



# ORBIT MAINTENANCE GUIDE

ISSUE 1  
PV1



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# OVERVIEW

To ensure your Orbit is running at it's best and looks great for every customer, you will need to maintain it's cleanliness and solution diagnostics regularly, see below for a quick breakdown:

## DAILY TASKS:

- **Run a '660' Second** float at the start of the day to ensure your system is running as expected and to clear any salt that may have crystallised over night.
- **Test the H2O2 levels** with supplied test strips before your first float for a quick read to ensure disinfectant levels are as expected
- **Clean the Internal & External Surface** with a hot cloth to remove any deposit of salt

Additionally, we advise cleaning the floor in front of the Orbit before the first float of the day.

## WEEKLY TASKS:

All of the daily tasks outlined above, and the following:

- **'Deep Clean'** of Orbits Internal & External surface either dowsed with a hose and hot water or just a microfibre cloth and then buffed with a dry cloth or leather chamois.
  - **Test Salt Levels** to ensure buoyancy of the solution is correct.
  - **Test the Water Level** of the solution to ensure it's at a constant 10 inches.

We advise completing these tasks on a designated days when your centre is closed and keeping a log of the information of all the levels for your record.

## MONTHLY TASKS:

- **Clean the Blue Pre-Filter Foam Blocks** or replace if required!
  - **Replace the Bag Filters** for a new set.

# POST FLOAT WIPE DOWN

**In between every float**, the Orbit needs to be wiped down to prevent built up of Salt on the surface and to remove contaminants left behind by users. Areas for close attention include:

- Around the internal surface edge of the base
- Internal & External Buttons located on the lid
  - External front edge of the entrance
  - External Grab handles on each side

We advise using a telescopic squeegee / sponge mop to agitate the internal surface of the base to remove hair and other contaminants along with salt.

**Wiping down the surface**, both internally and externally with a hot microfibre cloth is a good way to clean the Orbits surface and prevent the build up of salt. Should Salt have built up, dowsing the surface with a hot water hose is a good way to combat this. We advise having and using a wet vac with this method is best to ensure a clean pod and tidy float room.

**Using Skimmer Mode** after every other a float is useful to remove any unwanted contaminants on the base of the Orbit left behind that would have been on the surface of the solution.

This mode fills the Orbit with a small amount of solution and then processes that through the pumps filtration process to remove these contaminants from the solution & its surface.

At the end of the modes cycle, it will fill with more solution to be able to empty. Once at the correct level, the pod will then empty and return to a standby mode to heat up the solution.

**TOP TIP:** This mode is useful for processing and removing hairs from the Orbits Base, if the user doesn't leave any hairs behind there's no need for a skimmer mode! Just a wipe down!

# WEEKLY DEEP CLEAN

**Every week**, on a designated day when your centre is closed, the following tasks are required:

**'Deep Clean'** of Orbits Internal & External surface either dowsed with a hose and hot water or just a microfibre cloth and then buffed with a dry cloth or leather chamois.

## **AREAS TO FOCUS ARE:**

- Entirety of Orbits Internal surface; both base and top component
- Entirety of Orbits External Surface including front, sides back and lid
- Grab Handles at the side of the Lid Opening on the top component
  - Front and Back edge of the door opening

Additionally, the floor to the float room, especially tin front of the Orbit and the space in-between the Orbit and the Shower.

**Test Salt Levels** to ensure buoyancy of the solution is correct. Use the Hydrometer provided by Orbit Float Ltd to check the Specific Gravity and add Salt if required.  
See **Page 9** for more details.

**Test the Water Level** of the solution to ensure it's at a constant 10 inches. This is a simple test using a Ruler or Tape Measure to ensure the solution is at 10 inches when the Orbit is full of solution.

**TOP TIP:** If the solution level is below 10 Inches, test the solutions Salt Level (Specific Gravity) first before adding water!

# TESTING H2O2 LEVELS

H2O2 test strips must be used to accurately measure the levels in your solution.

