

Start Up Guide - Custom Series

***include upgraded Classic Series**

CUSTOM SERIES

Arctic Fox

Cub

Yukon

Frontier

Kodiak

Klondiker

Tundra

Summit

Summit XL

Ocean -AWP

Okanagan - AWP

UPGRADED CLASSIC SERIES

McKinley

Mustang

Totem

Eagle

Timberwolf

Hudson - AWP

Kingfisher - AWP

Athabaskan - AWP

Wolverine - AWP

The purpose of this guide is to provide you with a quick setup. For more detailed instructions on setting filtration cycles, on/off features etc, Additional Custom Series information can be found on pages 28 - 36 of the owner's manual.

Start Up Guide Custom Series

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| 3 | Preparing the ORP probe** spas equipped with SpaBoy® |
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Step 1: Filling your new Arctic Spa

1. Fill your spa with a garden hose put the hose in your filter canister. (img 1.1)
2. Once the water level has reached the bottom of the headrest, turn off the water and remove the hose from the spa.(img 1.2)



(img 1.1)



(img 1.2)

Step 2: Preparing ORP Probe. ** SpaBoy® option only

Start by verifying if the SpaBoy® probe has been installed. Depending on the time of year (freezing temps) and time between installation and hook up the probe may not have been installed.

1. Locate & remove the bottle protecting the end of the SpaBoy® probe. Remove by gently pulling the bottle straight away from the wall. (img 2.1).
2. Insert the threaded safety grate provided by turning clockwise until snug (img 2.2).



(img 2.1)



(img 2.2)



NOTE: If you see this plug has been installed DO NOT remove until you have verified probe is in place. SEE NEXT PAGE

WARNING- Failure to remove the bottle or plug can result in over sanitization damaging the spa, creating unsafe water and voiding warranty.

Preparing SpaBoy® Probe - Plug installed



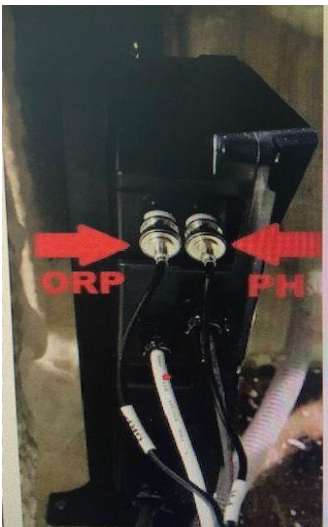
(img 2.3)

If the plug has been installed (**img 2.3**) there is a possibility that the SpaBoy® probe was not installed upon delivery due to cold weather or the spa not being filled and turned on for an extended period of time.



(Img 2.4)

To verify the probe has been installed Please open the cabinet door behind the probe housing to confirm you can see the back of the probe (**img 2.4**).



(Img 2.5)

Once you have verified the probe has been successfully installed, you need to ensure it is connected to the generator. The wires attached to probe are labelled ORP and pH. Attached to the corresponding fitting on the generator (**img 2.5**). Insert the wire end giving a turn clockwise to ensure connection is secure.

Step 3: Installing the filters - Progressive Filters

1. Your new Custom Series Arctic Spa comes equipped with 2 new Progressive Filters. One filter is a High Flow and the other is a Standard Flow (**img 3.1**). To determine which side the filters belong locate you model on the chart below.
2. Inserted in the top of both filters you will find a filter tray (**img 3.2**). This tray is designed to remove impurities in your source water. After 24 hours remove the filter trays rinse, and leave out. They can be used again on your next fill.



(img 3.1)

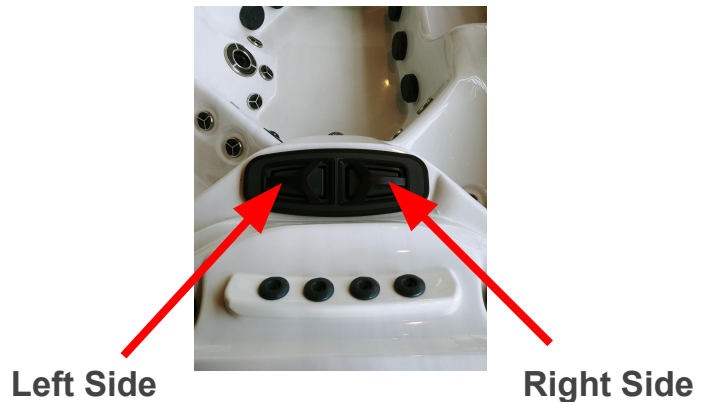
Filter placement is determined by standing outside the spa directly behind the filter canisters and looking down over the waterfall onto the filter canisters

