NOVITEK®

MADE IN FINLAND

OUTDOOR HOT TUB INSTALLATION- AND OPERATION MANUAL

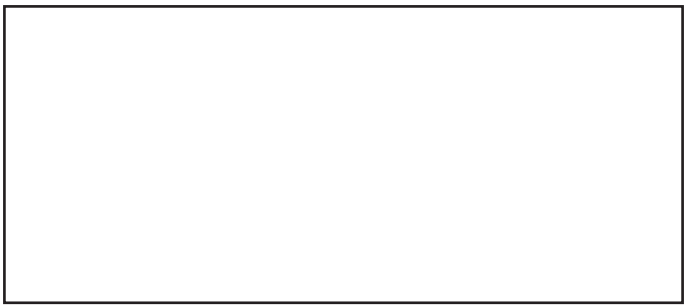
ST2T, TP700, TP500

EXCLUSIVE
SELECT BASIC / PREMIUM
STANDARD

EXCLUSIVE
- KIILO
- MALLA
- YLLÄS
- LEVI
- PALLAS

SELECT PREMIUM
SELECT BASIC
- HALTI
- OLOS
- SALLA

STANDARD
- LUOSTO
- RUKA
- HELMI
- ROPI



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The manufacturer or vendor do not account for improper installation, changes made, misuse or insufficient maintenance of the outdoor hot tub. Changes cover any system that may cause error to a component or unit, or cause activity that is unsafe. Misuse and insufficient maintenance cover any use of the outdoor hot tub that is not stated in this user manual, or failing to use the outdoor hot tub for its intended purpose, especially use of the hot tub incoherent of housing, damage that is caused by using water temperatures outside of the set guidelines, damage that is caused by an unclean, clogged or calcified fibre filter, damage of the coating of the hot tub which is caused by the use of acidic or otherwise unfit cleaning solutions, damage that is caused to the components or coating of the hot tub by incorrect maintenance of the chemical state of the water, as well as damage that is caused by failing to cover the drained outdoor hot tub from direct sunlight. The supplier or vendor do not cover for any potential loss of use.

These instructions contain important information on the installation, operation, and servicing of the pool. Please read through the instructions carefully before installing and starting up a new pool. Keep the instructions for future reference.

Ensure that the delivery contains the following products:

- Outdoor hot tub
- Insulation cover
- Fibre filter

The manufacturer retains the right to change the product's assembly or structure without separate notice and without any obligation arising from this.

SAFETY GUIDE

PLEASE NOTE! Read the safety guide with care and follow these instructions!

- Children may not use the pool without adult supervision.
- When using the pool with small children, check the suitability of the water temperature.
- Do not let children climb onto the insulation cover of the pool.
- Diving is not allowed in the pool.
- Keep the pool cover closed and locked when the pool is not in use.
- Do not keep the machine unit exposed.
- Do not remove or plug the suction drains or use the pool without the drains or if the drains are broken.
- Do not bring electrical devices closer than 2.5 meters from the pool. Neglecting to keep a safe distance increases the risk of electric shock and may cause a serious injury or even death.
- The surface of the pool may be very slippery. Be careful when entering and exiting the pool.
- Keep loose items of clothing and jewellery away from the rotating jets and other moving parts.
- The use of intoxicating substances, alcohol and medications before or during the use of the pool may induce drowning. The use of the pool should always be consulted with the doctor prescribing the medications. The use of the pool under the influence of abovementioned substances is at your own risk.
- If you have an artificial joint replacement or pacemaker, consult the use of the pool with a doctor.
- Use of the pool during pregnancy must always be consulted with a doctor.
- We recommend that a continuous bathing session be no longer than 30 minutes in length, after which you should cool down for 5–10 minutes.
- Ensure adequate hydration during the bathing experience.
- Water over 40°C warm may be harmful for your health.

INSTALLATION AND STARTUP

The pool should be lifted off the pallet onto its final site turned to its side or turning it horizontally. Cargo straps can be used as a help, for example. The pool should not be slid across the ground, therefore make sure to have enough helpers on hand. The pool can be lifted onto its final site with a loading crane as well.

PLEASE NOTE! Check the condition of the delivery package when the pool arrives at your yard. If any potential transportation damage is present, a damage report must be filed immediately with the carrier as well as the retailer.

INSTALLATION SITE

The pool can be installed directly onto the ground, on a terrace, sunken into a terrace, on a balcony – or indoors as well. The requirements are that the surface is flat, structurally uniform and free of frost heaving, and withstands the weight of the pool unaltered (2 000 – 3 000 kg). Faulty installation may lead to structural damage of the product. The manufacturer does not account for potential damage caused by incorrect installation of the pool.

There must be no less than 50 cm of space around the outdoor spa pool for any required servicing measures. It must be possible to open the service hatches located on each side of the pool without impediment.

INSTALLATION DIRECTLY ON THE GROUND

The foundation for the pool must be even, structurally uniform and free of frost heaving. The foundation can be laid with concrete, paving stones, bricks, gravel or wood. Depending on the model of the pool, the base must be able to withstand a weight of 2 000 – 3 000 kg, without subsiding or transforming. The pool comes equipped with an insulating base. Therefore, the foundation does not require separate insulation. For the base, we recommend using concrete slabs of a minimum thickness of 10 cm.

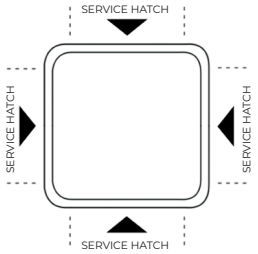
INSTALLATION ON A TERRACE

When installing the pool on a terrace, the requirements are the same as when installing directly on the ground. The base must be uniform and completely even, in addition to this, make sure the terrace is able to withstand a weight of 2 000 – 3 000 kg, depending on the model of the pool.

INSTALLATION SUNKEN INTO A TERRACE

When installing the pool sunken into a terrace, the requirements are the same as when installing directly on the ground. If the pool is sunken into a terrace, separate maintenance hatches must be made to each side of the pool. The maintenance hatches must be made so that the side panels of the pool can be opened, and that there is enough space to work around the pool, when required.

If the pool comes equipped with sink panelling factory-installed, a separate service hatch does not need to be made. The sinking depth can be maximum 40 cm from the bottom of the pool to the surface of the terrace.



INSTALLATION INDOORS

When installing the pool indoors, appropriate drainage as well as wet space regulations required by law, must be ensured. The floor beneath the pool must be even, and the structure of the house must be able to withstand a weight of 2 000 – 3 000 kg, depending on the model of the pool. The manufacturer does not account for potential damage caused by incorrect installation of the pool.

STARTUP

PLEASE NOTE! Do not connect power to the pool until it is filled with water!

1. Turn the jets clockwise, until they are open.
2. Before using the pool, check that all the threaded connections of the pumps are firmly secured. The threaded connections may come loose during transportation.
3. Fill the pool with water through the filtration opening (with a garden hose, for example) up until the LED-lights, so that air locks are not formed in the piping. See the instructions for filling the pool.
4. Only turn on power to the pool once it is filled up.
5. After power is turned on, the pool display will show setup data, after this the text **Priming Mode** shows at the bottom of the screen. This initialization will last 4–5 minutes.
6. If the error message **The water flow is low**, shows on the display within the first few minutes, it indicates that there is air in the pump. In this case, see the instructions for clearing an air lock.
7. Turn on the pumps and check that water is coming out of all jets.

ELECTRICAL INSTALLATION

The electrical installation may only be carried out by a licensed electrician.
The pool is hooked up to an electrical connection according to the table below. The electrical connection must be protected with a ground fault circuit interrupter. The electric supply can be drilled through any corner of the pool's siding or a moving strap groove in the pool base. The side behind which the control panel is located is marked on the pool.

PLEASE NOTE! The wires must be stripped to a length of approx. 20 mm, and the earth connection must be completed appropriately. The electrical wiring instructions are marked on the inside of the control panel next to the terminal block.