Please follow these steps very carefully for your own safety:

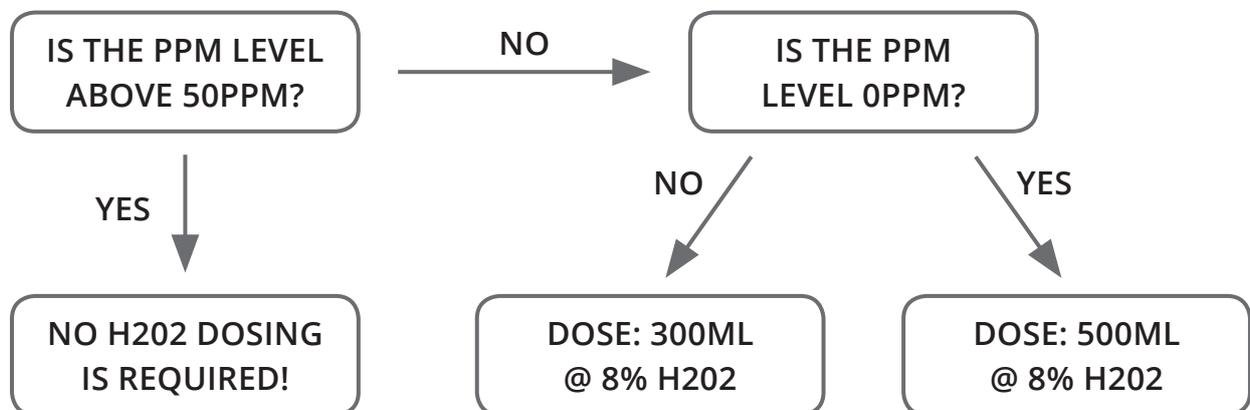
Using the Orbit H2O2 Test Strips provided:

1. Fill Orbit using the start function.
2. Dip the test strip into the solution for 1-2 seconds & shake off excess.
3. After 10 seconds compare against the colour scale on the bottle (Shown Below)



**If the solution is lower than 50ppm** then this simply means that the dosing system is not keeping up with the use of the system. You can easily dose the solution manually with H2O2.

If dosing is required please ensure gloves are used and that the tanks ARE NOT in use!

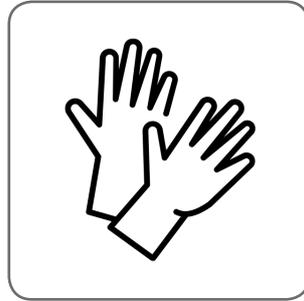


Using a measuring cup (Ensure this is clean & Dry)

1. With gloves & taking your time – Take off the cap of the H2O2 bottle and pour out the correct measurement.
2. Take the cup of H2O2 to the tank and pour in
3. Slowly pour the H2O2 across the solution with a left to right motion. Dipping the cup in to release excess.

# ADDING H2O2 TO YOUR SYSTEM

## REQUIREMENTS



GLOVES

## PRE MAINTENANCE CHECKS

Please be cautious at all times when handling Hydrogen Peroxide.



**WARNING: ORBIT H2O2 IS CORROSIVE AND HARMFUL TO SKIN. PROTECTIVE GLOVES MUST BE WORN AT ALL TIMES.**

# ADDING H2O2 TO YOUR SYSTEM



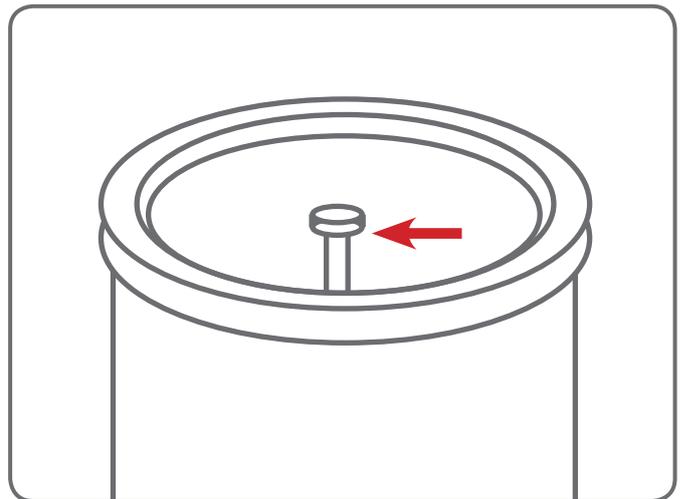
1. Undo the lid bolt at the top of the reservoir.



2. Slide off the H2O2 reservoir lid



3. Carefully remove the cap on the H2O2 bottle and slowly pour into the reservoir.



Fill with H2O2 up to this point.



4. Place the lid back into the reservoir tank.



5. Tighten the bolt on the clamp. Only hand tight is required.

# MAINTAINING SALT LEVELS

To **manually check** your solutions salt levels please use a **Hydrometer** outlined below:  
(They are supplied by Orbit Float LTD as a part of your starter kit).