| MODEL | LEFT SIDE | RIGHT SIDE |
|-------------------|----------------|-----------------|
| Arctic Fox | Standard | Hi Flow |
| Cub | Standard | Hi Flow |
| Yukon | Standard | Hi Flow |
| Frontier | Standard | Hi Flow |
| Kodiak | Hi Flow | Standard |
| Klondiker | Standard | Hi Flow |
| Summit | Standard | Hi Flow |
| Tundra | Standard | Hi Flow |
| Summit XL | Standard | Hi Flow |
| Ocean | Standard | Hi Flow |
| Okanagan | Standard | Hi Flow |



(img 3.2)

Important: Trays are to only be in for a 24 hour period leaving them in longer may reduce the effectiveness of filtration. When the weirs float above the filters this is a good indicator the trays need rinsed or replaced.



Left Side

Right Side

Step 3: Installing the filters - Silver Sentinel Filters

** upgraded Classic Series

1. Your new Arctic Spa comes equipped with 3 different types of filter media. A Silver Sentinel thread in filter (**img 3.1s**), a rescue bag (**img 3.2s**) and a short pleated thread in filter (**img 3.3s**) ** **NOTE - Timberwolf will only come with Silver Sentinel thread in filter (img 3.1s)**



(img 3.1s)



(img 3.2s)

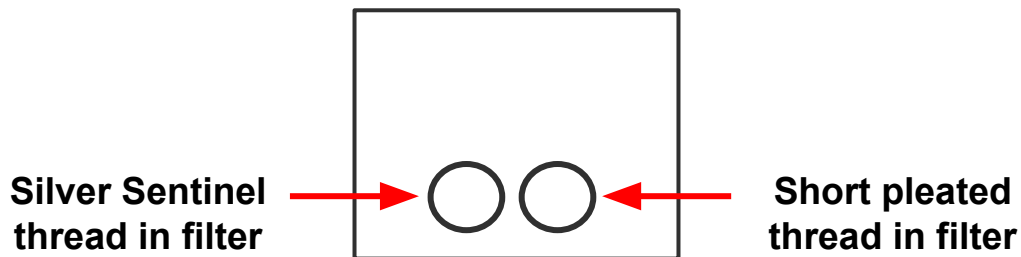


(img 3.3s)



(img 3.4s)

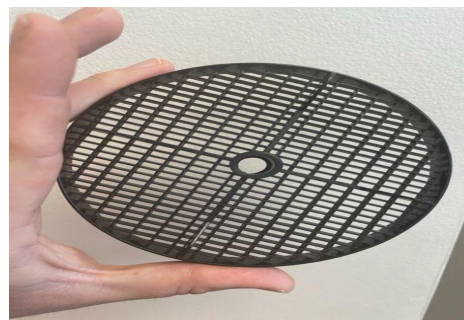
2. To install the filters, locate the filter weirs (**img 3.4s**) in your spa. Standing outside of the spa with the weir(s) directly in front of you, remove the weir by simply lifting it out of the spa. On the left side insert the Silver Sentinel thread in filter by pushing down and turning until the filter does not float. Once in place, return the filter weir back into the canister. Repeat this process on the right side using the short pleated thread in filter, keeping the weir out to install the rescue bag.



3. With the filter weir still not in place, invert to expose the open end (**img 3.5**). Looking inside the weir you will notice a grate. Remove the grate (**img 3.6**) by turning counter-clockwise. In place of the grate, thread in the rescue bag. Return the weir into the spa overtop of the short pleated thread in filter.