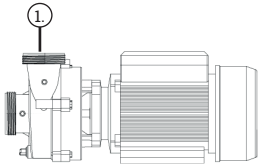
ELECTRICAL CONNECTION

3 X 16 A, 400V	1 X 16 A, 230V
EXCLUSIVE	STANDARD
SELECT	

1. Make sure that the pool is filled with water up until the LED-lights.
2. Open the service hatch to access the control panel.
3. Connect the power cable to the control panel.
4. Close the service hatch.

INSTRUCTIONS FOR CLEARING AN AIR LOCK

An air lock causes the jets to malfunction. An air lock is often caused by filling the pool too quickly, which results in air being trapped in the piping. This prevents the pump from prefilling and the water from circulating properly.



1. Open the service hatch and turn the threaded connection on top of the pump slightly open.
2. When water starts coming out, tighten the connection and turn on the pump. The pump will pump for a moment, after which the water will start to flow properly.
3. Dry any spilled water and close the service hatch. Your outdoor spa pool is ready for use.

EN POOL MAINTENANCE

GENERAL

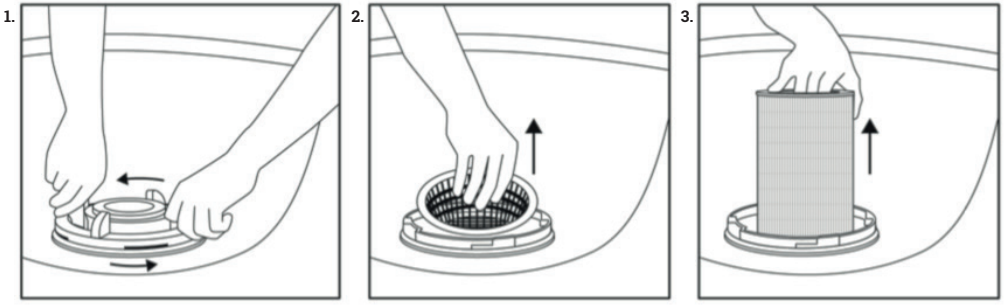
- Do not leave the pool in direct sunlight without the insulation cover. Direct sunlight may damage the pool's surface materials. When the pool is not in use, put the cover in place and lock it, regardless of whether the pool is empty or full.
- Do not roll or slide the pool on its side. This may cause damage to the siding of the pool.
- Do not attempt to open up the control panel of the pool by yourself. The control panel does not contain any parts that can be serviced by yourself.
- Empty and clean the pool regularly. Always fill the pool with clean water.
- Clean the fibre filer at minimum once per month.
- Wash yourself carefully before entering the pool.
- Sand that gets carried into the pool may clog the massage pumps
- Replace the water in the pool 2–3 times per year.

FILLING THE POOL

1. Remove the fibre filter according to the instructions below.
2. Fill the pool with water through the filter system (with a garden hose, for example), so that airlocks are not formed in the piping or in the pumps.
3. We recommend filling the pool up until the edge of the LED lights. Ensure that there is always enough water and that the jets are always submerged.
4. After filling the pool, set the fibre filter, the filter sift and the cover of the filter back to their place.
5. Turn on the power to the pool and ensure that it is in READY mode.
6. Close up the insulation cover of the pool.

EMPTYING THE POOL

1. Turn off power to the pool before emptying it.
2. The pool is emptied into the wastewater drain with a submersible pump. PLEASE NOTE! Do not use a metal submersible pump.
3. Remove the fibre filter after emptying the pool according to the instructions below.
4. Clean the inner surface thoroughly with a mild disinfectant. Use a soft and lint-free cloth or sponge.
5. After cleaning the pool, we recommend waxing the coating. The wax effectively protects the naturally shiny surface of the pool.



CLEANING THE POOL

For cleaning the pool, use a mild disinfectant, as well as a soft and lint-free cloth or sponge. After cleaning the pool, we recommend waxing the coating. The wax effectively protects the naturally shiny coating of the pool. The cabinet can be wiped with a wet cloth or sponge.

BATH PILLOWS

The bath pillows have to be removed when the pool is not in use. If the pillows discolour through the pool chemicals, they can be treated with conditioner and finished with silicone spray.

INSULATION COVER

The insulation cover is fabricated to withstand weight well, however, for instance, snow should be removed from top of the insulation cover. Do not use sharp objects for removing the excess weight, so that the leather of the insulation cover is not damaged. For cleaning the insulation cover, only use the conditioner intended for it, so that the leather of the cover stays flexible. **PLEASE NOTE! The outdoor spa pool's insulation cover is not made to withstand human weight.**

POWER OUTAGE

In the event of a power outage, **DO NOT OPEN THE INSULATON COVER!** The pool will turn back on automatically when power is restored. After a power outage, check the functions and water temperature of the pool.

Short power outages ranging from a few minutes to a few hours do not affect the functionality of the pool. The pool is well-insulated, which prevents it from freezing in this amount of time, even in freezing temperatures. It takes a power outage of longer than a few days for the pool to freeze. In the event of a longer power outage, please contact the seller or your service agent.

USE IN WINTER

The pool is designed for year-round outdoor use. If the pool is emptied for winter, the warranty does not cover potential damage caused by freezing.

The pool has an automatic frost protection, which turns on the pumps when the water temperature drops below 6,7 °C. Though the frost protection does not protect the pool during a power outage.

We recommend using a protection hood for the cover or a bigger one for the entire pool. A pool protection hood will protect the pool from wind, rain and sunlight, and make the pool longer lasting as well as more energy efficient.

EMPTYING FOR WINTER

We recommend keeping the pool in use year-round. Emptying the pool for winter may cause damage caused by freezing. If you do not intend to use the pool during winter, we recommend setting the pool into the REST state and using a pool protection hood. **PLEASE NOTE! The warranty does not cover damage caused by freezing.**

EN WATER CARE

The water of the pool is maintained in three different ways. The water stays clean and clear by means of the fibre filter, the ozonisation system and cleaning chemicals.

FIBER FILTER

The fibre filter collects small debris from the water. The fibre filter should be replaced for a new one always in conjunction with a water change. The fibre filter can get clogged up with calcium particles found in hard water, as a result of which, the water flow weakens. The operating time of the fibre filter can be lengthened, and the filtration effectiveness improved, by rinsing the fibre filter under flowing water 2 – 4 times a month. The filtration system of the pool is completely automatic.

Before switching the fibre filter, make sure that a filtration period is not in action. If needed, turn off the power to the pool, or switch the pool into the HOLD-mode. The instructions on how to remove the Fibre filter are on the previous opening.

OZONIZATION SYSTEM

The ozonisation system removes bacteria, particles and musty odour. The system is functioning, when air bubbles are rising out of the grey ozone jet.

The ozonisation system is completely maintenance free and does not cause any measures to be taken by its owner. However, to ensure adequate cleaning effectiveness, the appliance should be replaced for a new one every 3 – 4 years.

CLEANING CHEMICALS

The cleaning chemicals (chlorine) keep the water disinfected, clear and clean, as well as removes bacteria from the water. In addition to chlorine, chlorine-free active oxygen tablets or SpaBalancer water care solution can be used in the hot tub. For more precise instructions on the dosage of the cleaning chemicals, view the package of your chosen chemical product.

Chlorine works best, when the pH value of the water is 7,2 – 7,6. Keep track of the pH values of the pool regularly. The use of the pool, chlorine use and rainwater that potentially winds up in the pool lower the pH value of the water. The chemical expenditure varies depending on the municipality, since the water pH value, as well as chalice and iron concentrations fluctuate greatly.

