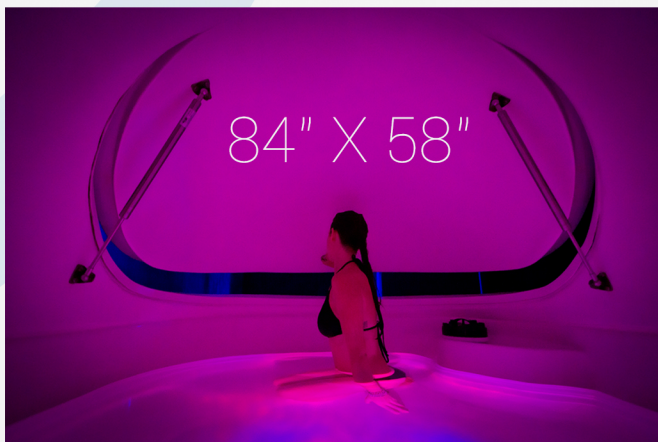
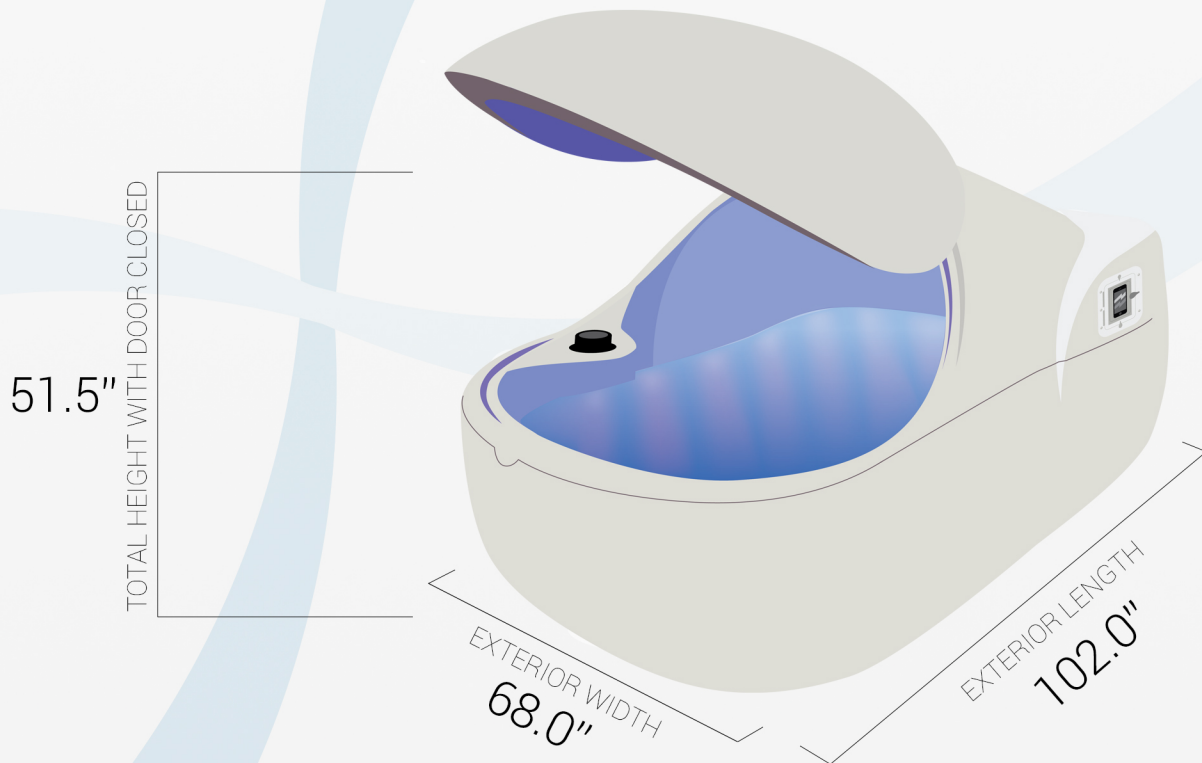
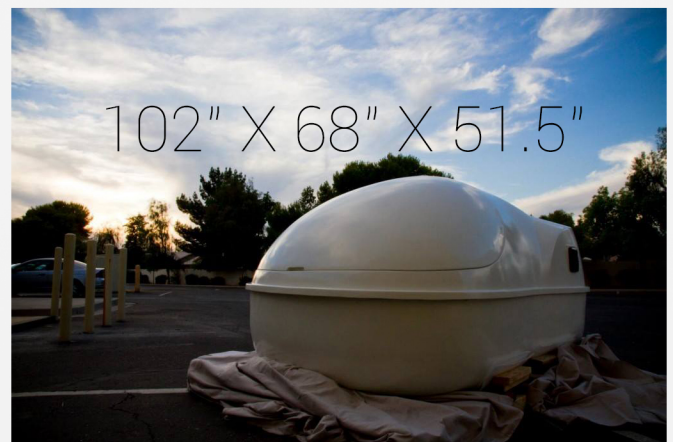


