

Get to know your Spapilot.

The new way of looking at your outdoor spa.

VERSION

v7.0 • 2025

GENERATION

Gen 1

PRODUCT

Spapilot

PUBLISHED BY

Zavepower Innovative Technology AB

Discover a new way to enjoy your spa

At Zavepower, we want to challenge the traditional way of thinking about spa usage. Instead of running your spa 24/7, we want to show how smart technology can give you complete freedom while saving both energy and money.

Spapilot is not just a remote control for your spa. It is a whole new way of looking at how you use it. With scheduling, smart heating, and control directly from your phone, your spa adapts to you, not the other way around.

We understand it might feel a little unusual at first, to leave behind the old "always on" mindset. But once you experience the simplicity and control of Spapilot, you will wonder how you ever managed without it. It is all about daring to think differently, and we are convinced you will love the result. Change is never easy.

In this guide, we explain the thinking behind the features and help you get the most out of your Spapilot. Welcome to the future of spa living.



FIG. 1.1 THE SPAPILOT GEN 1 DEVICE WITH CONNECTION CABLE

NOTE

Please read this guide fully to understand Spapilot and all of its functions.

Spapilot's smart features

Every Spapilot feature is designed to make your spa experience easier, smarter, and more sustainable, so you can focus on what matters most: enjoying your spa.

Wi-Fi remote control

Control and monitor your spa from anywhere, directly on your phone or tablet.

Smart Heating

COMING SOON

Adjust the temperature based on when you actually want to use the spa. Save energy without compromising comfort.

Scheduling and calendar integration

Plan your spa time in advance and let Spapilot handle the rest automatically.

Energy tracking and cost control

Get full insight into your energy consumption and see how much you are saving, for both your wallet and the environment.

Easy installation

Get started quickly, with no hassle or technical complications.

Cost Control, how it works

With Spapilot's Cost Control, our goal is to make it easy for you to understand and influence your energy costs, while also helping you get more out of your spa.

Our philosophy is that you should have full control, and also get support to use your spa regularly, so you truly enjoy all of its benefits.

Our thinking behind Cost Control

Traditionally, spas have been real energy guzzlers, running around the clock whether they are used or not. With Spapilot, we want to break that pattern through smart scheduling, temperature control, and real-time data, so you only heat your spa when needed, saving both money and the environment.

But we also want to change how you see your spa. It should not just be for spontaneous dips, it should become a natural part of your everyday life.

Many people want to use their spa more often but need a little help getting started. That is why we offer reminders and inspiration directly in the app, so you get the most out of your investment and all the health benefits a spa can provide.

Setup on hourly electricity price

To set up Spapilot on an hourly electricity price, tap Cost Control on the main screen and configure the settings in order.

