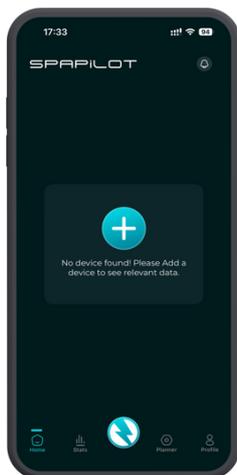


Quick setup

SPAP:PILOT

Quick setup

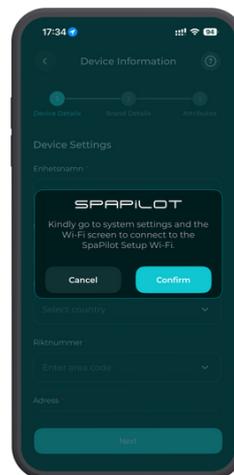
After you have connected you Spapilot box to the Balboa or Gecko controlbox. You put the power back on to the spa, let the spa and the Spapilot box start up.



1. Add a device



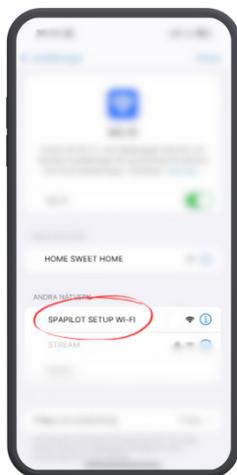
2. Read the instructions



3. Initiate Wi-fi, confirm to go to phone settings



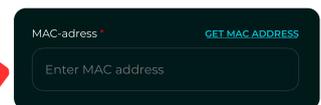
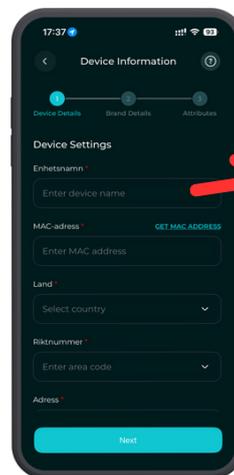
3 b Allow app to access location



4. Select Spapilot setup Wi-Fi



5. Go back to Spapilot app, scan for your home Wi-fi and connect with the password



Before you continue, make sure the MAC:ID is shown in the field.

If not shown you click on "GET MAC ADDRESS"

6. After connecting to your local Wi-Fi you continue filling out the fields.

Fields

This is the informatiopn needed from user and for Spapilot to work as intended

Brand

(Unsure choose not available)

Model

(Unsure choose not available)

Volume in liter

(4 seats 1000l, 5 seats 1200 l, 6 seats 1600 l and Swimspa 5000-10 000l)

Number of massage pumps

The power of each Massage pump in kW

What type if filter do the outdoor spa use?

(Unsure type 0)

How many filter does the outdoor spa have?

Does the outdoor spa use separate circulation pump and the power of the pump

If your Outdoor spa has a Airpump and the power.

What type of cleaning system you have?

Select the kW of your heater

ClimaZone (Future function)

If your spa has Microsilk or not

What year was the Outdoor spa installed

Here you set up your filtration cycles.

We recommend using preset value.

Then "Submit" to register your outdoor spa

Tip! *Print or copy this page and send to your reseller and have them fill it out*



Next your Spapilot will look like this!

If you're lacking temperature readings and other values, you may need to reach out to support for a firmware update, as the automatic update did not function properly.

To setup your Cost control do following.