® THE FLOAT POD®

MEASUREMENTS



INTERIOR FLOAT AREA



EXTERIOR DIMENSIONS

FLOAT POD
TECHNOLOGIES

The Float Pod Specifications

TECHNICAL SPECIFICATIONS

Motor/ Pump:

1-Laing

4X Turnover per 30 min (Commercial Ver.)

Filter:

1- FMFC

2- fmfc-2375

3- 3oz. filter 25sq foot.

4- <http://www.pleatco.com/product/prb25-in.html>

UV / OZONE Purification System

1- Spa Solar Eclipse Ozone + UV Sanitation

2- 220 volt

Power:

1- Hubbell

2- 220volt 30amp gfci required.

Electronic Box:

Royal Spa (ETL Certified)

Heater Pad:

1- HI - HEAT

2- 120volt 150watt (we put 2 under a pod)

Intercom:

1- Aiphone

FLOAT POD DIMENSIONS

Pieces: The Float Pod comes in three pieces:

1- Base : 500 lbs

2- Top: 325 lbs

3- Lid: 175 lbs

Float Pod total: 1,000 lbs

Float Pod total operating weight (With Salt & Water): Approx. 3,600 lbs

Outside Dimensions

1- Length 102in

2- Width 68in

3- Height 51.5in

Top Piece (Biggest Piece):

102in X 64in X 31.5in

**Note: The Float Pod needs 1.5 feet behind the Pod to access electronic components.*

Float Area:

84in X 58in

Water and Salt:

160 gallons of solution

FLOAT POD PRE-SITE PREPARATION

Installation Considerations:

It is highly recommended that the owner/user of this Float Pod carefully read all instructions in this manual prior to having your Float Pod installed at your chosen location. **IMPROPER INSTALLATION MAY RESULT IN EQUIPMENT DAMAGE AND VOID THE FLOAT POD'S WARRANTY.**

GETTING THE FLOAT POD TO YOUR SITE

- All portable Float Pods come in three main sections. The largest section requires clearance for a 32X68X103 inches object through gates, doors, between houses and side fences, around corners and at least 9 feet of overhead clearance for ample moving room. It is the customer's responsibility to make sure all clearance requirements are met.
- We deliver to your door step and do not offer installation and setup. If your drop off spot is not fully prepared, there will be an additional charge for the second delivery. Customer pays for the crane service and/or any additional manpower needed. It is the customer's responsibility to remove and replace all obstacles that may impede proper installation and setup.