1. Using the Orbit Software, run a short '660' float session.
2. Once the tank is full, put the specific gravity Hydrometer in the solution.
3. Let the Hydrometer settle and take the reading

## Salt Content (Specific Gravity)

IF BETWEEN 1.25 & 1.26

IF BELOW 1.22 SG

IF ABOVE 1.3 SG

## Salt OR Water Required

NO ACTION REQUIRED

Top up with 1 x 25kg Bag of Epsom Salt

Check Solution level additional water may be required

## ADDING SALT

To add Epsom Salt, run a '660' Float from the Orbit software, ensuring that the solution is at temperature.

1. Pick up and place the bag on the front of Orbit (shown in Figure 1).
2. Place a cloth or towel on the rim to ensure the surface of the pod is not damaged.
3. Take care when cutting the bottom of the bag (Figure 2) and move the bag in a side to side motion pouring the entire bag out and into Orbit.
4. Stir thoroughly with a squigie and ensure all salt granules are dissolved before the Orbit empties.



Figure 1



Figure 2

# MAINTAINING YOUR SYSTEM

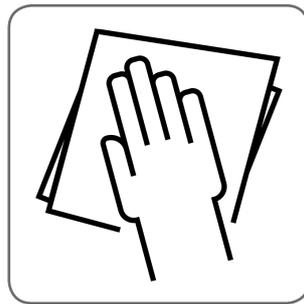
## CHANGING YOUR BAG FILTERS

Your Orbit System will require a filter change after 1 to 2 months (depending on usage). The following outlines how to change your filter when the time comes.

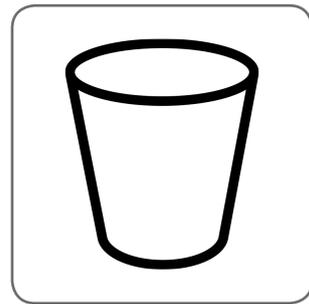
## REQUIREMENTS



TOWEL



CLOTH

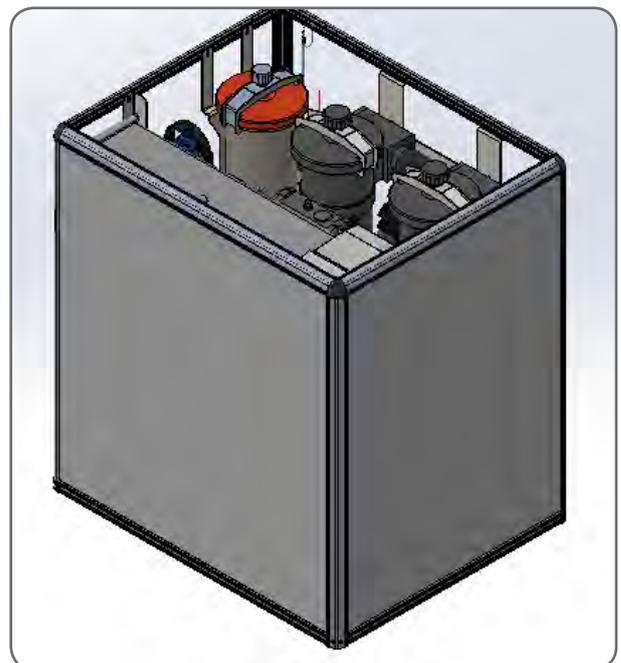
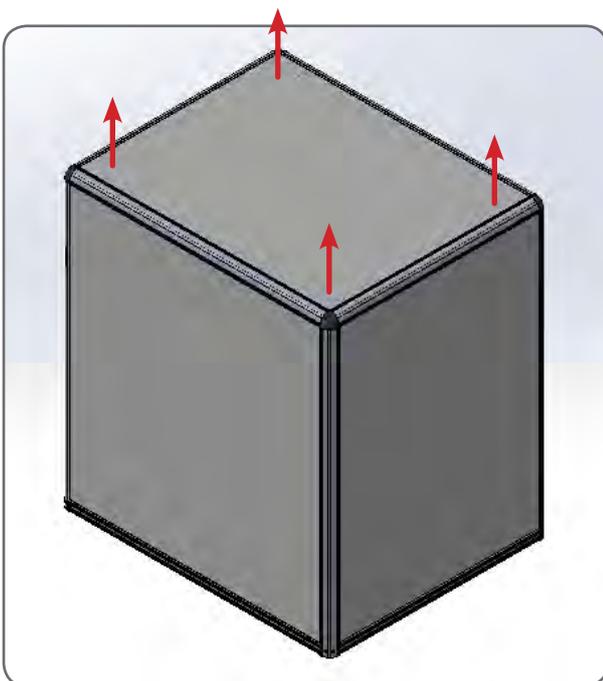