(img 3.5)



(img 3.6)

Step 4: Power ON

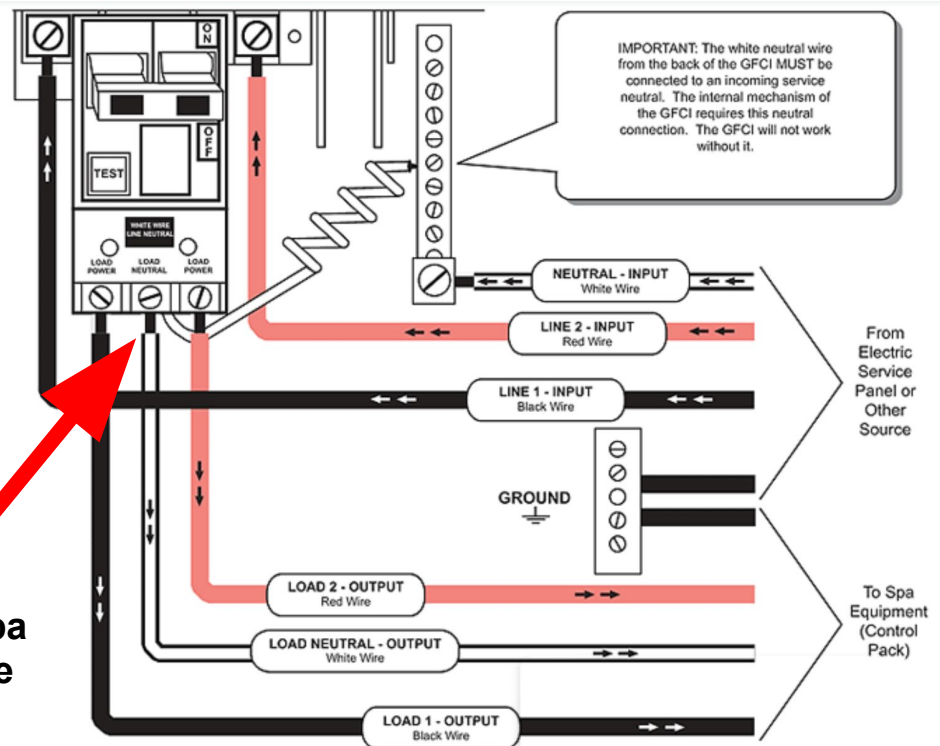
Now that your spa is full, filters are in place, ORP probe is uncovered and the protective grate is installed (SpaBoy® option only), you are ready to turn the power on to your spa.

1. Ensure your breaker inside your main panel is turned on.
2. Locate your outside breaker box (**img 4.1**) and flip to the on position.
3. The topside display will light up, start loading the software and start heating. Depending on the temperature of the water going into the spa it may enter freeze protect mode. Pumps will cycle on and off periodically.



(img 4.1)

NOTE: If your breaker trips on the initial start up, verify that the spa is wired correctly. The most common mistake made is putting the output neutral wire in the wrong place. From the diagram below (**img 4.2**) you can see the output neutral must be connected directly to the GFCI and not the neutral bar.

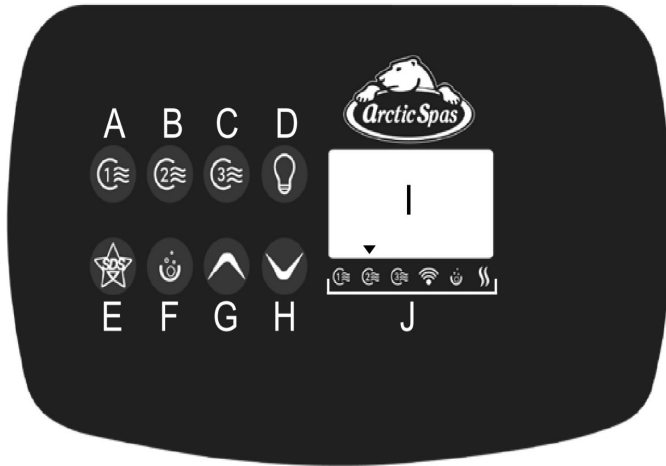


(img 4.2)

Neutral wire going to spa
must be attached to the
GFCI

Step 5: Completing Start-up

Now that your electrical is verified and your spa is on you can go to your display and set your desired temperature all other settings will be factory set.