Go to the module of "Cost control"

Cost Control

Choose what kind of electric subscription you have

- Hourly Price
- Zone Based Price
- Fixed Price

Sweden

SE4

Fee from provider: 0,20

Max Price/hour: 0,50

Add fee to price

Peak Charge Mode

07:00 - 20:00

Start Time: 00:00

End Time: 00:00

Update

1 Chose your country and region

2 Specify your maximum allowable price.

Determine if you would like to include the provider fee in the fetched hourly rates. For instance, if you enter a fee of €0.05 per hour, this amount will consistently be added to the hourly prices, and the maximum price will reflect this total **(Optional)**

3 To activate Peak Charge Mode, simply enter the hours you wish to exclude from Spapilot's heating functions. Consequently, all schedules created will automatically ignore those hours in accordance with your Peak Charge Mode settings. This ensures you can protect yourself from potential additional fees. **(Optional)**

4 Update to save settings.

Continue scroll down to Planner section

When you set up Spapilot, you can choose between two planning modes:

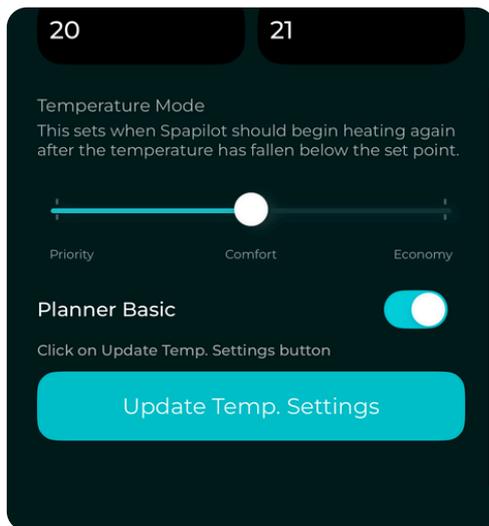
- Planner Basic – simple and easy to follow
- Planner Dynamic – smarter and more automatic

Think of it like this:

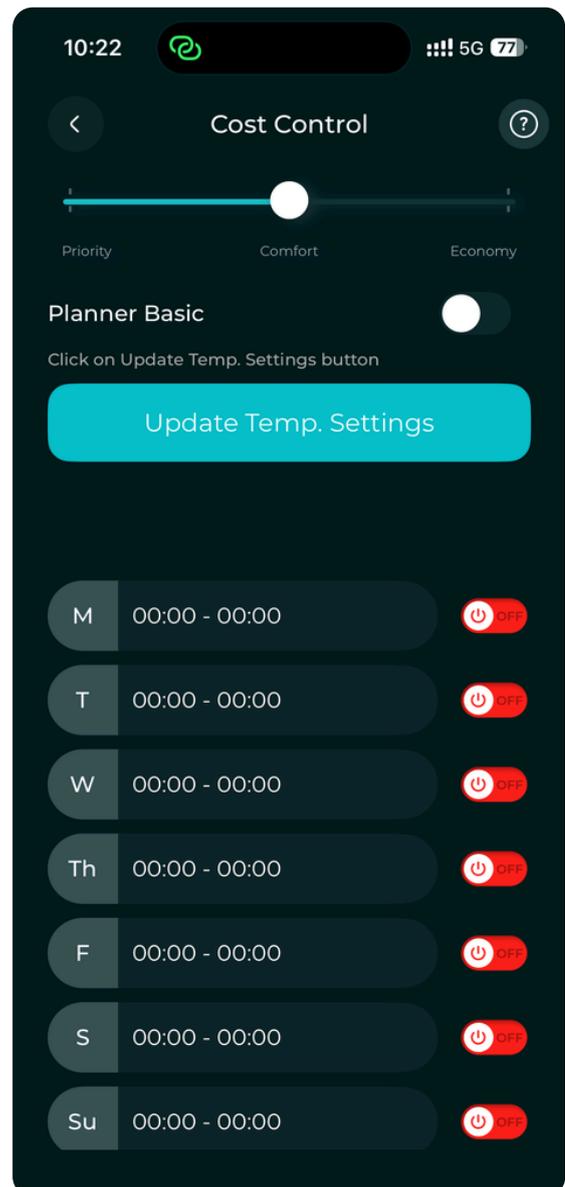
Planner Basic = “I want it simple and be active in controlling settings”

Planner Dynamic = “I want Spapilot to think for me, based on my preferences”

Planner Basic



Planner Dynamic



Planner Basic – when you want it super simple

Planner Basic follows one simple idea:

“Only heat when the price is reasonable for me and the water is getting too cold.”

