

Start Up Procedures

Sundance 680 Series

- 1) Fill the spa to the pillows.
- 2) Turn the breaker on and **WALK AWAY for 4-6 hours**
Let the spa do it's thing.
Pumps will come on and off and the front panel indicator light may be **RED**
Screen will show error codes ICE, COOL etc. – Don't worry, this is what it's supposed to do.
- 3) **After 4-6 hours** you can program the spa. These are the important settings.
 - a. Set **HEAT & FILTER** to **AUTO** (Factory default is AUTO)
 - b. Filtration (Factory default is 4 hours each)
 - i. If your water is not staying clean, you can increase the filtration to more hours
(There are other settings like Time, Date, Language and Units too)
- 4) Turn the jets on and slowly add the entire bottle of **Ph Balance Plus**
YES – The whole bottle. Locks in pH & TA so you don't test or adjust
- 5) Insert the @EASE FROG Sanitizers - Set the **Blue** dial to **7** and **Sliver** dial to **3** and place them in the holder above the filter. (You can set it higher for heavy use)



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10.7 Programming the Filtration Cycles

The filtration cycles and CLEARRAY unit are important to ensure healthy water conditions. You can program up to 2 filter cycles.

Note: Make sure to set the time so the cycles can run as programmed.



This shows you exactly how to increase each Filtration Cycles, if needed.

A. Filter Cycle 1

Filter cycle 1 has a default start time for 8:00 PM for 4 hours. To change the setting follow the steps below.

1. From the Main Menu, press the button until you reach the Filter Cycle 1 **FLTR** Menu.
2. Press or to enter the menu. The display will show **BEGN**.
3. Press or to program the start time of the cycle. The display will show **8:00**. Press or to make adjustments. In the upper right-hand corner, an **A** or **P** will display. This indicates either AM or PM. You must round the clock to change from AM to PM.
4. Press the button to move on the minutes. Press or to program the minutes. The display will show **8:15**.
5. Press the button to program the cycle length. The display will show **RUN HRS**. Press or to enter the menu.
6. Press or to program the hour(s) duration of the cycle. The display will show **3:00**.
7. Press the button to program the minutes for the cycle. The display will show **3:30**. Press or to make adjustments.
8. Press the button. The display will show, **"F1 ENDS 11:45."** The system calculates the end time base of the hours programmed.
9. Press or to accept the changes and return to the Main Menu.

B. Filter Cycle 2

Filter cycle 2 has a default start time for 8:00 AM for 4 hours. To change the setting follow the steps below.

1. From the Main Menu, press the button until you reach the Filter Cycle 2 **FLTR** Menu.
2. Press or to enter the menu. The display will show **ON**. Pressing or will toggle between **"OFF"** and **"ON."** If you select **OFF**, you will exit the menu. If you select **ON**, the display will show **BEGN** and you will proceed to the programming instructions.
3. Press or to program the start time of the cycle. The display will show **8:00**. Press or to make adjustments. In the upper right-hand corner, an **A** or **P** will display. This indicates either AM or PM. You must round the clock to change from AM to PM.
4. Press the button to move on the minutes. Press or to program the minutes. The display will show **8:15**.
5. Press the button to program the cycle length. The display will show **RUN HRS**. Press or to enter the menu.
6. Press or to program the hour(s) duration of the cycle. The display will show **3:00**.
7. Press the button to program the minutes for the cycle. The display will show **3:30**. Press or to make adjustments.
8. Press the button. The display will show, **"F2 ENDS 11:45."** The system calculates the end time base of the hours programmed. Press or to set the changes.
9. Press the button to program the cycle and accept the changes. If the Menu button is not pressed, within a couple of seconds the panel will revert to the Main Menu without saving the changes.

Maintenance Timing

Twice a month	½ cap of Enhanced Shock (You can use it immediately – No need to wait to get in)
Monthly	Replace Silver Cartridge
4 months	Replace Blue Cartridge
4-6 months	Replace Inner Core (We gave you a new one)
6 months	Drain and Clean
Yearly	Replace Clear Ray bulb (It's easy. Replacement bulbs are always in stock)
2 years	Replace the outer pleated filter

Your spa has programable timers as reminders for the following:

Replace inner core filter

Replace outer pleated filter

Change water

Replace Clear Ray Bulb

These are just timers that you control. You can set them to remind you, or you can turn them off.

Remember they are like an alarm clock. They don't know that you changed the water. Reset them after they alert you or they will continue to.