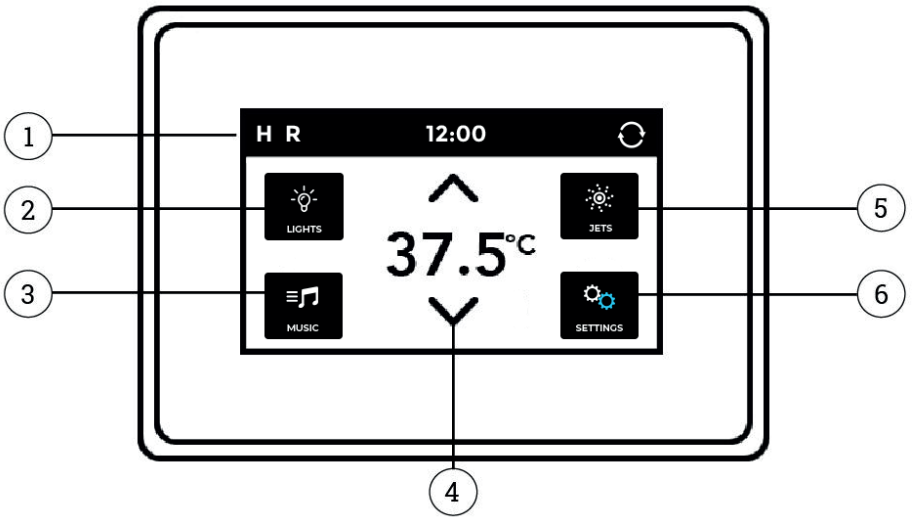
WATER CARE TROUBLESHOOTING GUIDE

Maintaining and cleaning of the pool is easy and effortless. Chlorine or another water care chemical is added every time after bathing, or at least once a week, even if the pool was not used. The fibre filter should be rinsed at least once per month and switched out or a new one with every water change. The pool should be thoroughly cleaned with a mild disinfectant, and a soft and lint-free cloth or sponge.

Showering before entering the pool is highly advisable, so that abundant solutions or grease from, for instance, deodorants, fragrances, hair shaping products or body lotions, do not get into the pool. The water of the pool stays clearer for longer as well, and the fibre filter does not have to be cleaned as often.

In the table below are the most common problems, causes as well as solutions regarding water care.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Cloudy water	• Dirty filter • The pH value is not within the recommended range • Insufficient use of cleaning chemicals • Excessive use of the same water or the water is too old	• Clean the filter • Adjust the water pH level to the recommended range • Add a cleaning chemical to the water • Replace the water in the pool
Smell of water	• The water contains too much organic matter • Insufficient use of cleaning chemicals • Water pH level too low	• Adjust the water pH level to the recommended range • Add a cleaning chemical to the water
Smell of chlorine	• Chlorine level too high • Water pH level too low	• Wait for the chlorine level to decrease • Adjust the water pH level to the recommended range
Musty smell	• Bacterial or algae growth	• Add a cleaning chemical to the water • Empty, clean and refill the pool
Organic layer	• Accumulated oil and dirt	• Wipe the dirt away with a clean sponge
Algae growth	• Water pH level too high	• Adjust the water pH level to the recommended range • Add a cleaning chemical to the water
Irritated skin	• Unhygienic water • Free chlorine levels over 5 mg/l	• Add a cleaning chemical to the water • Wait that free chlorine levels drop
Patches on the pool surface	• Total alkalinity of water too low • Water pH level too low	• Adjust the water pH level to the recommended range • Adjust the total alkalinity to the correct value
Calcification	• Too much calcium in the water • Total alkalinity of water too low • Water pH level too low	• Adjust the water pH level to the recommended range • Empty, clean and refill the pool



1. Status bar **2**. LED lights **3**. Music (accessory) **4**. Water temperature **5**. Jets **6**. Settings

MAIN VIEW

The main view shows the most important settings and messages of the pool. The water temperature is shown in the middle of the display. The status bar at the top shows the symbols regarding the function modes of the pool. **PLEASE NOTE!** The screen automatically goes into sleep mode when it is not used for 30 minutes. The screen starts up again by touching any part of the screen.

SYMBOLS

- **H** = Highest temperature setting
- **L** = Lowest temperature setting
- **R** = Ready mode
- **Rz** = Rest mode
- **O3** = Ozonisation running
- **F1** = Filtration period 1 running
- **F2** = Filtration period 2 running
- = Wi-Fi connected
- = Turning the display
- = Back
- = Info message
- = Reminder message
- = Error message
- = Heater running
- = Screen locked

NAVIGATION

The pool comes equipped with a touch screen, which is navigated by pressing the icons. For example, view settings by pressing the settings icon and reminder messages can be viewed by pressing the -symbol. Depending on the view, you can change settings or move to the next view of the menu with the arrow brackets. **PLEASE NOTE!** The look of the screen interface may differ from the instructions.

SETTING THE TIME

The time must be set immediately after the pool's installation, as the correct time is important for the functionality of the filtration cycles. If the time has not been set, there will be a message showing **Set Time**. The time is set by choosing **Time** in the **Settings** menu. **Time**. When in the Time view, first press hours or minutes, after this you can modify the time with the arrow brackets. Save the time by pressing the **Select** symbol.

SETTING THE TEMPERATURE

The pool temperature is factory set to 38 °C. The water temperature is set in the main view by pressing the up ^ or down v bracket, then the set temperature text changes colour and °C starts to blink. The set temperature is saved automatically.

JET PUMPS

The pool has three massage pumps. The pumps turn on by pressing **Jets** in the menu, after this you can start up the pump of your choosing by pressing the **Jets 1**-, **Jets 2**- or **Jets 3** -icons. The massaging speed turns off automatically after 15 minutes or you can turn them off by pressing again the **Jets 1**-, **Jets 2**- or **Jets 3**-icon.

If the filtration pump is running, the **JETS**-icon is shown in colour. The filtration pump turns on automatically and cannot be turned off manually.

PLEASE NOTE! If the pool is in READY mode, the filtration speed turns on automatically when the pool checks the water temperature.

AIR ADJUSTERS

The massage intensity can be adjusted for each seat individually, with controllers on the side of the pool. The massage intensity increases when turning the controller counter clockwise, and likewise decreases when turning it clockwise.

LED LIGHTS

The LED lights of the pool turn on by pressing the **LIGHT** icon in the main view. To turn off the lights, press the LIGHT icon again. The pool's LED lights have different colors and light modes. To change the light mode, turn off the LED lights and immediately turn them back on. The LED lights turn off automatically four hours after being turned on.

KEYLOCK

The screen of the pool is locked by choosing the **Lock** icon in the **Settings** menu. In the **Lock**-view you can either choose to lock the whole screen **Panel**, or to only lock the **Settings**. By only locking the settings, you can normally use all the basic functions of the pool.

The keyboard is locked and opened by pressing the **Panel** or **Settings** icon once, in the **Lock** view, then the text **"Lock Panel"** or **"Lock setting"** appears on screen, depending which one you are locking. After this, press the text "**LOCK**"on the status bar for five seconds continuously. The icon changes into **LOCKED** mode and when opening into **UNLOCKED** mode.

LANGUAGE

The display language can be changed by choosing **Language** in the **Settings** menu. Choose your desired language and save the choice by pressing the **Select** symbol.

MODES

In order to keep the pool water warm, the pump circulates the water through heaters.
In the **READY** mode, the pool maintains the set temperature and heats up the water as necessary. In the **REST** mode, the pool heats up the water only during set filtration cycles. In the **REST** mode, the pool display may not necessarily show the pool temperature. The temperature will appear by starting up **Jets 1** and by returning to the main view.

The mode can be switched by choosing the **Heat** icon in the **Settings** menu. The **Ready** and **Rest** modes can be switched by pressing the **HEAT MODE** bar, the **Ready/Rest** modes change. To return to the main view, press the back symbol ❮. The chosen mode symbol, **R** = **READY** and **R_Z** = **REST**, are shown in the main view at the left side of the status bar.

SERVICE MODE

The service mode **(HOLD)** can be used to stop the pump when carrying out small-scale servicing work, for example. The service mode is activated by choosing **Hold** in the **Settings** menu. The service mode runs for 60 minutes by default, but it can be interrupted manually by pressing the back symbol ❮.

LOWER AND UPPER TEMPERATURE RANGES

The pool has two different settings for temperature ranges. You can set a separate temperature for each of them. In the upper temperature setting (**High**) the temperature can be set between 26,5 °C and 40 °C. This setting is best suited for use when you want to keep the pool always ready for use. In the lower temperature setting (**Low**) the temperature can be set between 10 °C and 37 °C. The lower temperature range is best suited for use when the pool is not used for an extended period of time and you do not want to maintain a high temperature.