What this means for you:

- It's very easy to understand why the spa is heating right now.
- You can clearly see the connection between price, temperature and heating.
- No surprises – Spapilot does not plan far ahead or make complex decisions.

Planner Dynamic – when you want Spapilot to be “the brain”

Planner Dynamic is where Spapilot really gives your spa a brain. Here, Spapilot does the thinking for you:

- It looks at when you want to bathe.
- It checks when electricity is cheaper or more expensive.
- It learns how your specific spa heats up and cools down.
- It plans ahead so the water is warm at the right time – without heating more than necessary.

You don't need to think about which hours are best.

You just tell Spapilot when you want to use the spa and how warm you want it – and it takes care of the rest.

Choose Planner Dynamic if:

- You want the lowest possible cost without watching prices yourself.
- You want the spa to be ready when you arrive – without thinking about electricity.
- You like the idea that Spapilot is the smart brain behind your spa.

Short summary

- Planner Basic – best if you want it simple and easy to understand.
- Planner Dynamic – best if you want it smart, automatic and as cheap as possible over time.

Planner Basic

Simple steps to take control. Easy Peasy!

1 Set your electric subscription on hourly price
Choose country and region

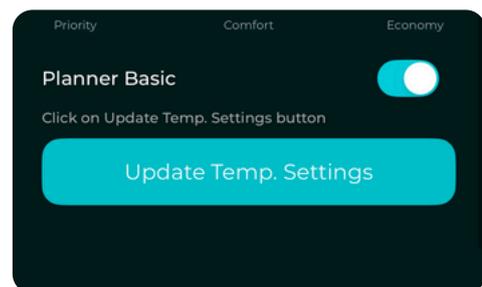
2 Set your Max Price allowed
Ad provider fee (Optional)
Peak Charge (Optional)