FLOAT POD PAD REQUIREMENTS

Your new Float Pod **MUST BE PLACED ON A UNIFORMLY FIRM AND LEVEL SURFACE.** The pad foundation recommended is a concrete pad at least 4 inches thick. Refer to your brochure for foundation/pad size requirements. You will need at least 2 feet of space being the Float Pod to access electronic components. If a concrete pad is poured, this is the logical time to "plumb-in" your electrical conduit for 220 volt power line if desired. Be sure the concrete has cured for at least one week before setting the Float Pod in place. A typical Float Pod, once filled with water, could weigh as much as 3,600 lbs. **AN UNEVEN OR CRACKED CONCRETE PAD, OR IMPROPERLY SHIMMING YOUR FLOAT POD MAY CAUSE THE FLOAT POD TO BUCKLE, DISTORT AND / OR CRACK, RESULTING IN THE VOIDING OF YOUR FLOAT POD'S WARRANTY.**

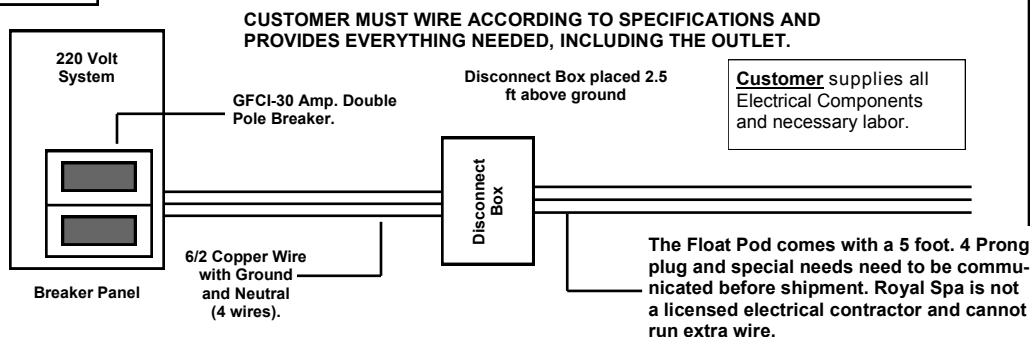
ADDITIONAL REQUIREMENTS

- All installations require the equipment system to be shielded from the weather. If the equipment system is placed away from the Float Pod then an enclosure will need to be built over it. The customer is responsible for providing this enclosure. Float Pods delivered without their cabinet structure, (not *skirted*) will need additional requirements to prevent environmental damage.
- Balconies and decks must be constructed to current state and local codes to safely support the maximum load of your water filled Float Pod. Check with your construction contractor for these specifications. Balconies and decks should support at least 80 pounds per square foot.
- It is the responsibility of the owner to provide clear access on **all sides** of the Float Pod in the event a repair is necessary. Otherwise, additional costs to the customer for the service and repair of the Float Pod may be incurred.
- It is not recommended to backfill against the Float Pods shell or cabinet. This will damage the Float Pod and void your warranty.
- During colder months: You will need to fill the Float Pod with a hose with a water source. ***The Delivery Carrier does not bring a hose or water.***

ELECTRICAL REQUIREMENTS

**220 Volt
30 Amp.
(4 Wires Total)**

Most 220 volt, 4.0 KW Equipment Systems requires two #6 gauge wires plus a ground wire and a neutral (**4 wires total**). A 30 Amp. Double Pole GFCI Breaker should be directly hard-wired to the breaker panel. (Copper Wire Only) A Disconnect Box is required within eyesight and 2.5 feet from the ground **or more**. The GFCI may be located in the Main Breaker box or in the Disconnect Box. **IF THE WIRE IS TOO SHORT, ROYAL SPA WILL NOT BE ABLE TO HOOK-UP YOUR FLOAT POD. THE FLOAT POD COMES WITH A 5 FOOT 4 PRONG PLUG AND SPECIAL NEEDS NEED TO BE COMMUNICATED BEFORE SHIPMENT. ROYAL SPA IS NOT A LICENSED ELECTRICAL CONTRACTOR AND CANNOT RUN EXTRA WIRE.**



THE FLOAT POD COMES WITH A 5 FOOT 4 PRONG PLUG AND SPECIAL NEEDS NEED TO BE COMMUNICATED BEFORE SHIPMENT.



NO EXTENTION CORDS are to be used in conjunction with the operation of the Float Pod. Low voltage damage could result which is not covered by warranty. All electrical work must be done according to NEC (National Electric Code) and any other applicable electrical codes.