The temperature range setting is changed by selecting the **Heat** icon in the **Settings** menu.
The **High** and **Low** settings are selected by pressing the **TEMP RANGE** bar, then the **High/Low** mode changes. To return to the main view, press the back symbol ❮. The selected temperature range symbol, **H**= **HIGH** and **L** = **LOW**, are shown in the main view at the left side of the status bar.

FILTRATION CYCLES

Filtration cycle 1 is factory set to run from 8:00 pm to 10:00 pm. The starting point and duration of the filtration cycle can be changed by selecting **Filter** in the **Settings** menu. When in the Filter view, first press the time and then modify it with the arrow keys. Save the changes by pressing the **Select**-symbol ✔.

Filtration cycle ❷ is factory set to run from 8:00 am to 10:00 am. You can change the second filtration cycle's start time and duration in the same way as the first filtration cycle. Save the changes by pressing the **Select**-symbol ✔.

In normal use, we recommend setting two 2-hour filtration cycles per day. In this case, the interval between the start times of the filtration cycles must be 12 hours. For example, the filtration cycles can be set the factory set periods 8:00–10:00 pm and 8:00–10:00 am. **PLEASE NOTE! If you use the pool more frequently than three times per week, the length of the filtration cycles must be increased.**

CLEANING CYCLE

The pool has an automatic preset cleaning cycle. The cleaning cycle starts when the pump has been turned off for at least 30 minutes. You can find the cleaning cycle settings in the **Settings** menu, by pressing the **Cleanup** symbol.

M8 – EFFICIENT SMARTNESS

Energy consumption is minimized with the new M8 feature. The M8 feature automatically determines the activation of the jets, according to the conditions and ambient temperature.
You can find the M8 setting **(On/Off)** in the **Settings** menu by pressing the **M8** symbol.

TURNING THE DISPLAY

The screen view of the pool can be turned for ease of use in the inside and outside of the pool. The screen view turns by pressing **Turning the display** symbol at the right side of the status bar.

TIMED MESSAGES

From time to time there will appear symbol at the bottom of the screen, which indicates a timed reminder message. Reminder messages are possible to turn off, by choosing **Reminders** in the **Settings** menu. The setting is changed by pressing the **REMINDERS** bar **(Yes/No)**. The most common messages and their meaning are shown in the table below.

MESSAGE	MEANING
Check the pH	Check the pH of the water and adjust the chemicals if necessary.
Check the sanitizer	Check the amount of chloride and add if necessary.
Clean the filter	Clean the filter.
Test the GFCI	Check that the ground fault circuit interrupter is functional.
Change the water	Replace the water in the outdoor spa pool.
Clean the cover	Clean the insulation cover.
Change the filter	Change the filter

UNITS

The temperature and time format can be changed by selecting **Units** in the **Settings** menu.
The temperature unit is changed by pressing the **TEMP DISPLAY** bar (**°C/°F),** and the time format by pressing the **TIME DISPLAY** bar (**24 HR/12 HR**). To return to the main view, press the back symbol .

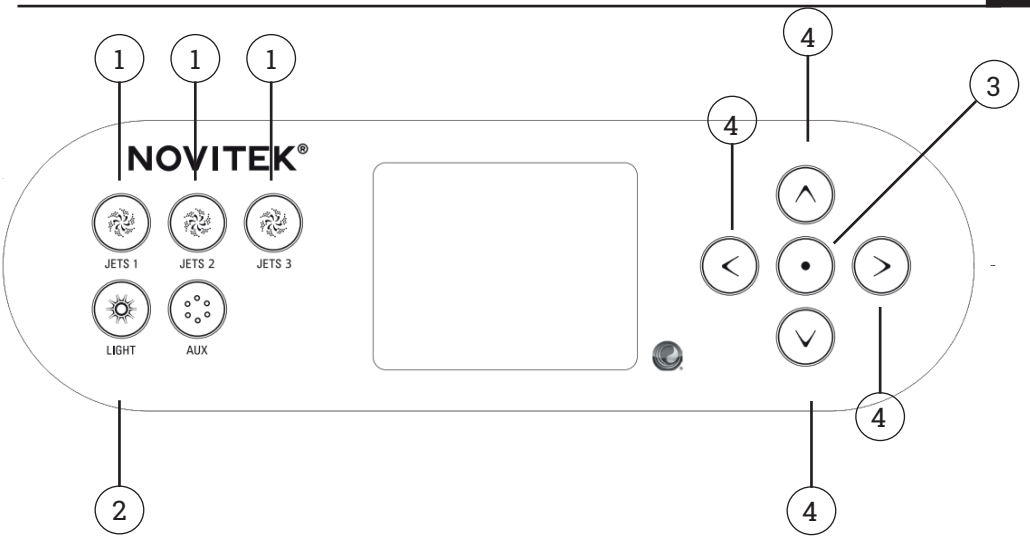
TECHNICAL SETTINGS

To go to the technical settings, select **Utilities** in the **Settings** menu. In the technical settings you can modify the screen time-out settings **Panel** as well as see the log information of the last 24 error codes **Faults**.

ERROR CODES

The symbol of the error codes ⚠ is shown at the bottom left side of the screen. The table below shows the most common error codes, their meanings and the required measures. Always take the required measures and contact your distributor or service agent if necessary.

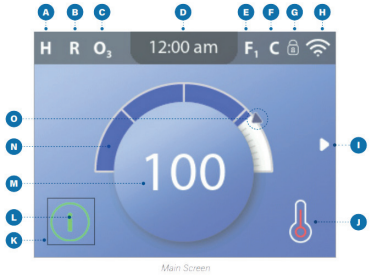
CODE	MEANING	REQUIRED MEASURE
DARK SCREEN	The pool is not receiving power.	Turn on power to the pool / check the connection.
Possible freezing condition	The pool may have frozen	The pumps will turn on automatically, regardless of the pool's mode. Contact your service agent.
Water is too hot	OVERTEMPERATURE – One of the temperature sensors has detected a temperature of 43.3 °C or higher.	DO NOT ENTER THE WATER! The pool will turn off and turn on again once the water temperature has decreased to 41.7 °C. Remove the pool cover to cool the water.
The water flow is low	Notable difference in temperatures measured by sensors A and B. Indicates a problem with the water flow.	Check that there is enough water, fill if necessary. Clean the filter and check that the pumps work. If the problem continues, contact your service agent.
The water flow has failed	Continuous problems with the water flow. The heater will turn off if this code appears five times in a day.	Check that the filter is clean. Turn the heater on again by pressing any icon. If the problem continues, contact your service agent.
The heater may be dry	The water flow in the heater is low, or there is air in the heater.	Turn the pool off for 15 minutes. Check that there is enough water and fill if necessary. If necessary, remove air according to the instructions for clearing an airlock. Return the pool to the normal mode by pressing any icon. If the problem continues, contact your service agent.
The heater is dry	Not enough water in the heater. The pool will turn itself off.	Check that there is enough water, fill if necessary. Clean the filter and check that the pumps work. If the problem continues, contact your service agent.
The heater is too hot	OVERTEMPERATURE – One of the temperature sensors has detected a temperature of 47.8 °C or higher.	DO NOT ENTER THE WATER! Remove the pool cover to allow the water to cool. After the water has cooled down, reset the system by pressing any icon.
Sensors are out of sync	Temperature sensors out of balance.	The phenomenon may be temporary. If the problem continues, contact your service agent.
Sensors are out of sync -- Call for service--	The temperature sensors have been out of balance for at least an hour.	Contact your service agent.
Sensor A fault, Sensor B fault	Temperature sensor A or B does not work. The pool has turned off.	May occur momentarily when the temperature rises too high. The message will disappear once the temperature decreases. If the problem continues, contact your service agent.
A pump may be stuck on	The pump will not turn off.	DO NOT ENTER THE WATER! The water may have overheated. Turn off power to the pool and contact your service agent.