First questions you will have

(There's no questions you shouldn't ask)

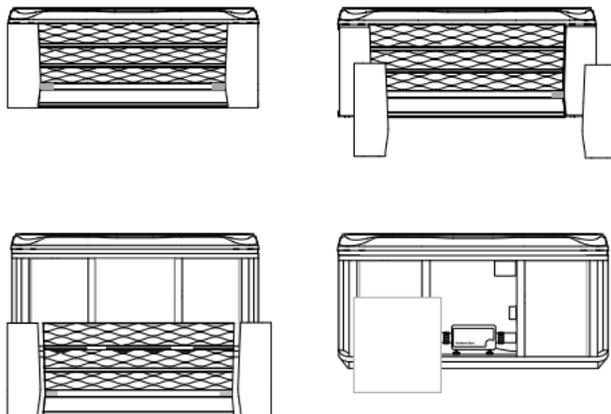
How do you access equipment area?

(Please READ CAREFULLY to avoid damages to cabinets)

- Remove corner panels BEFORE removing side panels
- To remove **Corner Panel**, pull from top until clips unlatch. Then pull straight up to remove
- To remove **Side Panels**, start at one side, pull from top until clips unlatch. Work your way across the top, making sure all clips are unlatched. THEN lift the whole panel straight up to remove.
- You will need to **Remove Lights** from side panel in order to move it out of your way. Unscrew 1 single screw from the inside of each light (There are 2, one on each side of the front side panel)

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Figure 1



Some of the jets don't work

- 1) Make sure both pumps are on
- 2) Turn the outside ring of the jet to adjust the flow. You can adjust the flow on almost all the jets except the therapy seat. Some of the jets could be in the off position.

Water Quality

Cloudy

First – Have you replaced your Clear Ray bulb within the last year?
Have you replaced your Silver cartridge within the last month?
Have you replaced the Blue cartridge within the last 4 months?

If So: Increase filter times
Add ½ Cap of Enhanced Shock daily until clear (Probably 2 days)

Foam

Foam is mainly caused by laundry detergent in swimsuits. We sell **defoamer** that you can squirt into the tub. It creates a scum line you can wipe off and you may need to repeat its use.

How do I replace the Clear Ray Bulb?

- 1) Shut off the breaker!!
- 2) Locate the Clear Ray System in the equipment area. Close to the center control box.
- 3) Remove the 4 screws and take off the front cover.
- 4) Unplug the bulb and pull it straight out. **DON'T TILT IT. YOU MAY BREAK THE CRYSTAL**
- 5) Insert the new bulb and connect the plug.
- 6) Attach the cover with the 4 screws
- 7) **RESET** the Clear Ray timer to "365"



NOTE - Instruction say to remove the inner crystal tube – **Please don't 50% of our customers break it.**

Most Common Error

FLOW ERROR Heater is disabled. 99% of the time this is a clogged filter. Usually the inner core.

Turn off the spa. Remove the filter. Turn the spa on and wait 5 minutes. If the FLOW ERROR went away, then replace your (donut looking) filter.

Drain & Clean (Every 6 months) Here's what I do but you can do it however you like

Hook garden hose to the drain hose in the corner of spa



While it's draining, clean the top of the shell down to below the water level.

(I like Lysol or Clorox spray cleaner and a Dobie Sponge)

Remove the pillows if you want to get it clean behind them.

While it's draining, use a high-pressure hose nozzle and rinse down the shell.

Blast around all the jets in case there's something growing back there.

Use the high pressure to get the dirty water out of the seats and keep spraying while the tub drains until you have clean water in the seats and footwell.

Don't worry about the sand and small debris, we'll get that later. Or you can use a shop vac and suck it out.

Hose off the filter well.

Clean the underside of the cover and hose it off. Clorox cleaner or Lysol work great to keep it fresh.

Do **Start Up Procedure** 1,2,4 & 5 and you're ready to go. (Top of pg 1)

Now let's get the sand out. When the spa is full leave the hose submerged in the spa. Turn off the water and disconnect the hose at the hose bib and set on the ground. The water will siphon out of the tub. Use the hose end in the tub to suction out the debris. (If you are still having trouble, look up "How to start a syphon" on YouTube) Or you can buy a handy Quick Vac wand from us.

A note about chemicals and supplies

We stock only the highest quality and efficient products to reduce the use of chemicals and maintenance time for you. Having purchased your spa from North Idaho Spas entitles you to 10% off all chemical purchases.

With that discount we beat internet prices on almost every item we sell.