1. Step the desired temperature by pressing the up and down buttons (G & H)
2. Once your temperature is set close the lid and allow the spa to heat up to desired temperature.
3. Additional control information can be found on pages 32 to 34 of your owner's manual

- | | |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| A Pump 1 | F Setting / YESS |
| B Pump 2 | G Up Arrow |
| C Pump 3 | H Down Arrow |
| D Light Control | I Display |
| E SDS Control | J Function Indicator Section A small inverted triangle over the symbol indicates that the corresponding function is active. |

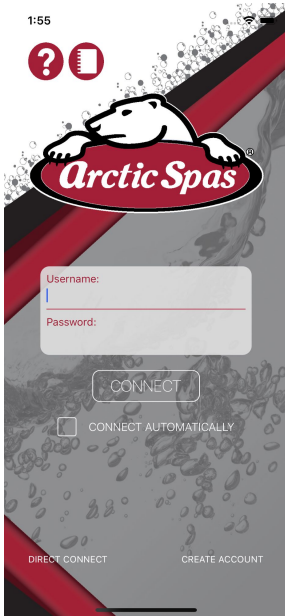
Based on the series of spa you have some buttons may not have any function

Step 6: Home Connect

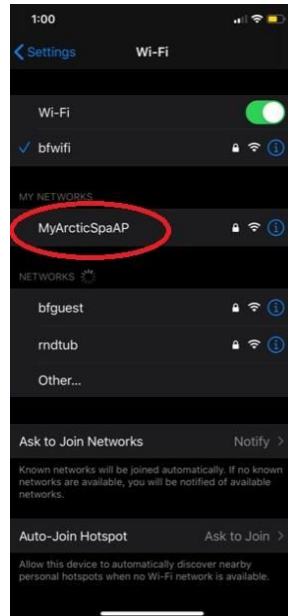
Each custom series spa is accessible via a website www.myarcticspa.com or through the Arctic Spas app. In order to access your spas functions via your device, the spa must first be connected to your home network. Your new spa does come equipped with WIFI but as previously indicated in your signed appendix, WIFI may not work in your area or specific installation. A connection point via other methods may be necessary. Please contact your sales representative for more information.

Step 6: Home Connect continued...

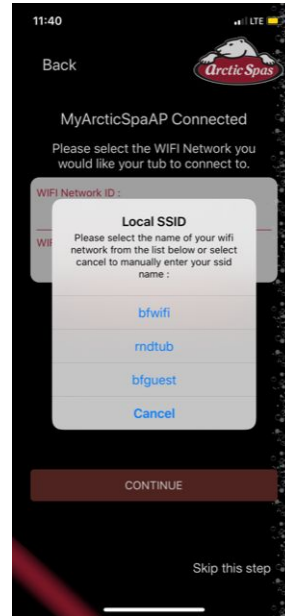
1. Download the Arctic Spas app on to your device.
2. In the lower right corner of the main app screen select **“SETUP NEW SPA”**(img6.1)
3. You will then be asked if the spa is a new connection or has been setup before. Choose **“SETUP NEW CONNECTION”**
4. Press and hold pump 3 until you see AP, Once AP appears let go and await AP UP
5. Once you see Ap Up. Go to your devices WIFI settings. Join the hotspot **“MyArcticSpaAP”**. **Password: 1234567890** (img 6.2)
6. Go back to your app. Find your home network and select it from the list of available networks. (img 6.3)
7. Ensure the network name is entered and enter your password.
8. Wait for the spa and the device to connect. They are connected when the arrow appears above the WIFI symbol on the topside panel (img 6.4)
9. WIFI set up is now complete .



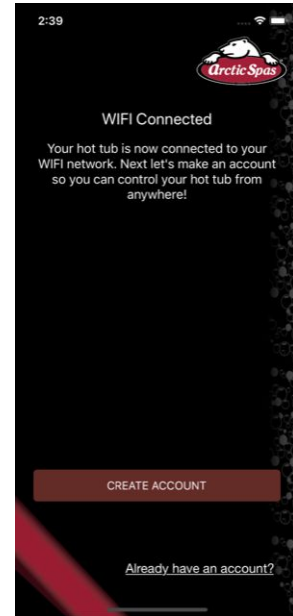
img 6.1



img 6.2



img 6.3



img 6.4

If you haven't yet created a myarcticspa account, please visit www.myarcticspa.com to setup your account. You will need a login to access your spa remotely when your device is not connected to the same network as your spa. Be sure to select Arctic Hot Tubs Whitby/Vaughan as your preferred dealer.