1. Pumps ON/OFF 2. LED-lights ON/OFF 3. Selection key 4. Navigator key

MAIN VIEW

The main view shows current settings and messages of the pool. The water temperature is shown at the center of the screen, and the set temperature above that. The current set function mode is shown at the upper left corner of the screen. Settings of the pool can by changed from the menu at the right side of the screen. The symbol in the right bottom of the screen shows if the pump or heating are turned on. **PLEASE NOTE! The screen turns off automatically after 30 minutes of not being in use. Start the screen up again by pressing any button.**



A=TEMPERATURERANGE(High/Low)
B = HEAT MODE (Ready/Rest)
C = OZONE RUNNING
D = TIME-OF-DAY
E = FILTER CYCLES
F = FILTER CYCLES
G = PANEL/SETTINGS LOCKED
H = WIFI (Local or Cloud Connection)
I = NAVIGATION ARROW
J = HEAT STATUS
K = SELECTION BOX
L = MESSAGE (May Appear)
M = WATER TEMPERATURE
N = WATER TEMPERATURE BAR
O = SET TEMPERATURE ARROW

High: **H** Ready: **R**
Low: **L** Rest:

Information
Reminder
Error - Normal Error or Warning
Error - Spa will not function until fixed

NAVIGATION

The menu of the pool is navigated with the **arrow brackets at the right side** of the screen ④. The active function is selected by pressing **selection key** ③. You go back to the main view, by navigating on the Back symbol and pressing the **selection key** ③.

SETTING THE TIME

The time must be set immediately after the pool's installation, as the correct time is important for the functionality of the filtration cycles. If the time has not been set, there will be a message showing Set Time. The time is set by choosing Time of Day in the Settings menu. Navigate up or down to change the hours, minutes and the 12h/24h option. The time can be adjusted up or down with the arrow keys. Save the setting by navigating onto the Save symbol and pressing the **select key** ③.

SETTING THE TEMPERATURE

The pool temperature is factory set to 38 °C. The water temperature is set in the main view by first pressing the arrow key up or down. The temperature setting is adjusted with the left or right arrow keys. Save the changes by pressing the **select key** ③.

JET PUMPS

The pool has three jet pumps, of which JETS 1 is a dual-speed pump. JETS 1 pump starts either at filtration or massaging speed, depending on the pool mode. If the pump starts at filtration speed, you can turn on massaging speed by pressing the JETS 1 button again. The massaging speed turns off automatically after 15 minutes and the filtration speed after 30 minutes, or you can turn them off by pressing the JETS button. The other pumps of the pool always start up at massaging speed.

PLEASE NOTE! If the pool is in READY mode, the filtration speed turns on automatically when the pool checks the water temperature every 30 minutes. If the filtration speed has turned on automatically, it cannot be turned off, but you can turn on massaging speed by pressing the JETS 1 button.

AIR CONTROLS

The massage intensity can be adjusted for each seat individually, with controllers on the side of the pool. The massage intensity increases when turning the controller counterclockwise, and likewise decreases when turning it clockwise.

LED LIGHTS

The pool's LED lights can be turned on by pressing the **LIGHT** button ②. To turn off the lights, press the **LIGHT** button ② again. The pool's LED lights have different colours and light modes. To change the light mode, turn off the LED lights and immediately turn them back on. The LED lights turn off automatically four hours after being turned on.

KEYLOCK

The control panel of the pool is locked by selecting Lock in the Settings menu. In the Lock view, you can choose between locking the entire key panel (**Panel**) or only the settings (**Settings**) with the up and down keys. By only locking the settings, the lights and jets of the pool can be used normally. You can lock and unlock the panel in the menu by pressing the right arrow key on the wanted locking option.

MODES

In order to keep the pool water warm, the pump circulates the water through the heater. In the **READY** mode, the pool maintains the set temperature and heats up the water as necessary. In the **REST** mode, the pool heats up the water only during set filtration cycles. In the **REST** mode the pool temperature is not necessarily shown, because the pump has not circulated water through the heater. The temperature appears by pressing the **JETS 1** button and waiting a moment.

The modes can be switched by choosing Heat Mode in the Settings menu. Choose between the **READY** and **REST** modes by pressing the right arrow key. The chosen mode is shown in the main view at the top left side. If the **JETS 1** button is pressed, the text RR appears on screens top left side, when the **REST** mode is chosen. After turning the pump off, it runs at a filtration speed of 60 minutes, after which the pool returns to the **REST** mode.

SERVICE MODE

The service mode (**HOLD**) can be used to stop the pump when carrying out small-scale servicing work, for example when exchanging the fiber filter. The service mode lasts for 60 minutes. The service mode is activated by choosing **HOLD** in the Settings menu. The service mode can be interrupted manually, by pressing the **BACK** symbol with the select key.

LOWER AND UPPER TEMPERATURE RANGES

The pool has two different settings for temperature ranges. You can set a separate temperature for each of them. The set temperature range is shown at the upper left side of the screen.

In the upper temperature setting (**High**) the temperature can be set between 26,5 °C and 40 °C. This setting is best suited for use when you want to keep the pool always ready for use. In the lower temperature setting (**Low**) the temperature can be set between 10 °C and 37 °C. The lower temperature range is best suited for use when the pool is not used for an extended period of time and you do not want to maintain a high temperature.

The temperature range can be changed by selecting Heat in the settings menu. After this choose Temp Range. Choose between High and Low with the sideways select keys, in the **Settings menu** ③ . The selected function mode is shown in the main view at the upper left side of the screen.

FILTRATION CYCLES

The filtration cycle of the pool has been factory set to 8.00 p.m. – 10.00 p.m. The starting point and duration of the filtration cycle can be changed by selecting Filter in the Settings menu. Navigate to the set time and press the select key to set the wanted time of the filtration cycle. The starting time and duration of the filtration cycle can be modified up and down with the arrow keys. The ending time is set automatically. Save the changes by navigating on the Save symbol and pressing the **select key** ③ .

The second filter cycle can be found in the same Filter Cycles menu by navigating to the Filter cycles 2 line. The second filtration cycle is factory preset to 8:00–10:00 am. You can change the second filtration cycle's start time and duration in the same way as the first filtration cycle. Save the changes by navigating on the Save symbol and pressing the **select key** ③. In normal use, we recommend setting two 2-hour filtration cycles per day. In this case, the interval between the start times of the filtration cycles must be 12 hours. For example, the filtration cycles can be set the factory set periods 8:00–10:00 pm and 8:00–10:00 am.

PLEASE NOTE! If you use the pool more frequently than three times per week, the length of the filtration cycles must be increased.

CLEANING CYCLE

The pool has an automatic pre-set cleaning cycle. The cleaning cycle starts when the pump has been turned off for at least 30 minutes.

TURNING THE DISPLAY

The screen view of the control panel is possible to turn for ease of use in the inside and outside of the pool. The screen turns by selecting Invert in the Settings menu. Choose between the modes with the arrow keys and confirm with the **select key** ③.

ADDITIONAL SETTINGS

To view the additional settings, scroll the Settings menu. Use the arrow keys and select the wanted setting in the settings menu.

- **Reminders: Messages, such as "clean the filter" ON/OFF.**
- **Cleanup: Length of the additional filtration period after each time of use.**
- **Unit: Time: Time format 12 h/24 h.**
- **Unit: Temperature format °F/°C.**
- **Language: Control panel language.**
- **Panel: Screen and backlight time-out settings**

SYSTEM INFORMATION

This information is only needed when asked by a service person. The view the system information, select Diagnostics in the Settings menu. Use the arrow keys to navigate in the system information menu.