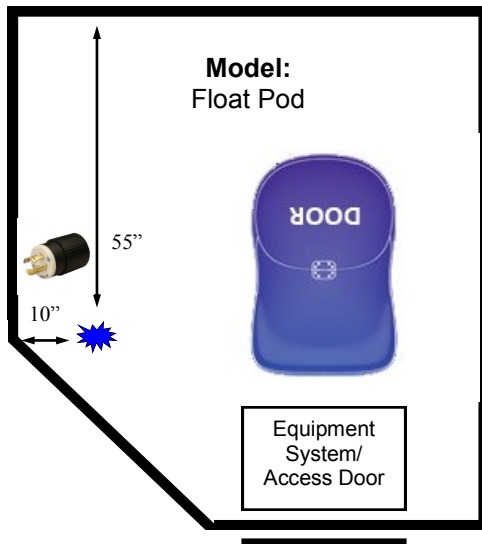
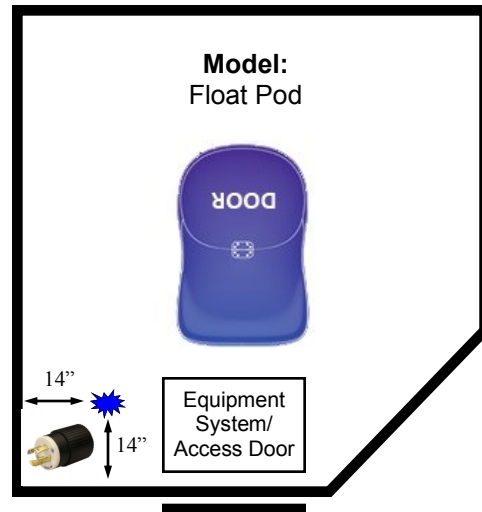
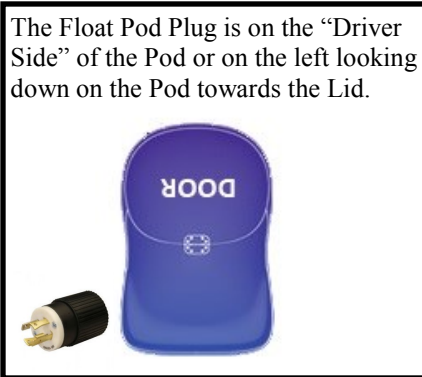
Electrical Stub-Up Locations

For Portable Float Pods

With Their Standard Equipment Location

*****Measurements Are For Commercial Float Pods***

Models:
Float Pod



In the case of an odd room layout you will need to request a custom length Float Pod Plug.

For wiring a “**Float Pod**”, start at the corner immediately to the left of the Access Door. From that left corner go to the left edge of the Float Pod. Measure 2.5 to 4 feet off the ground toward the corner parallel to the Access Panel. This location is the best stub-up location for your electrical connection.

This form refers specifically to Float Pods in their standard equipment locations. Customizing the location of your equipment system or the design of the Float Pod may change the location dimension outlined on this form.

BUILD-OUT ESSENTIALS GUIDE

NOTE: The following cables **MUST** be run from the Pod to the Lobby before pod arrival.

1) Intercom - One shielded 2-core non-twisted 22 AWG wire per pod.

This will be run from each pod to the main intercom master unit. (Our recommendation is to keep this in the lobby close to your reception desk)

2) Music - One male-to-male 3.5mm headphone cable per pod. (We recommend using 100 ft. shielded wire)

One end will be plugged into the pod and the other end will plug into the device of your choosing. We recommend running this wire up to your front lobby and using a 5-to-1-headphone splitter to split one music device up to five ways, for up to five pods.

3) Control Box Wiring - Three 14AWG stranded cables ran from each control module to the back of each pod. GREEN 14 AWG for FLOAT, WHITE 14 AWG for 12V, and BLACK 14 AWG for SOUND.

4) Temperature Probe Wiring - One shielded 3-core non-twisted 22 AWG wire per pod. Run from each control module to the back of each pod.

5) Control Software - One CAT5 or CAT6 Ethernet cable run from each control module to your router.