Spa Boy® & Onzen™ Saltwater Startup

Before you attempt to balance the water, the water temperature must first reach a minimum temperature of 85°F (29°C)

Step 1: Establish Correct Water Chemistry

Balancing the water correctly before usage will make the water easier to maintain. Remember when adding any chemical to have the lid open and run all the pumps to ensure good mixture.

1. Add the initial dose of **BEST DEFENCE(2oz/1000L)** Run the pumps for a cycle
2. Test & adjust pH. Use the **Rainbow Chlorine/Ph test kit** provided. pH should be between 7.2 and 7.6 at this stage getting the ph as close to the lower limit will be beneficial as Step 2, adding the salt will increase ph.
IMPORTANT: Onzen™ requires an additional step using Aquachek yellow test strips to test and adjust alkalinity before ph. Perfect balance to raise/Adjust down to lower.

Step 2: Mixing & Adding the Salt ** Salt will cause pH to rise

1. Dissolve 1/3 of the required recommended salt dosage in a pail of hot water.
2. Add mixture into the spa with pump(s) running. This will allow the salt to mix thoroughly throughout the spa.
3. After 30 mins, re-test pH and adjust accordingly if necessary. To lower pH, add 1 cap of **Salt Water Balance** in 15 minute increments, checking between each dose. **AWP add 2 caps at a time.**
**** If pH goes low do not adjust. pH will rise on its own.**
4. Repeat steps 1-3 until all salt has been added.

| <i>Spa Model</i> | <i>Volume</i> | <i>Recommended Salt Dosage</i> |
|------------------|---------------|--------------------------------|
| Summit XL | 2033 L | 4.5 kg |
| Summit | 1363 L | 3.0 kg |
| Tundra | 1556 L | 3.4 kg |
| Kodiak | 1295 L | 2.8 kg |
| Klondiker | 1412 L | 3.1 kg |
| Frontier | 1268 L | 2.8 kg |
| Yukon | 1264 L | 2.8 kg |

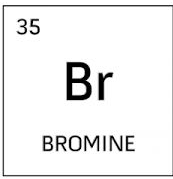
| <i>Spa Model</i> | <i>Volume</i> | <i>Recommended Salt Dosage</i> |
|------------------|---------------|--------------------------------|
| Cub | 1041 L | 2.3 kg |
| Arctic Fox | 787 L | 1.7 kg |
| AWP | 5100 L | 11.2 kg |
| Mustang | 1400 | 3.1 kg |
| McKinley | 1700 L | 3.7 kg |
| Totem | 1360 L | 3.0 kg |
| Eagle | 1185 L | 2.6 kg |
| Timberwolf | 884 L | 2.0 kg |



Spa Boy® & Onzen™ Maintenance

The potential maintenance of your salt water system will vary depending on factors such as bather load, usage, water quality etc. There is no one specific set of guidelines to follow. Your maintenance program will be as unique as you and your spa or AWP.

| Maintenance | Frequency | Dosage |
|-------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SALT WATER BALANCE | As needed | To lower pH, add 1 cap of Salt Water Balance in 15 minute increments, checking between each dose either through ONSPA (Arctic Spas app), the topside control or by logging on myarcticspa.com through a web browser NOTE: AWP add 2 caps at a time. ** If pH goes low do not adjust. pH will rise on its own. |
| PERFECT BALANCE ** ONZEN ONLY** | As needed | Test & adjust alkalinity. Use chlorine test strips provided. Alkalinity should be between 80-100 ppm |
| BEST DEFENCE | Weekly | Add 2 oz/1000 L directly to water with the pumps running. |
| ENZYME DESCUMMER | Weekly | Add 60ml per 1000L. directly to water with the pumps running. |
| *Available Oxidizer | Based on usage | SPABOY® - If the chlorine indicator remains low add 1 cap of oxidizer to aid system in recovering. ONZEN™ - If chlorine level is low or after heavy bather load add 1 cap of oxidizer to aid system in recovering. NOTE ** AWP will require 2-3 caps |
| FILTERS | Based on usage | Progressive Filters may last up to 6 months based on Usage. Typical filter range is 3-4 months. |
| ZORBIE | Based on usage | Ideally a Zorbie lasts 3-4 months. This will vary based on usage, bather loads and additional factors. DO NOT RING OUT/SQUEEZE |
| WATER | 4-6 months | The frequency within which you drain your spa will vary. |



