



What do you do when your hot tub overheats in summer?

Well, first we want you to know this is a common industry issue, especially during the hot, humid summer months. So, to know how to fix it let's look at some of the common causes of hot tub overheating.

A simple cause of hot tub overheating is the hot tub's temperature may be set too high. Try setting your hot tub temperature to 98°F and see if this helps. Be aware that your hot tub may still register a few degrees higher than your setting due to the warmer, ambient outdoor temperature.

Another common cause of summertime overheating is the filter cycle duration settings may be set too high. Nordic Hot Tubs are set to filter twice a day, once every 12 hours. Ex: F3 runs your pump for 3 hours every 12 hours. When the pump runs, it generates heat. This heat transfers into the tub water, increasing the temperature. So, if the hot tub is set to filter too many hours per day, it can cause overheating. Adjust your filter cycle duration cycle down and set it to run early AM and late PM, when the outside temperatures are coolest.

To adjust your filter cycle duration settings for a 1 Pump System, please follow these steps:

The first preset filter cycle begins 6 minutes after the spa is energized. The second preset filter cycle begins 12 hours later. Filter duration is programmable for 1, 2, 3, 4, 5, 6, 7, or 8 hours. The default filter time is 1 hour. To program, press "Warm" then "Jets." Press "Warm or Cool" to adjust. Press "Jets" to exit programming.

To adjust your filter cycle duration settings for a 2 Pump System, please follow these steps:

The first preset filter cycle begins 6 minutes after the spa is energized. The second preset filter cycle begins 12 hours later. Filter duration is programmable for 2, 4, 6, or 8 hours or for continuous filtration (indicated by FILC ). The default filter time is 2 hours. To program, press "Warm" or "Cool," then "Jets 1." Press "Warm" or "Cool" to adjust. Press "Jets 1" to exit programming. Low-speed pump 1 and the ozone generator (if installed) run during filtration.

In addition to adjusting your filtration duration cycles, turn your air controls to the open position. The air is pulled from inside the cabinet and will help circulate cooler air into the cabinet.

A third common reason your hot tub is overheating may be due to the weather and sun exposure. When the ambient temperature is hot and muggy, or if your hot tub is in a sunny area with little shade, it is more difficult for your hot tub to dissipate heat. To help your hot tub cool down, drain a little of the hot water, add clean, fresh water to reduce the water temperature. If you drain some water from your hot tub, be VERY careful to keep the water level above the filter housing. You don't want to run the risk of running the pump dry!

If you have our Nordic Wrap™ installed, it has a reflective side to help retain heat inside the cabinet cavity. Try rolling up the Nordic Wrap™ on the access panel side only. This will allow some of the heat to dissipate.

If you have tried the solutions listed and your hot tub continues to overheat, please call your dealer and schedule a service appointment.

A Quick Reference of steps to take to reduce the temperature of your hot tub:

1. Set your hot tub temperature to a lower setting, such as 98°.
2. Change your filter cycle duration settings.
3. Turn your air controls to the open position to help circulate the water during filtration.
4. Drain some of the hot tub water and add clean, fresh, cold water.
5. Roll the Nordic Wrap up behind the access panel to allow heat to dissipate through the panel wall.
6. If tub continues to overheat call your local dealer and schedule a service appointment.