

# **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:** (1) (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) Wall Timer:**

- (1) single gang wall mounted electrical box will need to be installed at desired location.
- (1) #12 three wire with ground cable will need to be run from the wall mounted electrical box to the rear of the pod access door according to National Electric Standards.

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

## RECEIVING THE POD

Please follow the steps below to ensure smooth installation process.

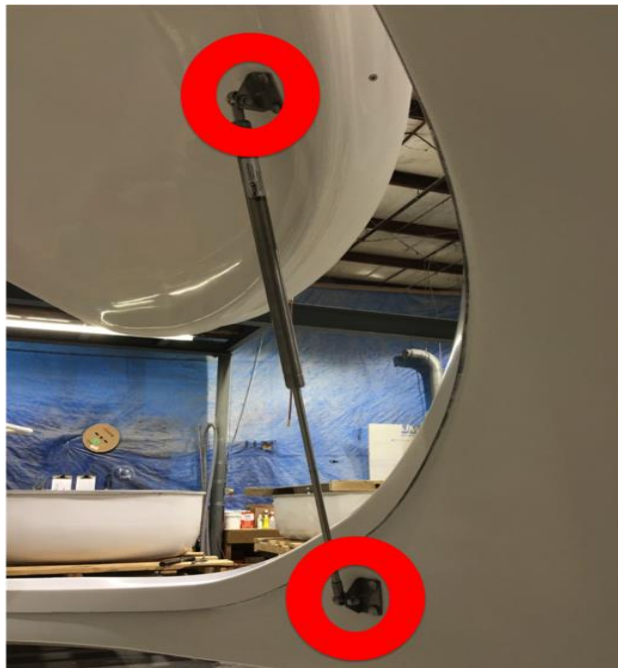
**Step 1:** Remove the wooden crate surrounding the pod. Be careful not to damage the pod while doing so.

**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)**

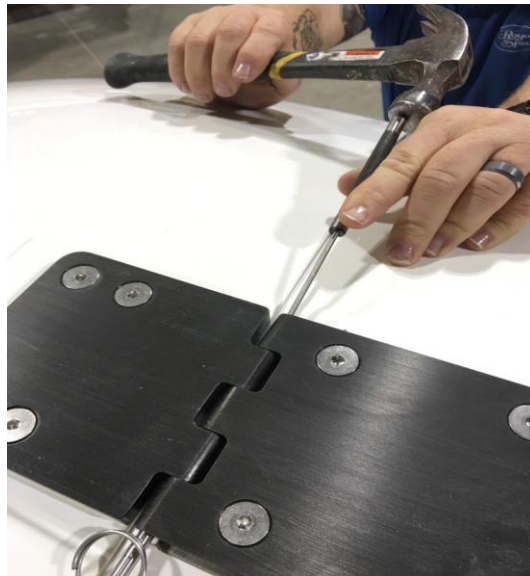
### **Step 3: Removing Shocks From Door**

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 Top Section

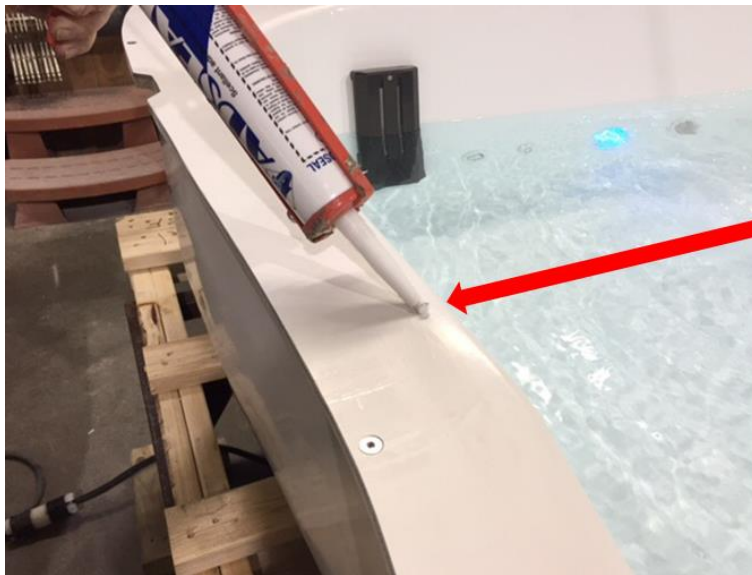
To separate the top from the bottom, unscrew (3) Allen bolts, (1) on each side and (1) in the front. After the bolts are removed, the entire top section of the pod will come off easily. Move into a safe place and set down gently.



## Step 6: Moving Pod

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 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. After everything is fastened together, carefully smooth out the caulk between the bottom and top half. (We recommend using your finger and spray water bottle to help create a smooth joint.)