Bromine Start Up & Maintenance

Before you attempt to balance the water, the water temperature must first reach a minimum temperature of 85°F (29°C)

Step 1: Establish Correct Water Chemistry

1. Add the initial dose of **ULTRA SPA** (200 gm/1000L). Turn pumps on wait 30 mins
2. Add the initial dose of **BEST DEFENCE** (2 oz/ 1000L). Turn pumps on wait 30 mins
3. Test & adjust alkalinity. Use Bromine test strips provided. Alkalinity should be between 80-100 ppm
****note If Alkalinity is low, raise with PERFECT BALANCE.. Do not lower total Alkalinity.**
4. Test & adjust pH. Use Chlorine test strips provided. pH should be between 7.2 - 7.6
****If ph is high (over 7.6) adjust with ADJUST DOWN to lower.**
5. With pump(s) operating add 20 gm/1000 L of **PEAK BOOST** to bather free water
6. Fill floating Dispenser with **BROMINE TABS** and fill to desired level. Level 3-4 is recommended to start

| Maintenance | Frequency | Dosage |
|---------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *Available Oxidizer | After each use | **Oxidize organics by adding 1 cap of oxidizer directly to the water with pumps running. Heavy bather loads, 3 or more will require an additional cap Leave cover open for 20 mins. Close when complete |
| BEST DEFENCE | Weekly | Add 2 oz/1000 L directly to water with the pumps running |
| ULTRA SPA | Weekly | Add 20 gm/1000 L directly to water with the pumps running |
| PEAK BOOST | Weekly To be used if bromine extremely low | **Add 1 cap directly into the water with pumps running. Leave cover open for 30 mins. Close when complete DO NOT ENTER SPA for a minimum 8 hours after adding PEAK BOOST. Retest water to ensure bromine levels have returned to safe levels |
| FILTER(S) | Based on usage | Ideally filters should last for 3-4 months. This will vary based on usage, bather loads and additional factors |
| ZORBIE | Based on usage | Ideally a Zorbie lasts 3-4 months. This will vary based on usage, bather loads and additional factors. DO NOT RING OUT/SQUEEZE |
| WATER | 4-6 months | The frequency within which you drain your spa will vary. |



Chlorine Start Up & Maintenance

Before you attempt to balance the water, the water temperature must first reach a minimum temperature of 85°F (29°C)

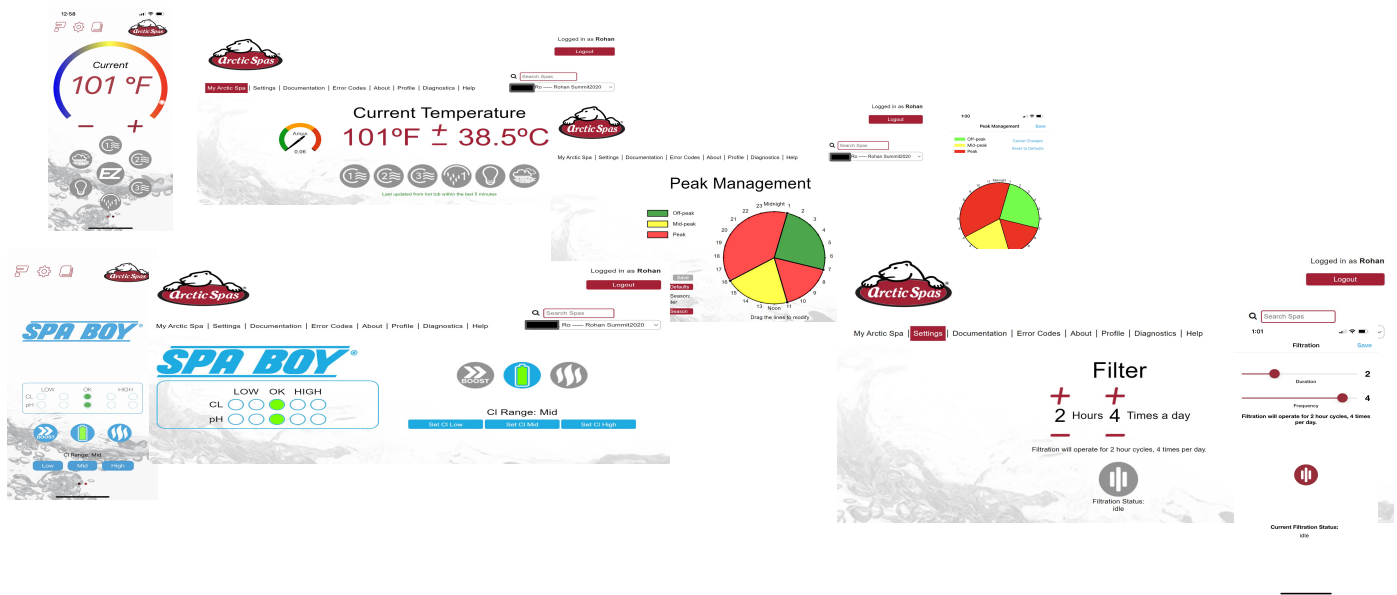
Step 1: Establish Correct Water Chemistry