BUCKET

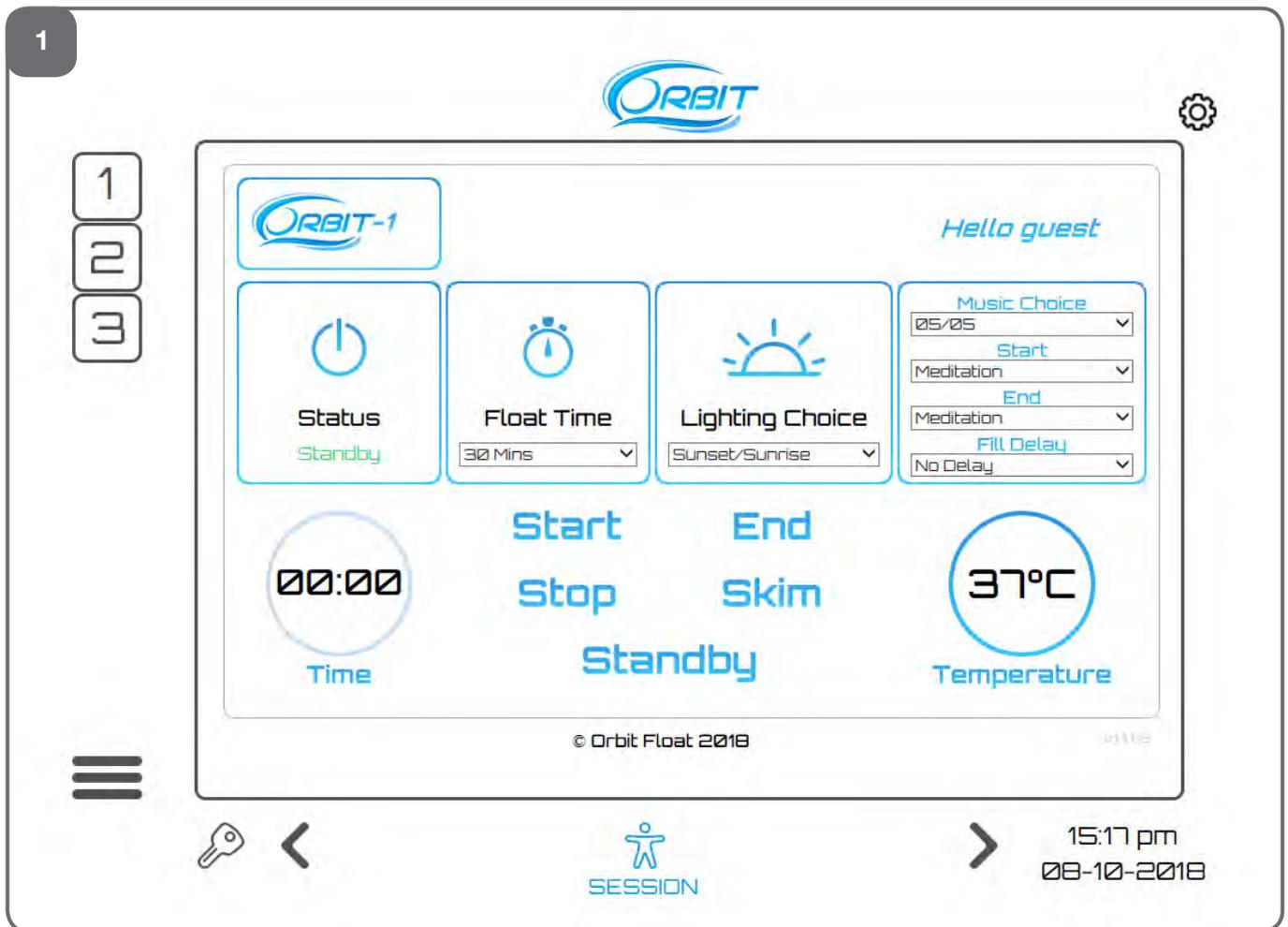
## PRE MAINTENANCE CHECKS

Prior to changing Orbit Filters, ensure that there are no customers booked in for a session in the Orbit you wish to swap the filters on and that you have the new filters to hand.