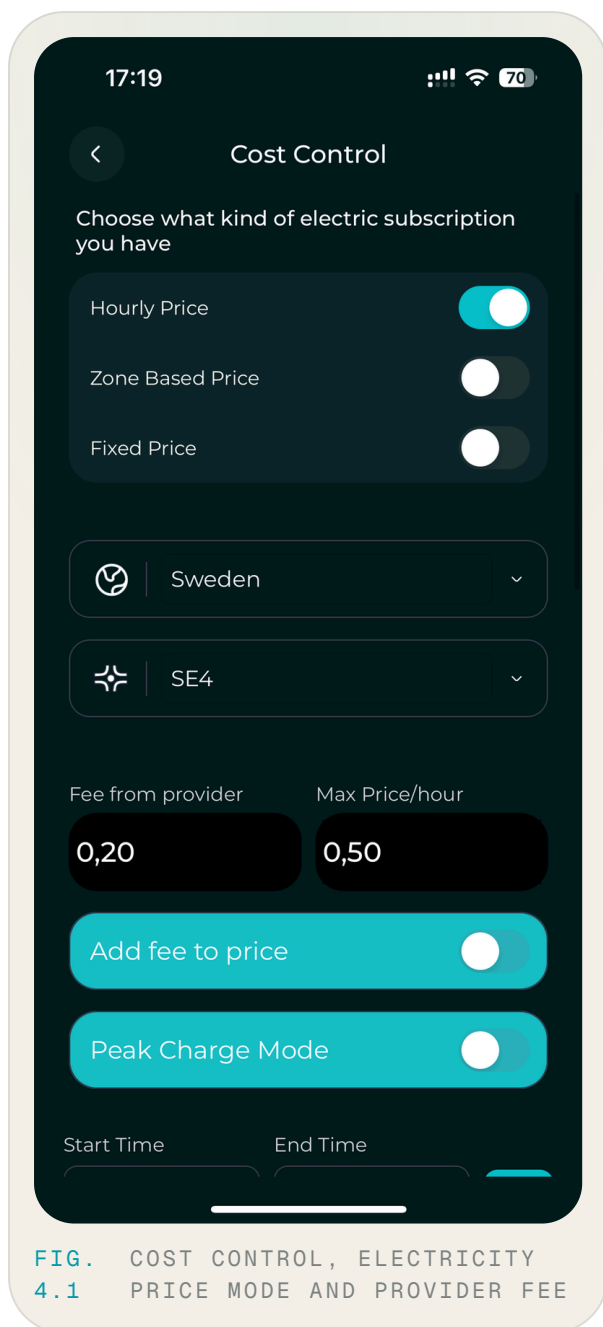


FIG. 4.1 COST CONTROL, ELECTRICITY PRICE MODE AND PROVIDER FEE

01

Pick your electricity price mode

Choose Hourly Price, then select your country and region. This makes sure Spapilot fetches the right price data for your location.

02

Specify your maximum allowable price

Enter the highest price per kWh you are willing to pay. Spapilot uses this as a limit when it plans the heating schedule.

03

Add your provider fee (optional)

Decide whether to include the provider fee in the fetched hourly rates. For example, if you enter a fee of €0.05 per hour, this amount is always added to the hourly prices, and your maximum price reflects this total.

04

Set Peak Charge Mode (optional)

To activate Peak Charge Mode, enter the hours you want to exclude from Spapilot's heating. Every schedule then automatically ignores those hours, which protects you from potential peak demand fees.

05

Update to save your settings

Press Update to save. Then scroll down to the Planner to choose how Spapilot should plan your heating.

NOTE

TIME ZONE

Spapilot runs on UTC internally. The app converts to your local time automatically, so check that your phone's time zone is correct.

Planner Basic vs Planner Dynamic

After Cost Control, scroll down to the Planner. With an hourly price you can choose between two planners. Pick the one that matches how hands-on you want to be.

SIMPLE

Planner Basic

Simple rules, you stay in control. "I want it simple and to be active in controlling the settings."