1. Add the initial dose of ULTRA SPA (200 gm/1000L). Turn pumps on wait 30 mins
2. Add the initial dose of BEST DEFENCE (2 oz/ 1000L). Turn pumps on wait 30 mins
3. Test & adjust alkalinity. Use Chlorine test strips provided. Alkalinity should be between 80-100 ppm
****note If Alkalinity is low, raise with PERFECT BALANCE.. Do not lower total Alkalinity.**
4. Test & adjust pH. Use Chlorine test strips provided. pH should be between 7.2 - 7.6
****If ph is high (over 7.6) adjust with ADJUST DOWN to lower.**
5. With pump(s) operating add 20 gm/1000 L of **BOOST** to bather free water
6. Fill floating Dispenser with **CHLORINE TABS** and fill to desired level. Level 3-4 is recommended to start

| Maintenance | Frequency | Dosage |
|---------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PERFECT BALANCE | As needed | Test & adjust alkalinity. Use chlorine test strips provided. Alkalinity should be between 80-100 ppm |
| ADJUST DOWN | As needed | Test & adjust pH. Use Chlorine test strips provided. pH should be between 7.2 - 7.6 |
| ADJUST UP | As needed | Test & adjust pH. Use Bromine test strips provided. pH should be between 7.2 - 7.6 |
| *Available Oxidizer | After each use | **Oxidize organics by adding 1 cap of oxidizer directly to the water with pumps running. Heavy bather loads, 3 or more will require an additional cap Leave cover open for 20 mins. Close when complete |
| ULTRA SPA | Weekly | Add 20 gm/1000 L directly to water with the pumps running |
| BOOST | Weekly To be used if chlorine extremely low | **Add 1 cap directly into the water with pumps running. Leave cover open for 30 mins. Close when complete DO NOT ENTER SPA for a minimum 8 hours after adding BOOST. Retest water to ensure chlorine levels have returned to safe levels |
| FILTER(S) & ZORBIE | Based on usage | Ideally filters & Zorbie should last for 3-4 months. This will vary based on usage, bather loads and additional factors. DO NOT RINSE OR RING OUT FILTER(S) & ZORBIE |

Cool stuff my Arctic Spa can do

Access all your spas features using OnSpa®. OnSpa® allows you to monitor and control your hot tub from anywhere in the world using the Arctic Spa App on your phone or via the myarcticspa.com web portal.



Your spa isn't connected to OnSpa®, no problem. All of your spa's important information is accessible right through your topside control.

SpaBoy® Settings (If option is installed)

- Press and hold Pump 1 button. Let go when you see INFO
- Using the Pump 2 button press and release to scroll through settings until you reach sB (SpaBoy®)
- Using the SDS button, press and release to scroll through settings until you reach **o.xxx**(orp) , pressing SDS again to reach **P.xxx**(Ph)

Filtration Settings

- Press and hold the **Settings** button until **SETT** appears on the display.
- Let go of the button briefly. Press the **Settings** button again until **FD** appears.
- Adjust the FD (Filter Duration) using the **Up** and **Down** arrows
- Press the **Settings** button again until **FF** appears.
- Adjust the FF (Filter Frequency) using the **Up** and **Down** arrows
- Keep pressing the **Settings** button until the firmware number scrolls across the screen