- **Software ID (SSID): Processor software version.**
- **System Model: Processor model.**
- **Current Setup: Number of predefined setup program.**
- **Configuration Signature: Program validation number.**
- **Heater Wattage: Heater power kW (1—3/3 —6).**
- **Heater Type: Heater type.**
- **Dip Switch Settings: Control centre dip switch settings.**
- **Panel Version: Key panel program version.**

SPA MENU

In the spa menu, you can view all the controllable devices in one glance. Within the menu, the pumps and lights and jets can be easily controlled, and the screen turned. This view is dependent on the accessories and amount of installed jets, so the view may vary with each pool. Use the arrow keys to navigate in the Spa menu. The chosen function has a black frame, and the function can be controlled with the **select key** ③ **.**

JETS 1 is a dual speed pump. In this menu you can easily check if the pump is on filtration or massage speed. The **JETS 1** symbol shows the status of the pump.

M8 – ARTIFICIAL INTELLIGENCE

M8 is artificial intelligence software contained in your spa's BP control system. M8 looks for opportunities to decrease device usage by evaluating water temperature readings. Stable water temperatures equal less device usage and less wear and tear.

You can turn the M8 setting (On/Off) in the **Settings menu under Heat**.

SHORTCUT MENU

There is no need to navigate in the shortcut menu, the pool functions can be easily controlled within one view. The jets and lights of the pool are controlled with the arrow keys, press the **Select key** ③ to get back to the main view. Like in the Spa menu, the pump status can be easily viewed in the shortcut menu.

TIMED MESSAGES

From time to time different timed reminder messages will appear at the bottom left side of the screen. Messages can be bypassed by pressing the arrow key to the right. The most common messages and their meaning are shown in the table below.

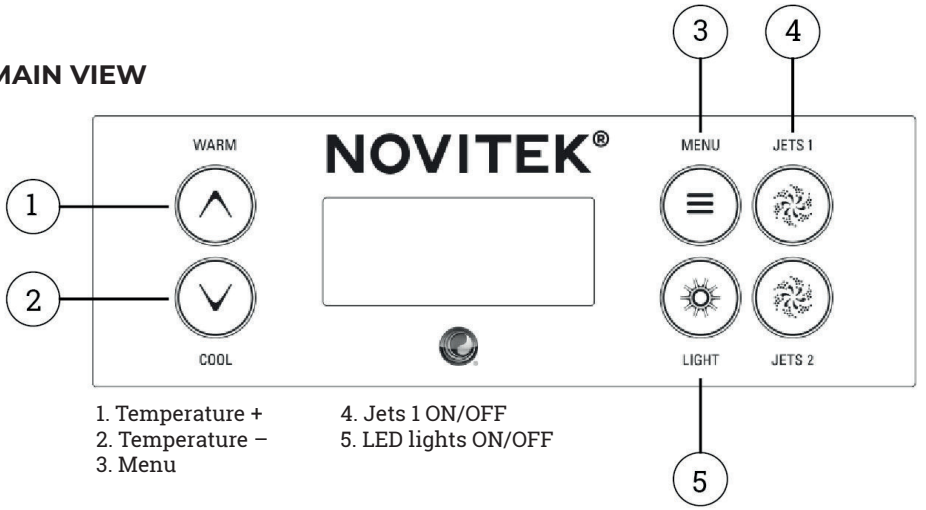
MESSAGE	MEANING
Check the pH	Check the pH of the water and adjust the chemicals if necessary.
Check the sanitizer	Check the amount of chloride and add if necessary.
Clean the filter	Clean the filter.
Test the GFCI	Check that the ground fault circuit interrupter is functional.
Change the water	Replace the water in the outdoor spa pool.
Clean the cover	Clean the insulation cover.
Change the filter	Change the filter

ERROR CODES

The error messages are shown at the left lower side. The table below shows the most common error codes, their meanings and the required measures. Always take the required measures and contact your distributor or service agent if necessary.

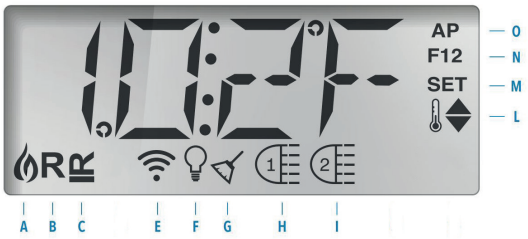
CODE	MEANING	REQUIRED MEASURE
DARK SCREEN	The pool is not receiving power.	Turn on power to the pool / check the connection.
Possible freezing condition	The pool may have frozen	The pumps will turn on automatically, regardless of the pool's mode. Contact your service agent.
Water is too hot	OVERTEMPERATURE – One of the temperature sensors has detected a temperature of 43.3 °C or higher.	DO NOT ENTER THE WATER! The pool will turn off and turn on again once the water temperature has decreased to 41.7 °C. Remove the pool cover to cool the water.
The water flow is low	Notable difference in temperatures measured by sensors A and B. Indicates a problem with the water flow.	Check that there is enough water, fill if necessary. Clean the filter and check that the pumps work. If the problem continues, contact your service agent.
The water flow has failed	Continuous problems with the water flow. The heater will turn off if this code appears five times in a day.	Check that the filter is clean. Turn the heater on again by pressing any icon. If the problem continues, contact your service agent.
The heater may be dry	The water flow in the heater is low, or there is air in the heater.	Turn the pool off for 15 minutes. Check that there is enough water and fill if necessary. If necessary, remove air according to the instructions for clearing an airlock. Return the pool to the normal mode by pressing any icon. If the problem continues, contact your service agent.
The heater is dry	Not enough water in the heater. The pool will turn itself off.	Check that there is enough water, fill if necessary. Clean the filter and check that the pumps work. If the problem continues, contact your service agent.
The heater is too hot	OVERTEMPERATURE – One of the temperature sensors has detected a temperature of 47.8 °C or higher.	DO NOT ENTER THE WATER! Remove the pool cover to allow the water to cool. After the water has cooled down, reset the system by pressing any icon.
Sensors are out of sync	Temperature sensors out of balance.	The phenomenon may be temporary. If the problem continues, contact your service agent.
Sensors are out of sync -- Call for service--	The temperature sensors have been out of balance for at least an hour.	Contact your service agent.
Sensor A fault, Sensor B fault	Temperature sensor A or B does not work. The pool has turned off.	May occur momentarily when the temperature rises too high. The message will disappear once the temperature decreases. If the problem continues, contact your service agent.
A pump may be stuck on	The pump will not turn off.	DO NOT ENTER THE WATER! The water may have overheated. Turn off power to the pool and contact your service agent.

MAIN VIEW



1. Temperature +
2. Temperature –
3. Menu
4. Jets 1 ON/OFF
5. LED lights ON/OFF

SCREEN SYMBOLS



A - HEATING
B - READY MODE
C - REST MODE
E - WIFI CONNECTED
F - LIGHTING
G - CLEANING CYCLE
H - JETS 1
I - JETS 2
L - TEMPERATURE (HIGH / LOW)
M - SETTING (PROGRAMMING)
N - FILTRATION CYCLE (1 OR 2 OR BOTH)
O - AM OR PM (TIME)

JET PUMP

The pool's pump is turned on by pressing the **JETS 1** button ④. The pump starts either at filtration or massaging speed, depending on the pool mode. If the pump starts at filtration speed, you can turn on massaging speed by pressing the **JETS 1** button ④ again. The massaging speed turns off automatically after 15 minutes and the filtration speed after 30 minutes, or you can turn them off by pressing the **JETS 1** button ④.

If the pool is in READY mode, the filtration speed turns on automatically when the pool checks the water temperature every 30 minutes. If the filtration speed has turned on automatically, it cannot be turned off, but you can turn on massaging speed by pressing the **JETS 1** button ④.

SETTING THE TEMPERATURE

The pool temperature is factory set to 37 °C. The temperature setting is adjusted with the WARM and COOL buttons ① ②. When the desired temperature is no longer blinking on the display, the pool starts heating the water to the set temperature if necessary.
PLEASE NOTE! The actual water temperature will not be shown until the pump has run for at least two minutes.

SETTING THE TIME

The time must be set immediately after the pool's installation, as the correct time is important for the functionality of the filtration cycles. To set the time, first press the **MENU** button ③ repeatedly until you see **TIME** on the display. After pressing the **WARM** button , you can set the time with the **WARM** and **COOL** buttons ① ②. Move on to the next phase by pressing the MENU button ③.
PLEASE NOTE! If the pool loses power or the power is turned off, the time must be reset.