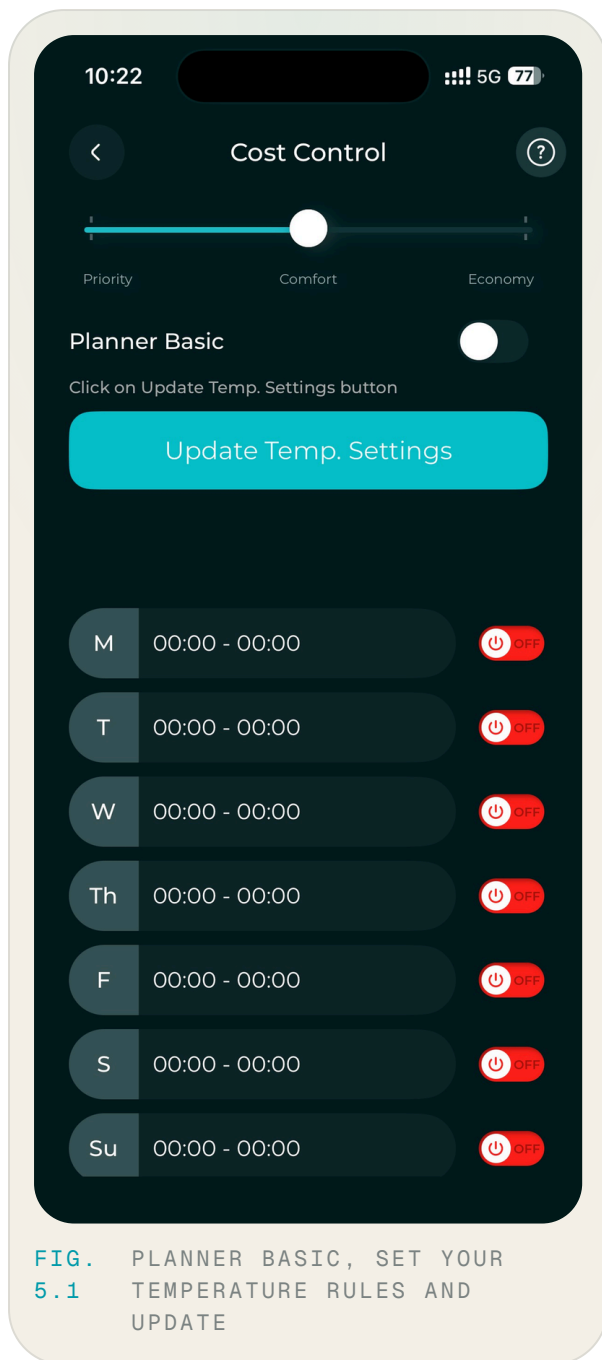
RECOMMENDED

Planner Dynamic

Smart, automatic planning. "I want Spapilot to think for me, based on my preferences."

Planner Basic, when you want it really simple

Planner Basic follows one simple idea: only heat when the price is reasonable for you and the water is getting too cold. This means it is very easy to understand why the spa is heating right now. You can clearly see the connection between price, temperature, and heating, with 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. It 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 do not 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 (Dynamic), settings

When you open Planner Dynamic, you set a few preferences and then schedule your days. Spapilot handles the optimization from there.

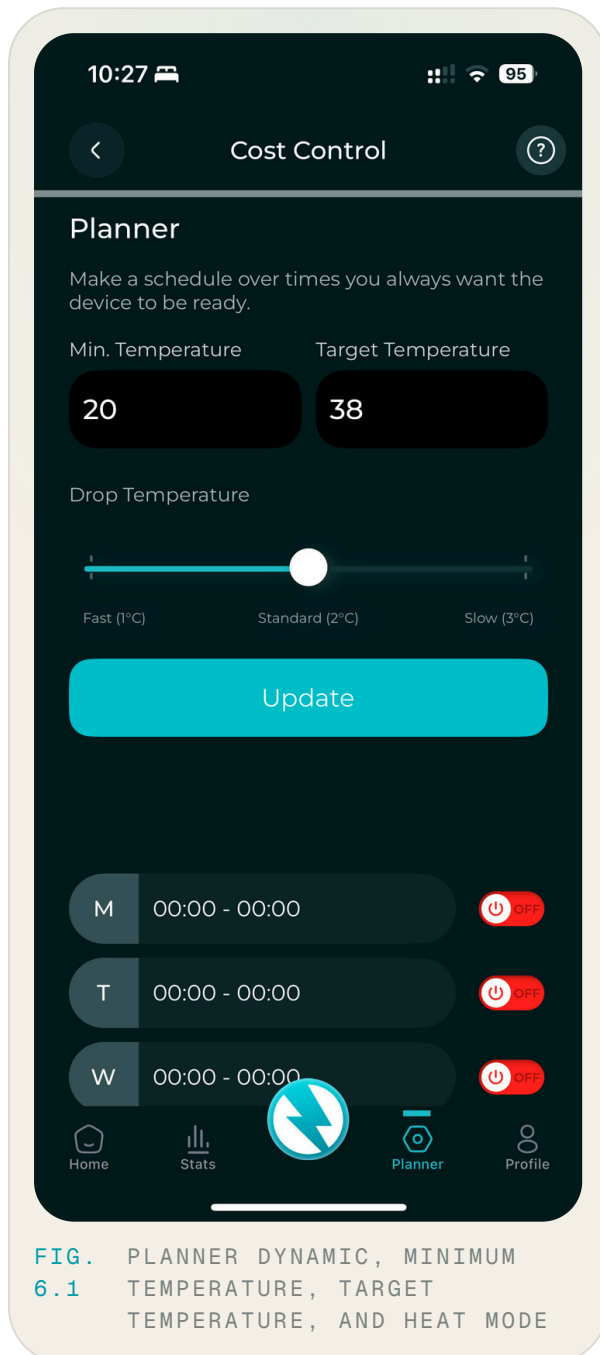


FIG. 6.1 PLANNER DYNAMIC, MINIMUM TEMPERATURE, TARGET TEMPERATURE, AND HEAT MODE

01

Minimum temperature alert

Set your minimum temperature alert. If the water drops below this threshold, Spapilot notifies you promptly.

