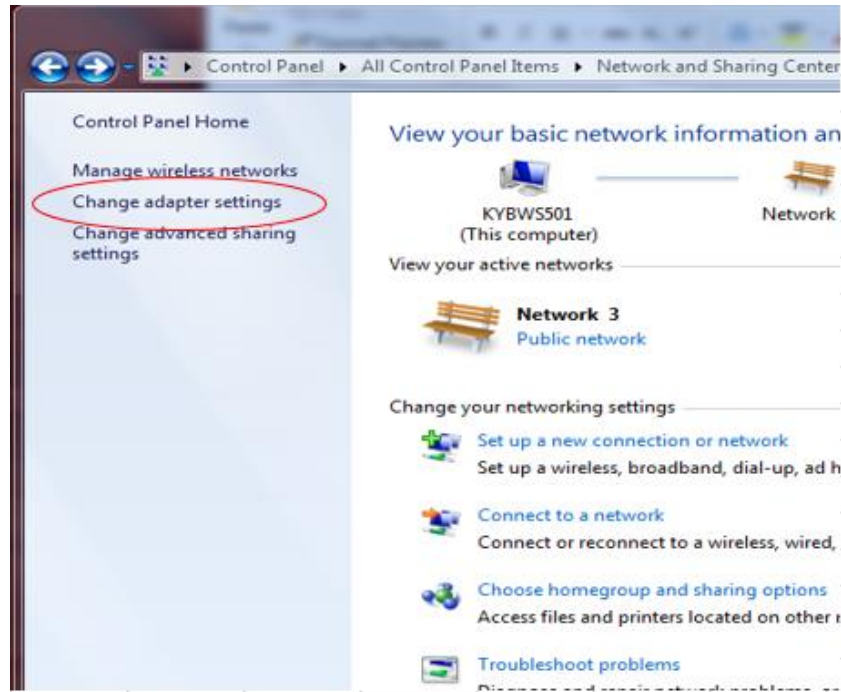
POD 5: 192.168.147.205

NETWORK CONFIGURATION

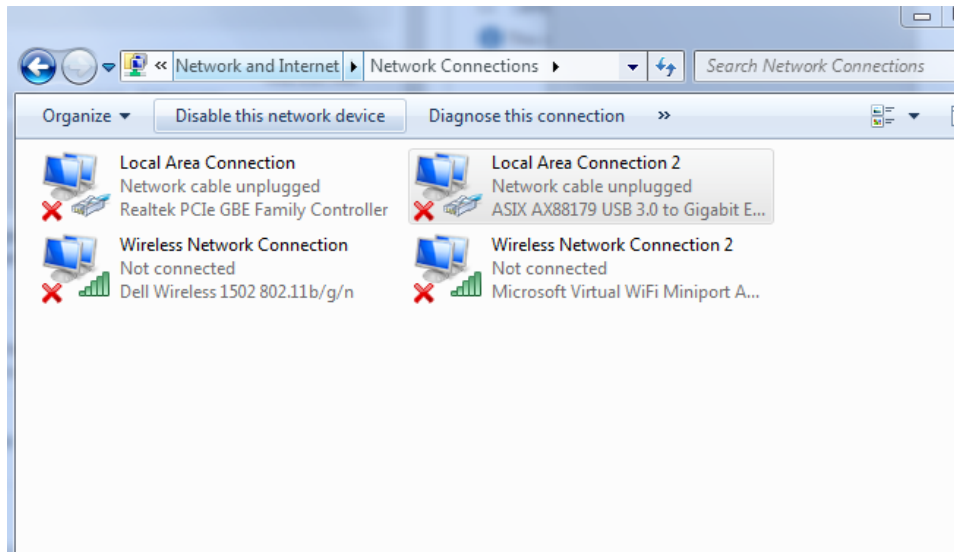
1. Plug in the Ethernet adapter to the USB port on your computer
2. Insert the provided CD into your DVD/CD-ROM drive. Or download the driver from <https://www.startech.com/Networking-IO/usb-network-adapters/USB-3-to-Gigabit-Ethernet-NIC-Network-Adapter~USB3100S#dnlds>
3. Run the **setup.exe** application from the Autoplay menu. If your Autoplay is turned off, browse your CD/DVD drive and run the application.