Save

3 Set Target and Min. temp Alert
Set Heating mode (Optional)

4 Toggle on Planner Basic

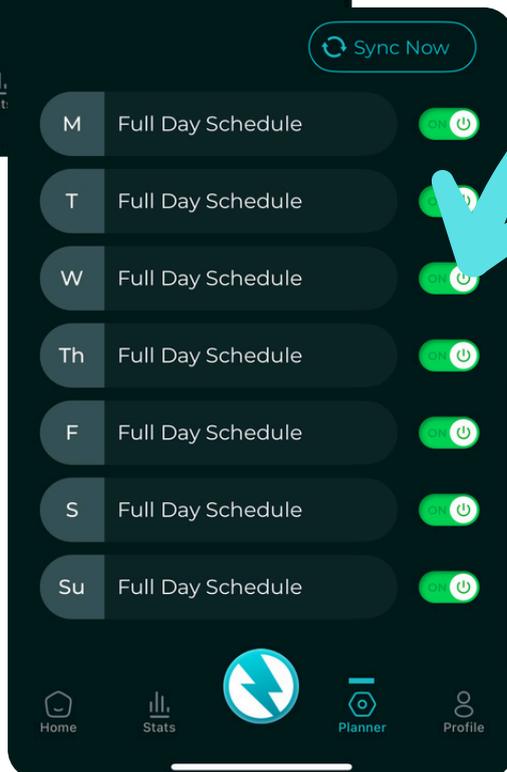
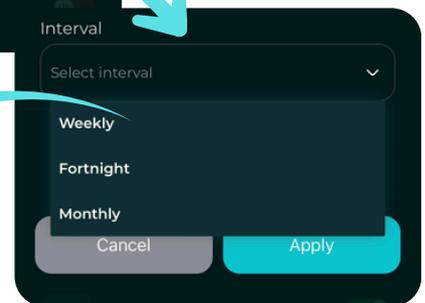
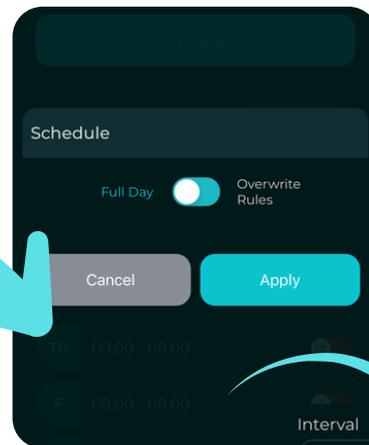
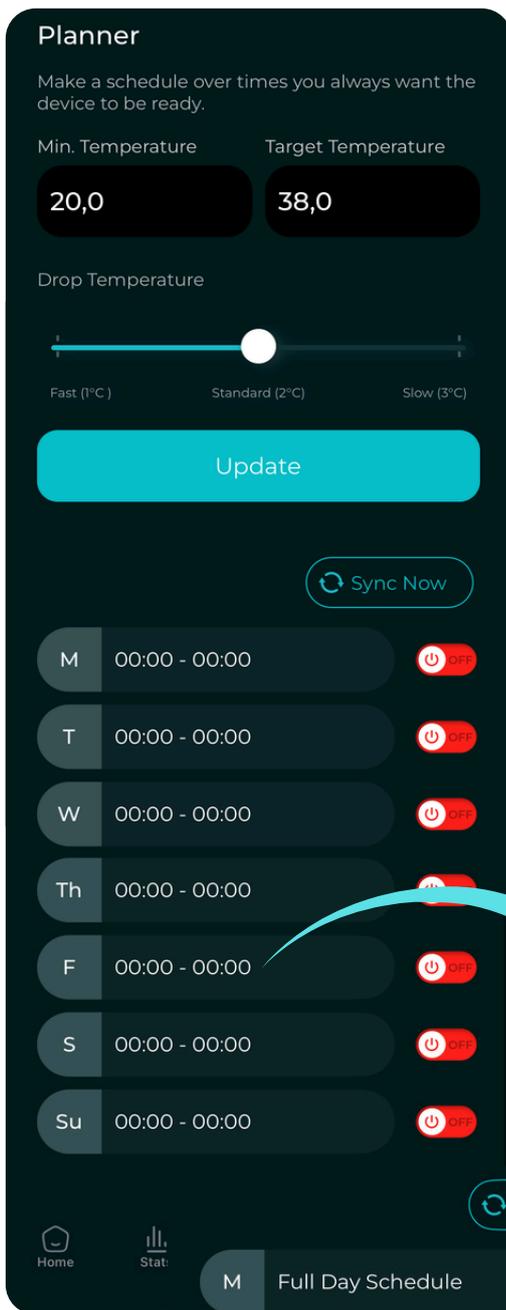
Save



Planner (Dynamic)

- 1 Set your minimum temperature alert; if this threshold is exceeded, Spapilot will notify you promptly.
- 2 Your target temperature is what Spapilot consistently aims for during the planning process.
Set the desired temperature to ensure your spa is ready when you need it.
- 3 Heat mode is a setting to adjust when Spapilot should react to heat. **(Optional to change)**

Update to save your settings



- 4 Click on all the days or specific days/time and a pop-up comes up for each. There you pick your preference set the interval.
(For more advanced use, to set specific days and times, read the manual completely.)

How Planner Helps “Gunnar” Always Heat His Spa at the Lowest Cost

Gunnar loves to enjoy his spa every Friday evening at 9:00 PM. He wants the water to be 38°C when he steps in, but he doesn't want to pay more than necessary for heating. That's why he uses Spapilot's Planner. Here's how it works – step by step:

Gunnar sets up the Planner:

Bath every Friday at 9:00.

Target temperature: 38°C.

Max price: 0,33 €/kWh.

Peak Charge block: 17:00–19:00.

Spapilot calculates the “time to target”:

Spapilot plans the heating process in a smart way to save both money and energy. Instead of waiting until the last minute, Spapilot starts heating the spa already on Wednesday for one hour. On Thursday, it heats for two hours, and on Friday for three hours—so the water is perfectly warm by 19:00 on your bath evening.