02

Target temperature

Your target temperature is what Spapilot consistently aims for during planning. Set the desired temperature so your spa is ready when you need it.

03

Heat mode

Heat mode adjusts when Spapilot should react to heat. This is optional to change.

04

Day and time scheduling

Tap all days or specific days and times. A pop-up appears for each, where you pick your preference and set the interval. For more advanced use of specific days and times, read this guide fully.

05

Update to save

Press Update so the Planner knows what adjustments to make.

09:36   69

< Cost Control

Schedule

Full Day ☒ Overwrite Rules

Start Time End Time

Start time End time

+ ADD

Interval

Select interval 

Weekly

Fortnight

Monthly

Cancel Apply

Su Full Day Schedule 

FIG. 6.2 DAY AND TIME SCHEDULING

Making sure Spapilot is working

Once Spapilot has a setting to optimize your spa, here are the most important things to know so you can confirm it is working.

Understand Live Control first

A useful rule of thumb: if you do not plan to use the spa right now or on the same day, do not use Live Control, it has no function then. If you are setting instant heating or a timer for a bath on the same day, then use it. Live Control does not change any system settings, it is solely for immediate use, and everything you adjust there resets at midnight.

Give Spapilot time to set up

Sometimes Spapilot needs to wait for the control box in your spa to be ready, which is beyond our control. After you change a setting, return to the main screen and swipe down to refresh. It can take up to two minutes for Spapilot to organize all your settings, so do not worry if it seems like nothing happened, it just needs a little time to finalize everything.

When Spapilot will not heat, even below your maximum price

- With Planner Dynamic active, Spapilot only heats as much as necessary. For example, if a plan for a given day needs 2 hours, it selects the 2 cheapest hours available that day.
- If you start Instant Heating and then turn it off manually, Spapilot assesses the situation before resuming. During this assessment it will not heat, which can take up to 30 minutes.
- If you have not activated Planner Basic or Planner Dynamic, Spapilot will neither heat nor hold off according to your settings.
- Spapilot will heat during filtration cycles, since those fall outside Cost Control and are highly individual.
- If you enable Instant Heating or the Instant Heating Timer, Spapilot heats regardless of pricing or other rules, until you turn it off, the timer ends, or it reaches midnight.

How to tell if Spapilot is heating



Solid orange

Standby. Spapilot is waiting for the next opportunity to heat and is not heating right now.



Pulsating red

Heating. Spapilot is heating, either according to schedule or because you activated instant heating.