TURNING THE DISPLAY

To turn the display, first press the **MENU** button ③ repeatedly until you see **FLIP** on the display. After this, you can turn the display with the **WARM** and **COOL** buttons ① ②.

LED LIGHTS

The pool's LED lights can be turned on by pressing the **LIGHT** button ⑤. To turn off the lights, press the **LIGHT** button ⑤ again. The pool's LED lights have different colors and light modes. To change the light mode, turn off the LED lights and immediately turn them back on. The LED lights turn off automatically four hours after being turned on.

KEYLOCK

To lock the pool's control panel, first press the **MENU** button ③ repeatedly until you see **LOCK** on the display. After this, lock either the water temperature settings **(TEMP)** by pressing the **WARM** button ① or the whole control panel **(PANL)** by pressing the **MENU** button ③ again. Change the setting (ON/OFF) by pressing the **WARM** or **COOL** button ①②. Save your choice and exit the menu by pressing the **MENU** button ③.

To open the keylock, press the **WARM** button ① while simultaneously calmly pressing the **MENU** button ③ twice.

MODES

In order to keep the pool water warm, the pump circulates the water through heaters. In the **READY** mode, the pool maintains the set temperature and heats up the water as necessary. In the **REST** mode, the pool heats up the water only during set filtration cycles. In the **REST** mode, the pool display may not necessarily show the pool temperature but the text **RUN | PUMP | FOR | TEMP | -- -- -- --**. instead.

To change the mode, first press the **MENU** button ③ repeatedly until you see **MODE** on the display. Choose the desired mode by pressing the **WARM** button ① or the **COOL** button ②. Exit the menu by pressing the **MENU** button ③.
PLEASE NOTE! The chosen mode is shown at the bottom of the display.

SERVICE MODE

The service mode **(HOLD)** can be used to stop the pump when carrying out small-scale servicing work, for example. The service mode lasts for 60 minutes. To start the service mode, first press the **MENU** button ③ repeatedly until you see **HOLD** on the display. After this, press the **WARM** button ①. The display now reads **HOLD | ING | FOR | 0:60** (the running timer shows the remaining time for which the pumps will be disabled).

LOWER AND UPPER TEMPERATURE RANGES

The pool has two different settings for temperature ranges. You can set a separate temperature for each of them. The selected temperature range is shown at the bottom of the display.

In the upper temperature setting (**RANGE▲**) the temperature can be set between 27 °C and 40 °C. This setting is best suited for use when you want to keep the pool always ready for use. In the lower temperature setting (**RANGE▼**) the temperature can be set between 10 °C and 27 °C. The lower temperature range is best suited for use when the pool is not used for an extended period of time and you do not want to maintain a high temperature.

To change the temperature setting, first press the **MENU** button ③ repeatedly until you see **TEMP** on the display. Choose the desired mode by pressing the **WARM** button ①. Save the setting and exit the menu by pressing the **MENU** button ③.
PLEASE NOTE! The selected setting is shown at the bottom of the display.

FILTRATION CYCLES

Filtration cycle **1** is factory set to run from 8:00 pm to 10:00 pm. To change the filtration cycle's start time and duration, first press the **MENU** button ③ repeatedly until you see **FLTR1** on the display. After this, press the **WARM** button ① twice and then change the start time of the filtration cycle with the **WARM** and **COOL** buttons ① ②. Move on to the next phase by pressing the MENU button ③. After setting the start time, set the duration of the filtration cycle in the same way.

Filtration cycle **2** is factory set to run from 8:00 am to 10:00 am. To change the filtration cycle's start time and duration, press the **MENU** button ③ repeatedly until you see **FLTR2** on the display. You can change the second filtration cycle's start time and duration in the same way as the first filtration cycle.

In normal use, we recommend setting two 2-hour filtration cycles per day. In this case, the interval between the start times of the filtration cycles must be 12 hours. For example, the filtration cycles can be these factory set periods 8:00–10:00 pm and 8:00–10:00 am.
PLEASE NOTE! If you use the pool more frequently than three times per week, the length of the filtration cycles must be increased.

CLEANING CYCLE

The pool has an automatic preset cleaning cycle. The cleaning cycle starts when the pump has been turned off for at least 30 minutes.

TIMED MESSAGES

The pool display may show various timed reminders every now and then. To ignore a message, press the **WARM** button ①. See the table below for the most common messages and their meanings. You can turn the reminders off in the **PREF** menu.

MESSAGE	MEANING
CHEK | PH	Check the pH of the water and adjust the chemicals if necessary.
CHEK | CHEM	Check the amount of chloride and add if necessary.
CLN | FLTR	Clean the filter.
TEST | GFCI	Check that the ground fault circuit interrupter is functional.
CHNG | WATR	Replace the water in the outdoor spa pool.
CLN | COVR	Clean the insulation cover.
CHNG | FLTR	Replace the filter.
CHEK | OZ	If you have an ozonator, check that it is working correctly.
SRVC | CHEK	Carry out servicing measures.

DISPLAY BAR CODES

The table below shows the most common error codes, their meanings and the required measures. Always take the required measures and contact your distributor or service agent if necessary.

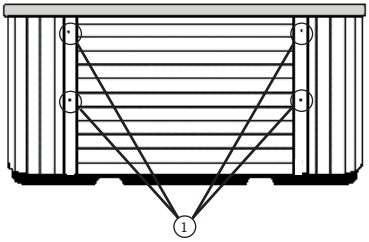
CODE	MEANING	REQUIRED MEASURE
DARK SCREEN	The pool is not receiving power.	Turn on power to the pool / check the connection.
-- -- -- °C	The temperature is not detected.	The temperature is shown on the display once the pump has been running for two minutes.
42 °F | TOO | COLD |	The pool may have frozen.	The pumps will turn on automatically, regardless of the pool's mode. Contact your service agent.
WATR | TOO | HOT | -- -- -- -- |	OVERTEMPERATURE – One of the temperature sensors has detected a temperature of 43.3 °C or higher.	DO NOT ENTER THE WATER! The pool will turn off and turn on again once the water temperature has decreased to 41.7 °C. Remove the pool cover to cool the water.
RUN | PMPS | PURG | AIR |	Notable difference in temperatures measured by sensors A and B. Indicates a problem with the water flow.	Check that there is enough water, fill if necessary. Clean the filter and check that the pumps work. If the problem continues, contact your service agent.
HTR | FLOW | FAIL | -- -- -- -- |	Continuous problems with the water flow. The heater will turn off if this code appears five times in a day.	Check that the filter is clean. Turn the heater on again by pressing any icon. If the problem continues, contact your service agent.
HTR | MAY | BE | DRY |	The water flow in the heater is low, or there is air in the heater.	Turn the pool off for 15 minutes. Check that there is enough water and fill if necessary. If necessary, remove air according to the instructions for clearing an airlock. Return the pool to the normal mode by pressing any icon. If the problem continues, contact your service agent.
HTR | DRY | -- -- -- -- |	Not enough water in the heater. The pool will turn itself off.	Check that there is enough water, fill if necessary. Clean the filter and check that the pumps work. If the problem continues, contact your service agent.
HTR | TOO | HOT | -- -- -- -- |	OVERTEMPERATURE – One of the temperature sensors has detected a temperature of 47.8 °C or higher.	DO NOT ENTER THE WATER! Remove the pool cover to allow the water to cool. After the water has cooled down, reset the system by pressing any icon.
SNSR | BAL -- | ANCE |	Temperature sensors out of balance.	The phenomenon may be temporary. If the problem continues, contact your service agent.
SNSR | SYNC | -- -- -- -- |	The temperature sensors have been out of balance for at least an hour.	Contact your service agent.
SNSR | A/B | -- -- -- -- |	Temperature sensor A or B does not work. The pool has turned off.	May occur momentarily when the temperature rises too high. The message will disappear once the temperature decreases. If the problem continues, contact your service agent.
STUK | PUMP | -- -- -- -- |	The pump will not turn off.	DO NOT ENTER THE WATER! The water may have overheated. Turn off power to the pool and contact your service agent.