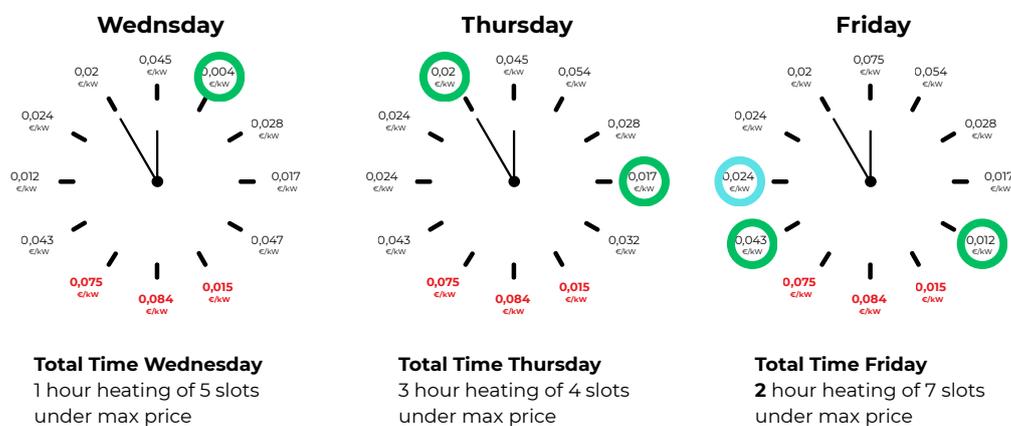
By spreading the heating over several days, Spapilot can select the hours when electricity prices are lowest. Each day, as new electricity prices are published, Spapilot fetches the rates for all hours leading up to bath time on Friday. It looks for the cheapest hours before 19:00 and avoids expensive peak hours. When the initial plan is created it uses last weeks electric prices that are revised every day.

This way, Spapilot always chooses the smartest and most affordable hours to heat your spa—starting as early as Wednesday. If there are more cheap hours than needed, it picks the absolute cheapest. If there are too few, it prioritizes the hours closest to bath time to ensure the water is warm and ready when you want to use it.

Total Time Required Initially:

5 hours to reach 39 degrees

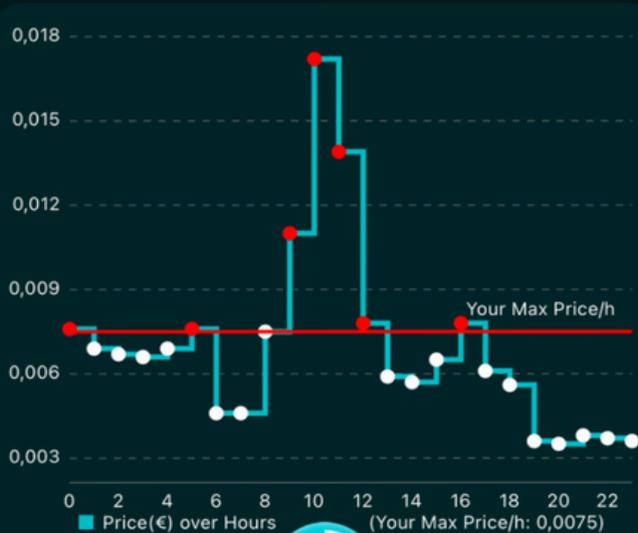
3 hours to compensate for the temperature drop during this period



During these days Spapilot has checked the plan every hour and made any changes if needed. Could be more heating needed then expected or the electric prices where not in line with last week as Spapilot uses that as part of initial plan.

Daily prices in your region for electricity (€/KWH)

This is typically updated daily between 13:00 PM and 15:00 PM. However, there may be occasions when updates are delayed for various reasons.



● Over your maximum price and doesn't heat.