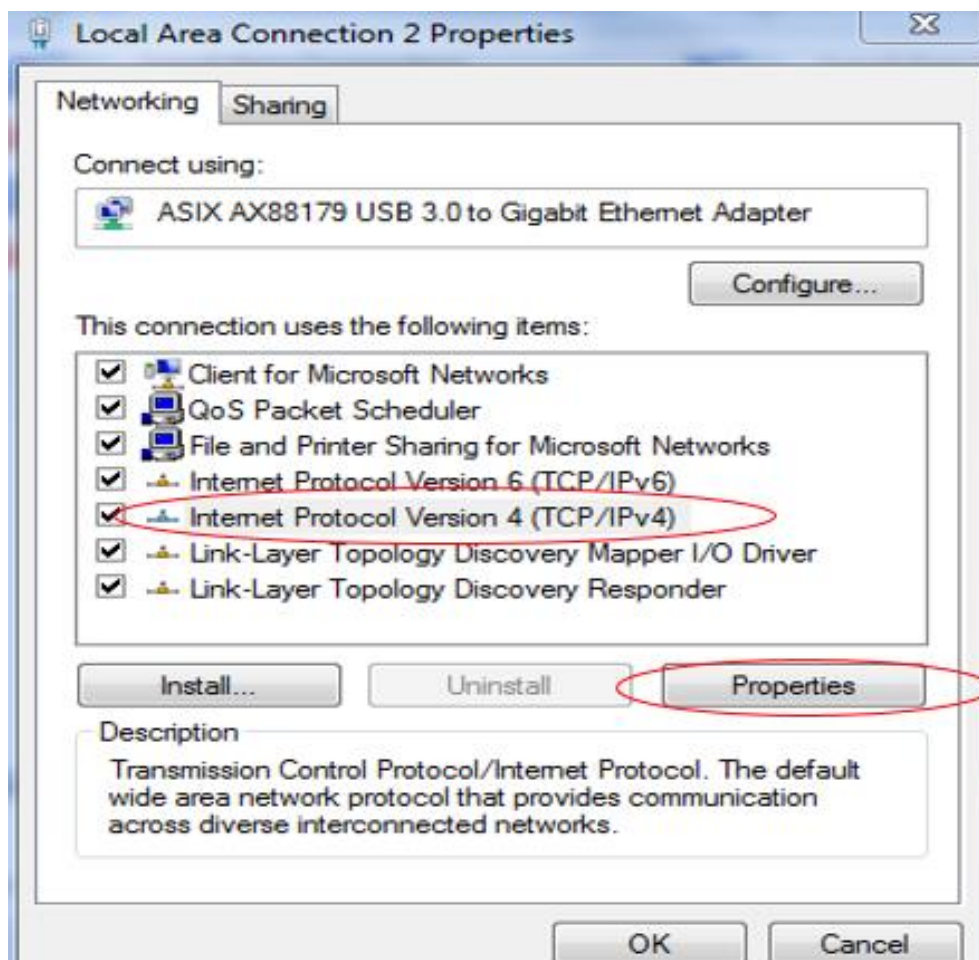
4. After the driver is downloaded, you will now need to configure the Ethernet adapter to communicate with your system.
5. Go to **Start, Control Panel, Network and Sharing Center**. Next, Click **Change adapter settings**



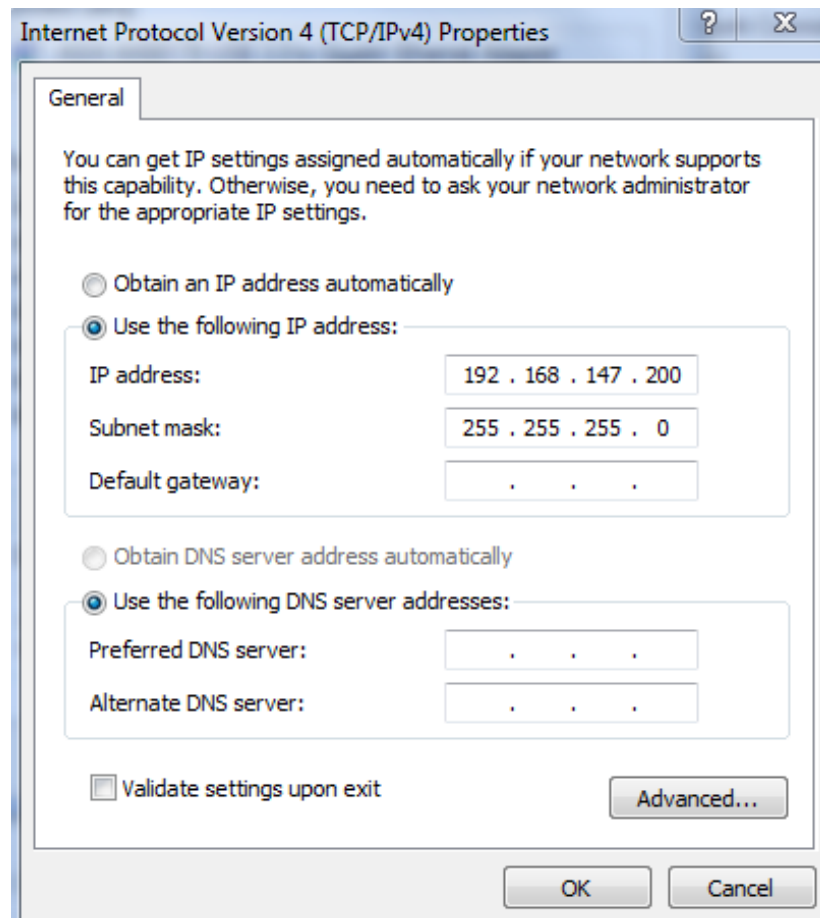
6. From there you want to double click the ASIX Ethernet Adapter.