To access the pump, remove the top cover panel (Shown Below)



# CHANGING YOUR BAG FILTERS



1. From the Orbit Control Software, Select '**660**' for the float time and select '**Start**'.



2. Orbit's Halo will turn green to indicate that it's filling with solution.



3. Once Orbit has fully filled the halo will change from green to white. Select '**Stop**' from Orbit Control.

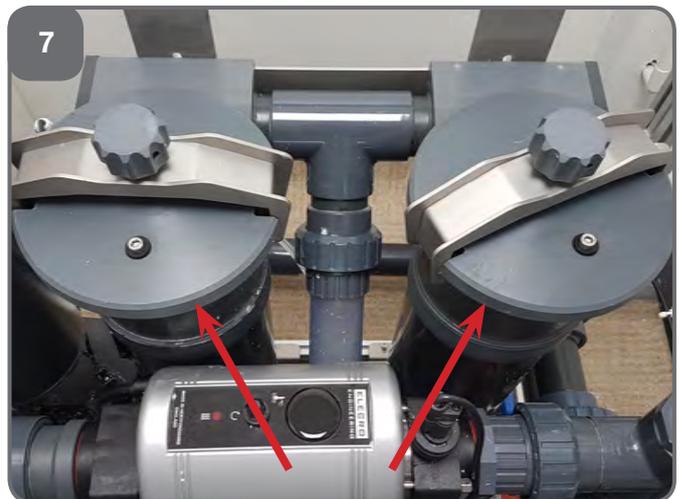
# CHANGING YOUR BAG FILTERS



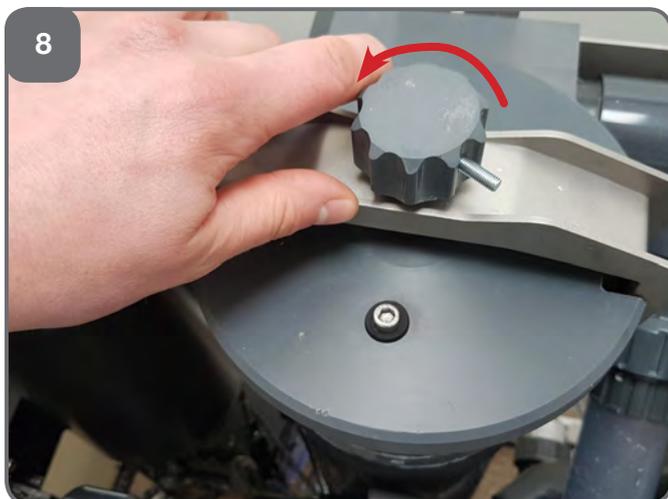
4. Close Orbit's Lid to ensure minimum heat loss.



5. Close the ball valves at the back of Orbit to isolate the solution.



7. The two bag filters are located here in the pump unit.



8 & 9. To remove the filter lids, turn the bolt on the clamps anti-clockwise

# CHANGING YOUR BAG FILTERS



10 & 11. Lift and keeping it flat, slide the lid out.



12 & 13. Remove the foam filters from the top of the housing. Clean off any debris collected.



14 & 15. Slowly pull the bag filter out, letting excess solution drain out into the housings.

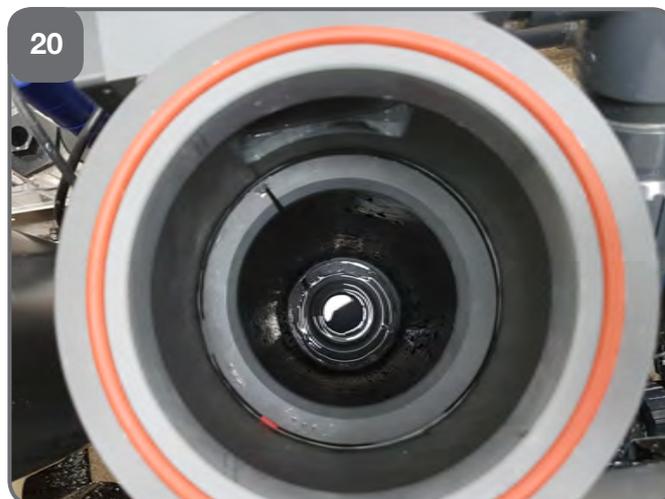
# CHANGING YOUR BAG FILTERS



17. Place the used bag filter in a bucket for disposal.



18 & 19. Place the retaining ring back into the housing.