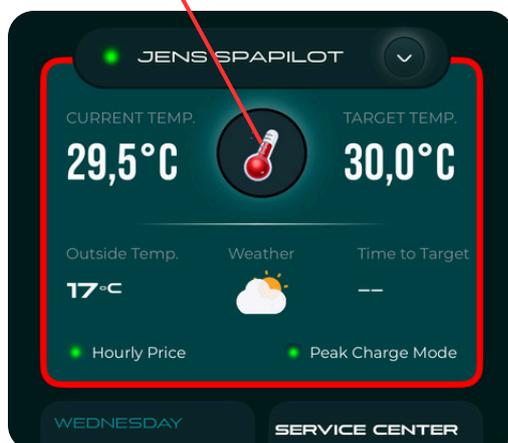
○ Below your maximum price and can heat up.

Now, Spapilot will strive to maintain your target temperature as closely as possible, aligned with your pricing or at the lowest feasible level. This means that the temperature may fluctuate over time, with Spapilot prioritizing price over temperature every day.

However, it will always ensure heating occurs when the prices are “right” and never above your set maximum cost. (Filtration cycles are always outside the automation; they are always run no matter the price.)

How do i know if its heating?

Only graphics



SOLID ORANGE

Spapilot is in standby mode, waiting for the next opportunity to heat. Currently, Spapilot is not performing any activity.

PULSATING RED

The Spapilot is **currently heating** up and either operating according to schedule or you have activated instant heating.

SOLID BLUE

The Spapilot is presently permitting the temperature to drop for an unspecified reason.

NO COLOR

Spapilot is currently inactive, as there is no schedule in place, nor is there a need to take action to reach the next planned bath, since it is still too far in the future.



Pressing this button will instantly activate the heating system **and cancel the scheduled plans for your upcoming bath that day**, enabling you to begin heating water for an unscheduled bath and the spa starts heating as fast as possible to the temp you set. Spapilot will resume the plan around midnight again to see if it can continue to reach the next planned bath. If not it will push that plan to next interval

LIVE CONTROL

- **Live Control = Quick, temporary changes that take effect immediately and only for today.**
- Planner/Full Automatic = Long-term planning and/or automation of your spa times and temperatures.

Tip:

Use Live Control when you want flexibility in the moment – but rely on Planner to get the most comfort, energy savings, and efficiency over time.



Adjusting the temperature and activating instant heating can throw off your schedule and “disrupt” your plans for the day. As a result, it will become less cost-effective. Temperature control is meant **ONLY** for immediate tasks and does not alter the scheduled temperature.

How do i change settings? Raise the target temp or max price?

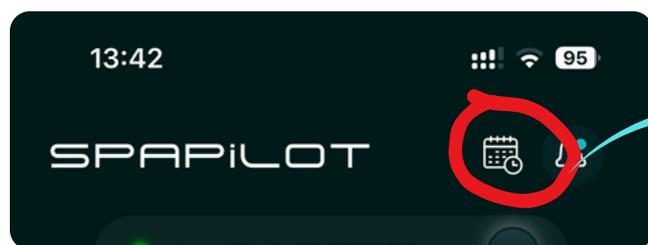
With Spapilot, you maintain control over your settings.

Updates apply only to new schedules, ensuring existing ones operate under their original settings, providing stability and reliability.

To modify an existing schedule, delete it and create a new one with updated settings, allowing you to enhance your spa experience at your own pace without manual updates. Improvements are straightforward, and you determine the timing and method of changes.

Can I find the settings for my existing schedule?

By clicking on “Calender icon” on top right corner, you will be able to view the details of the current plan.