7. Next, select **Internet Protocol Version 4** and click **Properties**



8. Select the bubble **Use the following IP address**. Next, you will type in the IP address for the Ethernet adapter. Type **192.168.147.200** into the window and **255.255.255.0** for the Subnet mask, then click **OK** at the bottom.



9. Now your Ethernet adapter is programmed and will communicate with your computer.
10. Next you will need to connect the control boxes to the system. Let's say you have 2 Pods. Connect a Cat 5 cable from the control box on Pod 1 to the #1 port on the Ethernet switch. Do the same for Pod 2 except connect this to the #2 port on the Ethernet switch. (For more than 2 pods, follow the sequence)

11. Next run a Cat 5 cable from the Ethernet adapter to the last port on the Ethernet switch (Port #5).
12. You should now be all set to run your pods from the Royal Spa Software on your computer!

ADDING WATER AND SALT

1) Once the pod is in the desired location, you can now start filling the pod with water. For the first **10 minutes** of filling, place the hose into the skimmer hole as shown in the picture below.



2) Make sure the nut on the filter is loose, allowing air to move through the system. See below

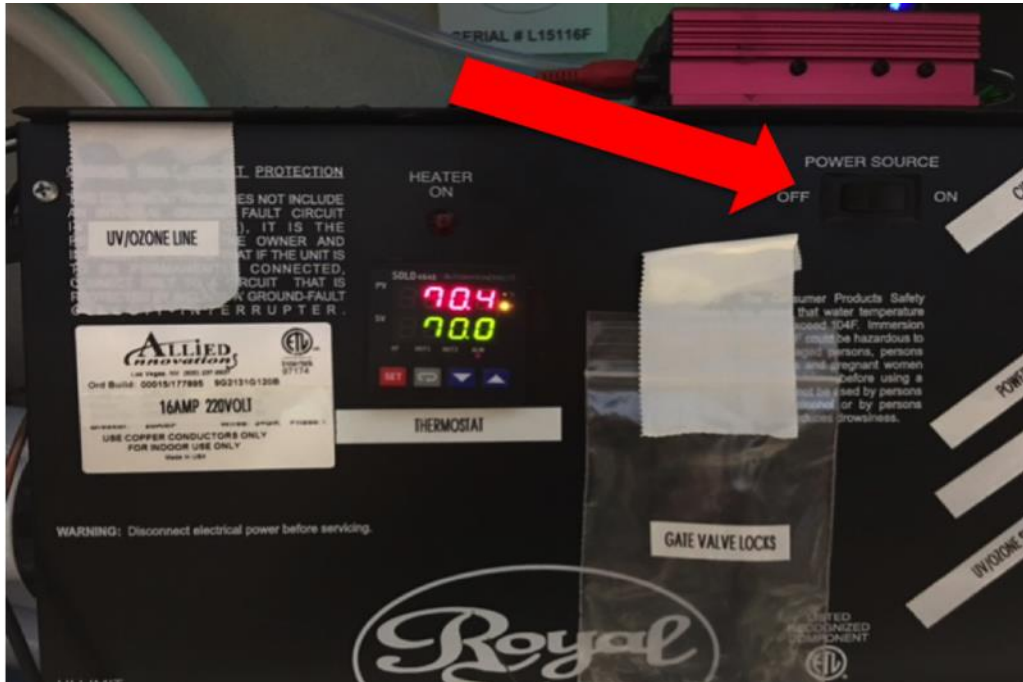


3) After 10 minutes of filling through the skimmer, you can now take the hose and place it in the pod.

NOTE: During filling, constantly check for leaks or loose fittings in the rear of the pod.

4) Fill the pod approximately 2 inches below the fill line on the skimmer. (This will allow room for the salt)

5) Once the pod is full, you can now turn on the heater. Confirm the circulation pump is running and water is moving around in the tub.



6) Set the digital thermostat to 94° F (Please let water heat overnight)

7) Once the water is up to temperature, you can now add the Epsom Salt. Use approximately 900 lbs of salt.

**Congratulations, you have completed the float pod
installation!**



**If you have any questions, please contact Royal
Spa Technical Support at 1-800-541-1248**