The Ethernet cable will be run from control module to your Wireless Router. This may or may not be in the lobby. Please check with your Internet service provider.

1) Electrical:

4-Prong twist plug will be provided and attached to the Float Pod. You will need to install the female side onto the wall. (NEMA L14-30R)

- Ideally place the plug for the Float Pod 2.5 to 4 feet above floor level and within a few feet of where you intend the back of the Float Pod to be in your room.
- 208V to 240V – Single Phase – 30 AMP
- You will need a Positive, Negative, Ground, and Neutral.



2) HVAC / Air-Conditioning:

- We have two HVAC units on the roof and ran HVAC ductwork in two separate paths:
 - PATH 1: All common/sitting areas
 - Use a separate thermostat and heat to what is most comfortable.
 - PATH 2: Only running to Pod rooms and Pod Hallway.

- Heated to 83F so people don't exit the pods and showers into cold rooms.
- Thermostat should be located in a Pod room or the Pod Hallway... our Pod Hallway has a door that fully closes out to common areas.
- o It's also possible to have two controls, but only one HVAC unit.
- o The idea here is that you want to keep the pod room hotter than the common areas otherwise people will catch a chill upon getting out.
- o Install an IN and OUT in each Pod room and an additional OUT with a Fan. Our fans are 100% silent and can be kept on all day, but normally we turn the fans on at night when we close and back off when we open. This will help take the humidity out of the air and also will prevent moisture from building in the corners of the room, preventing damage or mold problems.

3) Room Size / Flooring / Water-Proofing:

- o We recommend a 14 by 12 room. If you have smaller space check with local architect.
- o ******(Float Pod is not responsible for inadequate room layout or sizes)
- o For access, give yourself 1-3 feet behind the pod for maintenance.
- o Salt gets everywhere. Learn how to prevent salt damage before it occurs.
- o We have tile going up four feet up the walls in each Pod Room. The remainder of the wall is painted with a water resistant paint. Where the floor and drywall meet in the pod rooms, we used RED STUFF water proofing compound. We also use this in the showers. We then tiled over both and waterproofed all tile with 4-5 layers of waterproofing compound for tiles. If you use tile you will want to re-apply every 6 months or so to ensure the seal. Some centers use rubber sheeting as seen around an indoor pool or spa. This is superior for waterproofing, but is far more expensive.

4) Soundproofing:

- o We have found that 5/8 inch thick drywall with high density R-value insulation is sufficient for soundproofing the walls – meaning, one layer of 5/8" drywall, standard empty space in between, and another 5/8" drywall total.
- o For the interior we run heavy 16" tiles 4' up the walls with helps with soundproofing as well.
- o The interior of the rooms should be grouted tightly where the walls and floors meet to create a 'swimming pool' like interior.
- o For ceilings, we recommend nothing less than a drop ceiling with at least 3/8" thick drywall – not the foam drop. Ideally, a solid drop ceiling is better, but also more expensive. We found the drywall drop plus insulation above is sufficient.
- o Doors are 100% solid wood.

- o The extent of the soundproofing will be entirely up to you.
 - Gauge your environment and layout.
 - Separate Pod Rooms from common areas – use a separate hallway.

5) Light-proofing:

- o Put the lights in your room on a motion sensor timed to 60-90 seconds.
- o This will ensure the lights turn off shortly after user's enter the pod, but remain on during the shower.
- o Take control of light out of the user's reach. This will ensure the lights in the room are off during every float. Otherwise, there will be a small ring of light around the door of the Float Pod.
- o Pod rooms should not have windows.

Float Spa Essential Materials

We suggest the following products for use in your Float Spa. We cannot guarantee quality of product, nor do we endorse these specific companies or sources.

Salt

Purchase salt in bulk from San Francisco Salt Company.

Getting a full palette (about 2,200lbs) will run about 0.48c per pound. We have a great working relationship with SFSC, so please call the wholesale manager Christina Perez direct and let her know you are working with Float Pod Technologies and that we referred their products. They will take great care of you.