A screenshot of the Spapilot app showing the details of a scheduled bath time. The time is 04:20:00. The screen displays the following information:

- SCHEDULED BATH TIME**
- Start Time : 20:00
- End Time : 22:00
- Start Temperature : 20 °c
- Target Temperature : 38 °c
- Time to Target : 2h 52m
- Subscription Type : Hourly Price

TOTAL INITIAL COST

1.72€

TOTAL OPTIMISED COST

0.03€

INITIAL PLAN | **OPTIMISED PLAN**

Date (MM/DD)	Day	Slot	Duration	Cost(€)
07/04	Fri	16:00 : 17:00	49m	0,01
07/04	Fri	17:00 : 18:00	1h	0,011
07/04	Fri	18:00 : 19:00	1h	0,012
07/04	Fri	19:00 : 20:00	2m	0,0

Frequently Asked Questions

Why is my Target temp not align with my setting?

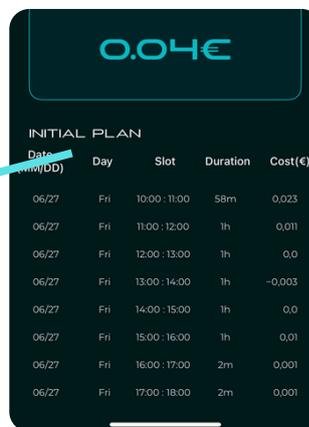
When you activate instant heating, it will display the selected temperature for instant heating until it's turned off.



Or you can first try and swipe down to refresh the app and it will appear. In worst case scenarios, the control box can be causing a delay of up to 2-3 minutes and you have to wait a bit in order to get correct data on your home screen.

What happens if the price never goes under my Max cost?

When Spapilot cannot confirm that it can heat for the next scheduled occasion, it will update the date on the landing page to the next available bath occasion. Additionally, you can check the calendar icon in the top right corner to view the current plan.



Why is my spa offline now and again?

If your Wi-Fi signal is too weak, Spapilot will go offline. Spapilot requires at least -75 dBm to function properly. Don't hesitate to contact us if you need assistance.



Common questions

Why is the spa not heating when the price is under my max price?

The Planner Dynamic heats only what is necessary. Therefore, even if your price falls below the limit, it will not activate unless there is a genuine need for heating.



Why is it showing wrong date?

This module will display only the earliest possible date for planning purposes. If the date shown is different from the date shown is different from the actual date, it indicates that the Planner cannot fulfill the plan for that same day.



Why are my Temp switching tp 26,5 or 10 degrees after i stop instant heating?

This is Spapilot that resets the temperature to the lowest value depending on Temp. Range High or Low being active. Lets Spapilot re-evaluate the plan and it will go back to the original plan soon.
(Update coming)



If you need to reset your Wi-Fi?

If you need to reset your Spapilot box due to a lack of access to your Wi-Fi, you can connect to the secondary reset Wi-Fi.

The Spapilot box is equipped with a secondary Wi-Fi hotspot to ensure consistent connectivity.

To reset the Wi-Fi connection, please follow these steps:

1. The Spapilot box features a secondary Wi-Fi hotspot with the following credentials:

- **SSID: “Spapilot Reset Hotspot”**
- **Password: “Zavepwr21#&”**

2. Navigate to your mobile device settings and adjust your mobile hotspot to match these credentials. If you have Iphone you have to change name on your phone in settings→ General→ About and then name. After this is done you go to your internet sharing and allow all devices to connect and then change password to password written above

3. Once configured, your phone will automatically connect to the Spapilot box. After establishing this connection, you will have the ability to modify the box's credentials as needed, allowing you to reconnect to the Spapilot in your app.

If this does not work, do the following:

1. Delete your device
2. Send us a mail on support@zavepower.com
3. We need your MAC:ID on the box
4. We will confirm when we have manually reset your box.
5. Add a device on proceed as a new installation.

FAQ

How does Planner work and why should I use it?

Planner is your long-term spa scheduling tool. Here, you decide when and how warm you want your spa to be. Spapilot automatically follows your schedule and optimizes heating for maximum comfort and minimum cost. If you want to make permanent changes, simply remove the old schedule and create a new one.

What is Live Control and when should I use it?

Live Control is for quick, temporary changes – for example, if you want to use your spa outside your normal schedule. These changes only apply for the current day; after that, Spapilot returns to your planned schedule.