# CHANGING YOUR BAG FILTERS



21. Place the new bag filter into the housing.

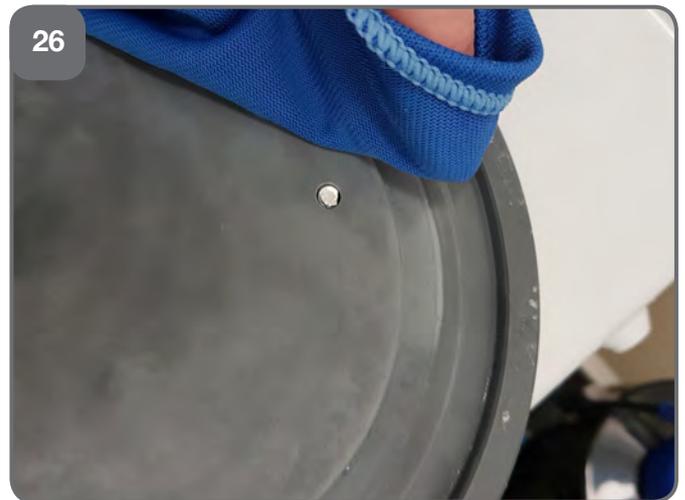


22. Push the new filter all the way down.



23 & 24. Re-insert the blue foam filter. Rotate to an unused face if necessary.

# CHANGING YOUR BAG FILTERS



25. & 26. With a wet warm cloth, wipe the surfaces shown above to ensure a secure seal.



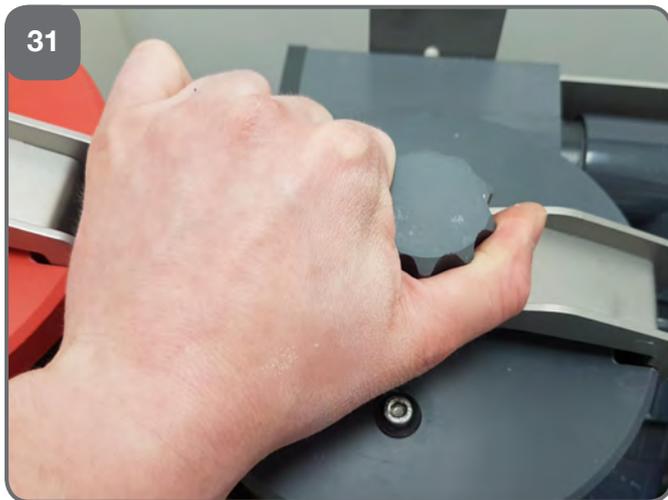
27 & 28. Ensure both O-ring shown above are still present, with no signs of damage.



29. Slide the lid and clamp back over the top of the filter housing.

30. Push down evenly across lid.

# CHANGING YOUR BAG FILTERS



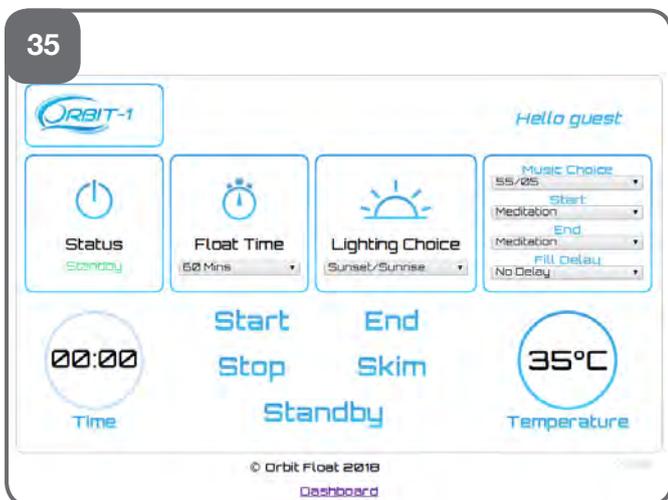
31. Tighten up the bolt on top of the clamp.  
**THIS SHOULD ONLY BE HAND TIGHT.**



32. Complete the same process for the second filter housing shown above.



33 & 34. Re-open the ball valves on the reverse of the tank.



35. From the Orbit Control Software, Select 'End' to remove the solution from Orbit.



36. Check that the filter housings are sealed.

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