Tanisha Hendrix

Wholesale Account Manager

San Francisco Salt Company

591 Montague Ave

San Leandro, CA 94578

[510 477 9600 ext 115](tel:5104779600)

Hydrometer

You will need to keep salinity between 1.26 and 1.28 ideally.

Measuring Salinity is necessary to maintain proper buoyancy. We recommend putting in 3-4 cups of salt nightly to maintain levels as people get in and out of the Float Pod.

Use this link to purchase a hydrometer in the correct range.

http://www.amazon.com/Thomas-Specific-Gravity-Hydrometer-Heavier/dp/B0069TS1G6/ref=pd_sim_sbs_indust_1?ie=UTF8&refRID=0K42QKBYK9BMS5TFW7KK#customerReviews

Earplugs

We recommend silicone-based earplugs.

We've found child size works best. <http://www.earplugstore.com/mahotorchship2.html>

Vaseline

Individually wrapped foil-packed Vaseline to cover up any cuts / scrapes.

<http://www.amazon.com/Dynarex-White-Petrolatum-5-Gram-144-Count/dp/B004CQ5MH4>

Non-Slip Flooring

Pod rooms can be slippery: Use Dri-Dek. <http://dri-dek.com/>

Shammies

We use these in our rooms under the Dri-Dek to absorb spilling water. Pod rooms can be easily flooded. We recommend installing proper drainage and placing shammies underneath the dri-dek. Shammies should be wrung out and washed. There are many alternative solutions to flooding. Wholesale here: www.supercleans.com/shammy.html

Flip-Flops

Standard rubber sandals. Collect and sterilize after each use

Lotions / Shampoo / Conditioner / Cleaning Supplies / Snacks / Etc

We recommend using Melaleuca for shampoos/conditioners/lotions, etc.

Pod Brush

A standard pool brush with a long extended handle is necessary to clean the interior walls of the Float Pod. This is very important, as a scum line may form daily at the water line.

Pod Vacuum

A manually pump-powered vacuum is necessary to suck up dirt and heavy particles from the floor of the Float Pod. <http://bit.ly/1IUAA4R>

Spa Enzymes

True REST uses Sea Klear Enzymes.

<http://www.amazon.com/SeaKlear-Spa-Enzyme-Klear-1-Pint/dp/B0048MEZX4>

Chlorine / Oxidizer

True REST uses Leslie's Pool Store Brand.

Please see separate sheet for more details on Pod Sanitation "True REST Sanitation Schedule"

Float Pod Music Cable

3.5mm male-to-male audio cable (~100-150ft)

Use this cable if you wish to run music to an external location, such as the front lobby.

We recommend this 150-ft shielded 3.5mm cable: <http://bit.ly/1orLhpW>

STEP-BY-STEP FLOAT POD INSTALL GUIDE

Please watch our Install Video First: FloatPod.com/how-to-videos.

NOTE: The following cables **MUST** be run from the Pod to the Lobby before pod arrival.

1) Intercom - One shielded 2-core non-twisted 22 AWG wire per pod.

This will be run from each pod to the main intercom master unit. (Our recommendation is to keep this in the lobby close to your reception desk)

2) Music - One male-to-male 3.5mm headphone cable per pod. (We recommend using 100 ft. shielded wire)

One end will be plugged into the pod and the other end will plug into the device of your choosing. We recommend running this wire up to your front lobby and using a 5-to-1-headphone splitter to split one music device up to five ways, for up to five pods.

3) Control Software - One CAT5 or CAT6 Ethernet cable run from each pod to your router.

The Ethernet cable will be run from pod to your Wireless Router. This may or may not be in the lobby. Please check with your Internet service provider.