## 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.

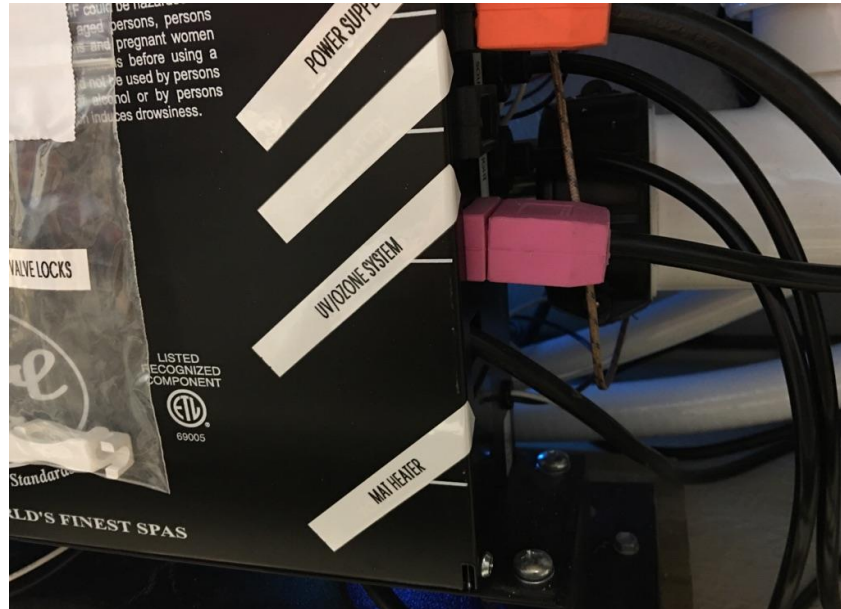




4) Once the o-rings are in place, you can now install the UV device into the pod. (Make sure to remove the any tape that is covering existing fitting in the pod). To install the device, you will need to make (2) connection. Your system should look like the picture below.



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.



## WALL TIMER

You should have already run a #12 three wire with ground cable from the electrical box to the float pod. If this has yet to be done, please refer to the section (What To Do Before Receiving The Pod).

**1)** Attach one end of the cable to the wall timer (there should be 3 wires that will be connected to the back of the timer). Be sure to match the colors of each wire as follows.

- A) Black to Line 1 of timer
- B) White to Neutral of timer
- C) Red to Blue of timer



**2)** Attach the other end of the cable to the electrical box at the rear of the pod beside the Royal Spa control box. (See below)



## **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.

## 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

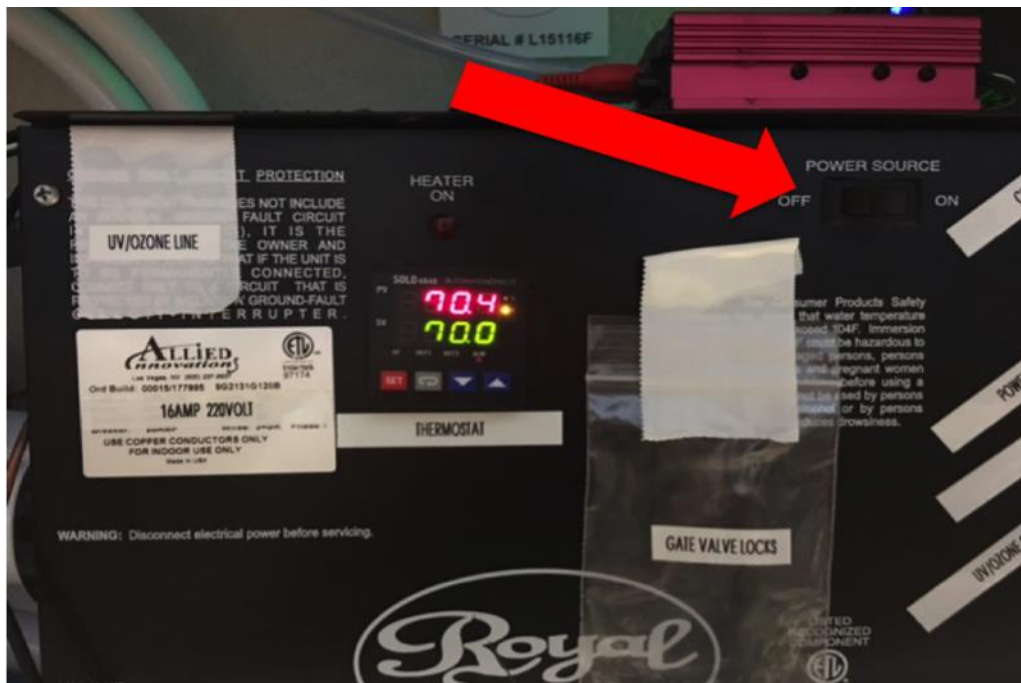


3) After 10 minutes of filling through the skimmer, you can now take the hose and place it in the pod.

**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 the power switch to "ON". 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**