How does Spapilot help me save energy and money?

Spapilot optimizes heating based on your electricity pricing (fixed, zone, or hourly), takes peak charges into account, and avoids expensive hours. You can always see your current and historical consumption and costs in the app.

How do I know when my next bath is planned?

Under “Next Planned Bath,” you’ll always see the date, time, and temperature for your next scheduled session. You’ll also see SpaPilot’s original and optimized plan, along with cost calculations.

How does energy tracking and statistics work?

In the Statistics tab, you get a clear overview of your total energy consumption and costs for all scheduled sessions. You’ll also see electricity prices for the coming 24 hours in your region.

Do I need to enter information about my spa’s pumps and power?

Yes, to ensure Spapilot calculates your consumption and costs correctly, you need to enter the pump power and capacity (kW). You can easily adjust this under Profile > Device > Edit Device.

What is Peak Charge Mode?

Peak Charge Mode protects you from high penalty fees by avoiding heating during hours when your electricity provider measures your highest consumption.

Can I control my spa remotely?

Yes! With Wi-Fi remote control, you can monitor and control your spa from anywhere, directly in the app.

What should I do if I have problems or questions?

Go to the Help Centre in the app for guides and troubleshooting, or contact our support – we’re happy to help!

Can I use Spapilot with any spa?

Spapilot is compatible with most modern spas. For specific compatibility, please check our website or contact our support team.

How do I update my device information if I change my spa or pumps?

You can update all technical details under Profile > Device > Edit Device in the app at any time.

Do I need to connect Spapilot to Wi-Fi?

Yes, Spapilot needs a stable Wi-Fi connection to function optimally, receive updates, and allow remote control through the app.

Does Spapilot work with all Wi-Fi networks?

Spapilot only works with 2.4 GHz Wi-Fi networks. It is not compatible with 5 GHz networks.

I'm having trouble connecting my Spapilot – what could be wrong?

Make sure your Wi-Fi is set to 2.4 GHz. Also, double-check that you entered the MAC:ID using only CAPITAL letters. If you use lowercase letters, the device will not work after installation.

My Spapilot is not connecting or working as expected. What should I do?

Sometimes, a firmware update is required for your device to function. If the update does not happen automatically, please contact our support team and we will help you with the update process.

What happens if my Wi-Fi connection is lost?

Spapilot will continue to follow your last set schedule, but you won't be able to make remote changes or receive updates until the connection is restored.

How often does Spapilot update electricity prices?

Spot prices are updated daily, usually between 1:00 PM and 3:00 PM, so you always have the latest information for optimal cost-saving.

Does Spapilot include taxes and fees in cost calculations?

No, the cost calculations are based on spot market prices only. Taxes, VAT, and additional provider fees are not included and should be considered separately.

Can I see a history of my spa sessions and costs?

Yes, under Bath History in your Profile, you can review all your past sessions, including dates, durations, and associated costs.

Contact Directory

General Inquiries & Support
Zavepower Innovative Technology AB
Website: www.zavepower.com
Email: support@zavepower.com

Sales & Reseller Partnerships
Email: retail@zavepower.com

Authorized Resellers
For a list of current authorized resellers, please visit:
www.zavepower.com/resellers

Product Documentation & Updates
Latest manuals, guides, and updates:
www.zavepower.com/contactus

The Spapilot Gen 1 is the inaugural version and is currently in its beta phase. As with any early version, there may be occasional issues that require troubleshooting.

Our dedicated support team is committed to assisting you with any concerns or questions that may arise. We encourage all users to provide feedback, as your insights are invaluable in helping us refine and enhance the Spapilot experience.

Remember, our comprehensive product documentation is readily available online, ensuring you have access to the latest updates and solutions. Thank you for being a part of our journey toward innovation and excellence.

Please note: Zavepower has no commercial partnership with Balboa Water Group or Gecko. Any mention of the Balboa BP series or Gecko YE 3 and 5 is solely to clarify technical compatibility.

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