Step 1: Pod Delivery and Unpacking

- 1) We suggest hiring a moving company to help unload the Pod(s).
- 2) You will most likely need a forklift to unload the Pod(s) off the truck or you can contact a local tow trucking company that can pull the Float Pod(s) from the back of the truck.
- 3) Remove the wooden crate surrounding the pod. Be careful not to damage the surface of the pod.
- 4) Remove the waterproof pod covering

Step 2: Physical inspection of Surface

- 1) Check the Lip of the Float Pod
- 2) Check each side of the Float Pod

Step 3: Removing The Two Springs From The Pod Door

*(*PLEASE NOTE** Nothing should be unscrewed - all hinges and door spring pieces come off without the need for taking out screws. The two door springs must be removed FIRST before removing the door hinge. Removing the door hinge first could damage the Float Pod.)*

- 1) There are two pins securing each spring in place. The pins are located at the top and bottom ball joints – gently twist and pull out the pin.
- 2) Once all four pins are removed, have one person hold the door up. This person will be supporting the weight of the entire door. *(put the four pins in a safe place)*



3) Pop the top ball joint out where the door springs and door meet. You can hit the spring softly with your hand to pop it out. Repeat for the bottom ball joint. Repeat for left and right sides.

4) IMPORTANT: Mark and indicate which springs belong to which pod, and which spring was on the left and which spring was on the right. The springs have been carefully calibrated to match the weight of the Pod Door. Do not trade springs from left/right or pod to pod.

5) Once both springs are completely out, have the person holding the door carefully set it down.

Step 4: Removing The Pod Door

1) Now that the springs are off, the door can be unhinged by pulling out the ring pin. This can be done easily with a flat head screwdriver and a hammer. Carefully chisel out the ring pin from the hinge. (see right)

2) Once halfway out, the ring pin should pull out easily using the ring on the other side.

3) Once the ring pin is removed place the door on a padded surface to avoid damage.



Step 5: Unbolting The Top Piece

Unscrew bolts that are running along the entire side of the Float Pod. These bolts secure the top piece to the base piece. There are no threads and all bolts are tightened into the bottom piece with a nut. Unbolt and keep all pieces in a safe place.

Step 6: Removing Top Section

The entire top section of the pod will come off easily once all the front 3 bolts are out. Move into a safe place and set down gently on a padded surface to avoid damage.

Step 7: Moving The Pod In

We suggest hiring a professional moving company to move your Float Pod in. If you choose to do it yourself here are some pointers.

1) The pieces are all heavy and awkward to lift. The weight of the pod pieces can swing unexpectedly. Use several movers to help better cover potential weight swings.

2) Move the base piece in first and position it where you want it in the room. It is easier to

move the base alone without the other pieces on top. It will be nearly impossible to move once filled with water.

3) It may be necessary to move the base piece in vertically, with the electronics at the top. If you do this, water may come out of the piping. Dry up any spilled water to avoid slipping.

4) Next, bring in the top piece, and carefully place on top of the base. Line up all the bolt holes.

Step 8: Putting The Pod Back Together

1) Replace all bolts and lock the top piece to the base piece securely using the provided nuts.

2) Next, bring in the Pod Door and line up the door hinges.

3) Put the large ring pin all the way back in place to secure the Pod Door onto the hinge.

4) Reattach the door springs onto the correct sides of the door. Always remember to put the pins back into ball joints to lock the springs into place.

Step 9: Wiring The Float Pod

1) The Control Box: See "Control Box Setup" in Operations Manual.

2) Music: See "Float Pod Music Guide" in Operations Manual.

3) Intercom: See "Intercom Install Guide" and "Intercom Wiring Map" in operations manual.

Intercom Install Guide

You should have already run 22AWG Non-Twisted Shielded 2-core wire from the Pod Room to the Lobby (or anywhere you want to mount your intercom).

If you have not already wired your building for the intercom, please refer to the Build-Out Essential Guide for instructions.

Wiring the Intercom Unit:

- 1) There should be two 22AWG wires coming from each Float Pod, running to where you'd like to install the Intercom. We recommend running the wires through the wall and mounting the Intercom Unit directly onto the wall.
- 2) Unscrew and remove the faceplate from the Intercom unit.
- 3) Pull the two 22AWG wires through the back of the Intercom unit and mount the unit to the wall using the supplied mounting screws.
- 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 Unit 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.

Wiring the Float Pod to the Intercom Unit:

- 1) 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 Unit:

- 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.