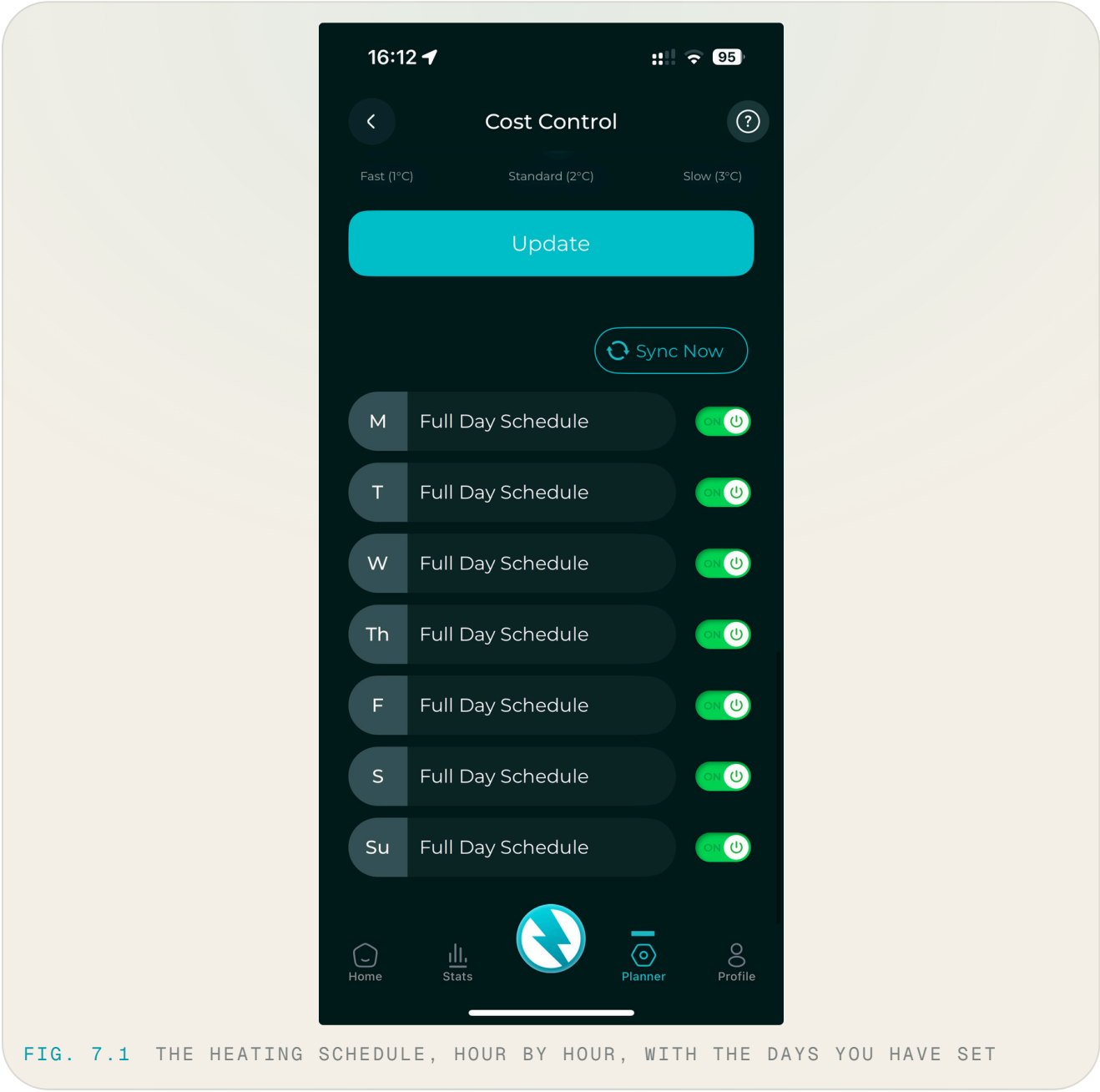
Solid blue

Cooling. Spapilot is allowing the temperature to decrease in order to reach a lower target setting.



No color

Inactive. There is no schedule in place, and no action is needed yet because the next planned bath is still far in the future.



TIP

INITIAL PLAN VS OPTIMIZED PLAN

You can compare the Initial Plan with the Optimized Plan by tapping the calendar icon in the top right corner. This is available with Planner Dynamic, and shows the exact slots Spapilot has heated or is heating.

Live Control, for spontaneous changes

Live Control means quick, temporary changes that take effect immediately and only for today. Use it when you want flexibility in the moment, but rely on the Planner for the most comfort, energy savings, and efficiency over time.

CAUTION**FOR TODAY ONLY**

Never use Live Control to change settings here if you are not taking a bath today. All settings to the system are made in Cost Control. Everything you adjust in Live Control resets at midnight.



FIG. 8.1 LIVE CONTROL, INSTANT HEATING, HOLD TEMPERATURE, AND THE TEMPERATURE RANGE

Mode indicator

Shows which mode is active, for example Ready or Rest.

Pumps and lights

Turn your pumps and lights on or off. The number of buttons can differ depending on your spa's setup.

Temperature in instant heating

When you change the water temperature in instant heating mode, it shifts accordingly. After 2 to 3 seconds without further changes, the display returns to the original temperature.

Hold Temperature

A timer that maintains Instant Heating for a set duration before turning it off automatically.

Instant Heating

Pressing this instantly activates heating and cancels the scheduled plan for your upcoming bath that day, so you can heat for an unscheduled bath. The spa heats as fast as possible to the temperature you set.

Actual water temperature

Shows the real temperature in the water.

High and Low range

Toggle between the high and low temperature range. This is usually not needed.

How Live Control works, here and now

Live Control is Spapilot's feature for quick, temporary changes in real time. Spapilot responds instantly to your commands, perfect if you suddenly feel like an unplanned bath or want to adjust the temperature just for today.