FACTORY INSTALLED ACCESSORIES

SINK PANELING

Not available for pools of the standard collection.

When sinking the pool into a terrace, the sinking depth can be a maximum of 40 cm from the bottom of the pool to the top surface of the terrace. With sink panelling the pool panels are in two parts, so there is no ned to make a separate service hatch for possible maintenance.



The side hatches of the pool equipped with sink panelling can be opened by first opening two of the upper screws located at the cover strips on either side of the hatch ①. After this, slide the cover strips to the corners of the pool, raise the top of the hatch a bit and pull the hatch out.

MICROSILK

Available for pools of the collections Select and Exclusive.

You can find the Microsilk feature on the screen button (5) Spa menu (see image, page 10)

Other notes:

- When turning on the Microsilk program, the pumps turn off automatically, and you cannot start them up at the same time.
- The Microsilk feature turns off automatically after 30min, but you can interrupt it at any time.
- When the Microsilk feature is running, the water becomes filled with microbubbles and turns slowly completely milk-like – this is entirely normal.
- Microsilk does not add any chemicals to the water and does not have a direct effect on the water chemistry.

SUPPLEMENTARY HEATER

An additional heater is standard for Ylläs pools of the Exclusive collection.

The electrical installation of the additional heater can only be carried out by a licensed electrician, and it has to be done simultaneously to the electrical installation of the pool. The electrical connection of the additional heater must be protected with a ground circuit interrupter. The heater is hooked up to its own 230V, 1 x 16 A electrical connection. The wires should be stripped approximately 20 mm and the earthing connection must be made appropriately. The electric supply can be drilled through any corner of the pool's siding or a moving strap groove in the pool base. The side behind which the control panel is located is marked on the pool.

PLEASE NOTE!

The cable that goes from the control panel to the heater is the control cable of the additional heater. The electrical wiring instructions are marked on the inside of the control panel next to the terminal block.

1. Check that the pool is filled up until the LED lights.
2. Open the service hatch.
3. Open the hatch at the front of the cover of the additional heater.
4. Hook the power cable up to the additional heater.
5. Close the hatch at the front of the cover as well as the service hatch.

CONTROLMYSPA™ REMOTE CONTROL

In the Exclusive hot tubs, CMS ™ remote control is always standard.

You can use remote control to adjust the pool's settings from anywhere and check the status and functions of the pool. The new generation of CMS™ remote control also sends notifications to your mobile phone about any issues with the pool. The remote control requires a Wi-Fi connection near the pool to function.

1. Connect the CMS Gateway Ultra unit to a modem with a network cable and connect the power cable to the unit.

2. Download the **CONTROLMYSPA** application via your phone's app store.

3. Stand next to the pool and make sure that power to the pool is turned on.

PLEASE NOTE! CMS can be found 15 minutes after the pool is turned on. If necessary, turn off power to the pool, wait for 20 seconds and then turn the power back on.

4. Open the CONTROLMYSPA application on your phone, press "SETUP" and follow the instructions on the screen.

5. The CMS code is **PDS-85415**

TROUBLESHOOTING:

- Red light in the CMS Gateway Ultra unit: The unit and the pool are not connected.
- Blinking red light in the CMS Gateway Ultra unit: The unit and the pool are connected, but there is no connection to the control panel.
- Blinking blue light in the CMS Gateway Ultra unit: Software update in progress. Do not turn off the power.
- Blinking green light in the CMS Gateway Ultra unit: The unit and the pool are connected, but there is no Internet connection.
- Green light in the CMS Gateway Ultra unit: The unit and the pool are connected and an Internet connection has been established. No errors.

EN GENERAL WARRANTY TERMS

The warranty applies to outdoor hot tubs purchased for private use from an authorized dealer. The warranty period is two (2) years, and it starts on the date when the pool is delivered, but under no circumstances no later than 6 months from the date of purchase. The ten-year limited warranty extension requires the pool to be registered at www.novitek.fi. The buyer is only entitled to warranty repairs under the warranty terms by presenting the original proof of payment for the pool. During the warranty period, Oy Nordic SPA Ltd will repair faults in the product within a reasonable time.

CONDITIONS FOR THE WARRANTY'S VALIDITY

In order for the warranty to be valid, the Drop pool must be installed in accordance with the pool's user instructions; any electrical installation of the pool must be carried out by a licensed electrician; the pool must be used according to the user instructions and for the intended purpose of use; and the pool must be used solely for private use.

The liability for the installation is borne by the person who carries it out, and the buyer is liable for ensuring that the installation is carried out according to the instructions for installation that are set out in the user instructions. The seller is not liable for any errors made by the customer in the installation in any shape or form. The product's warranty is void if the installation is carried out incorrectly or the pool is emptied incorrectly and then stored in freezing weather.

COMMERCIAL USE

The Novitek pool is designed to withstand normal use. For pools installed for commercial or rental use, the warranty is limited and specified on a case-by-case basis. If the commercial use is not mentioned when the order is placed and the warranty is not separately agreed upon in the order, the warranty for the products is three (3) months from delivery. Oy Nordic SPA Ltd is not liable for any indirect damages caused by the pool, such as loss of rental income or other damages incurred by the customer.

LIMITATIONS

The buyer is not entitled to repairs under these warranty terms if the fault or damages result from wear and tear caused by normal use, incorrect installation, the customer's own alterations, an accident, incorrect use, incorrect use of chemicals, commercial use, use of an accessory not approved by Oy Nordic SPA Ltd neglect of the user instructions, failure to service or clean the pool, or repairs carried out by someone other than a service company authorized by Oy Nordic SPA Ltd. The warranty does not cover damages caused by extreme weather conditions (hail, storms, earthquakes, etc.). Any costs incurred by the manufacturer for the reasons mentioned above will be invoiced to the customer according to the normal service price list.

The warranty does not cover the pool's suction drains, Ozon generator, UV cleaning equipment, thermal insulation cover, spa pillows and or the filter tank's floater; these products have a warranty period of six (6) months.

The warranty does not cover any indirect, consequential or other extraordinary damages incurred by the buyer, such as losses, loss of profits or some other consequential damages or any pecuniary damages.

WARRANTY FOR DISPLAY PRODUCTS

Display products are sold in the condition they are in at the moment of purchase. Oy Nordic SPA Ltd is not liable for any surface damage or other damage on display products. Nor does the warranty cover the repair of deficiencies. The warranty covers display products in other respects, unless otherwise agreed upon in writing when the products are ordered.

WARRANTY MEASURE

The purchaser should immediately notify the retailer of a damaged pool or component. When filling in the notice of defects, reference the pool model, serial number, and the date of purchase and installation, as well as the quality of damage and circumstances of the damage. Oy Nordic SPA Ltd or service representative accredited by it are responsible for stating and repairing the damage. A damaged pool will be repaired by servicing or changing damaged parts within a reasonable time, or by replacing the damaged pool with a completely new one, by exclusive consideration of Oy Nordic SPA Ltd. The service representative must have free access to each side of the pool. Expenses due to demolition of a terrace or other built foundation, removing or reinstalling of the pool are invoiced to the buyer.

Procedures that do not require expertise are carried out with assistance of a customer support person or other similar means. The buyer must accept such procedures when those are based on the seller's experience of repairs. When the seller or manufacturer request information, such as, images for better assessing the procedures needed, the buyer must do their part. The buyer's liability is limited to delivery of new goods, repairs or a specific refund of a purchase price by choice of the seller. The seller cannot be kept accountable for direct or indirect damage, damage following those are a loss of the buyer.

REFUNDING/INVOICING WARRANTY-COVERED PARTS

The manufacturer must be provided with a chance to check the warranty claim filed. The buyer must follow the manufacturer's instructions. The original part to be refunded or replaced must be delivered to Oy Nordic SPA Ltd for inspection. If the part is not returned for inspection, the replacement part will be invoiced for similarly to any normal purchase, unless otherwise agreed upon.

NOVITEK®

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