Any change you make takes effect immediately. For example, if you change the temperature and press Update, Spapilot heats or cools the water to your new setting, but only for the time Instant Heating is on. As soon as it hits the target temperature, or you deactivate it, the Planner checks and resumes. Spapilot then automatically returns to the next schedule and settings in the Planner, so your spontaneous changes only apply right now.

When to use Live Control

- When you want to use the spa outside of your regular schedule.
- When you want to temporarily raise or lower the temperature.
- When you want to test different functions and see the results immediately.

IMPORTANT

IMPORTANT TO REMEMBER

Live Control is designed for temporary, spontaneous changes. For a more permanent change, such as adjusting the temperature or scheduled times going forward, always do this in the Planner and create a new schedule. Adjusting the temperature and activating instant heating can throw off your schedule and make the day less cost-effective.

Home Screen

When you open the Spapilot app, the home screen gives you a quick overview of everything important about your spa. Here is what each section means.

Overview, part 1

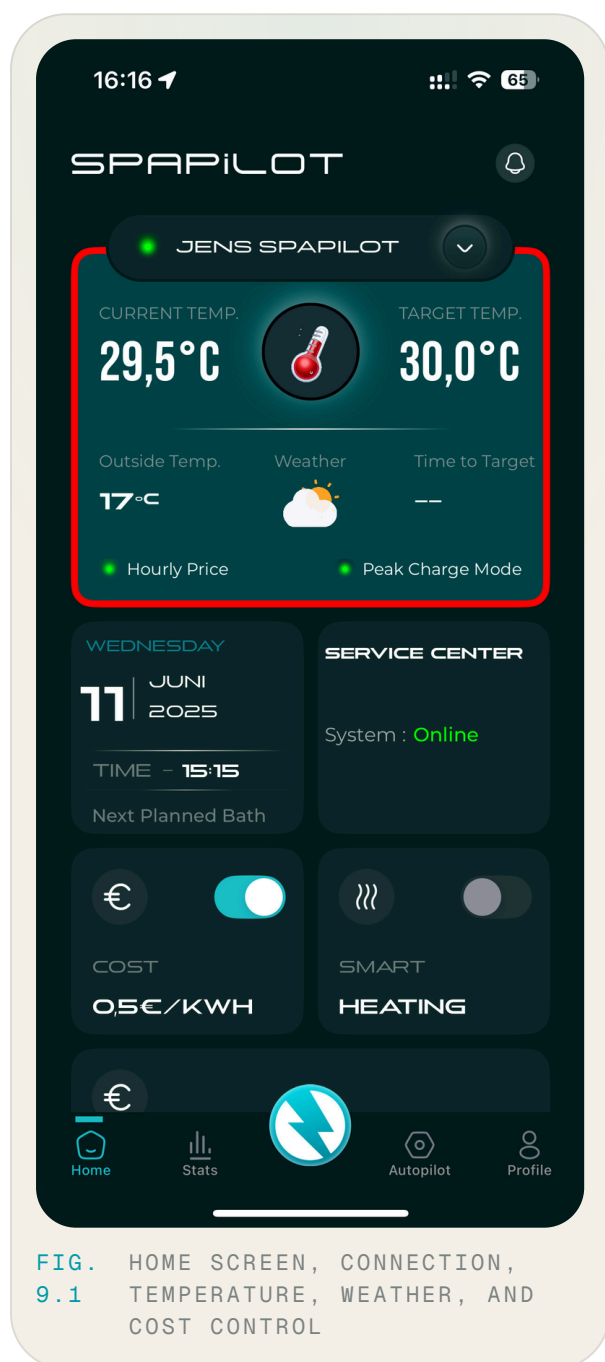


FIG. 9.1 HOME SCREEN, CONNECTION, TEMPERATURE, WEATHER, AND COST CONTROL

Connection

Shows whether you are connected to your Spapilot box. If you have multiple boxes on your account, you can switch between them here and check each one's status.

Current temperature

The present temperature in the spa.

Weather forecast

Tap to see the local weather forecast.

Subscription mode

Shows which subscription mode you have and whether it is currently active.

Upcoming bath

The Upcoming Bath module shows the next planned bath, depending on your active mode such as Planner Basic or Instant Heating.

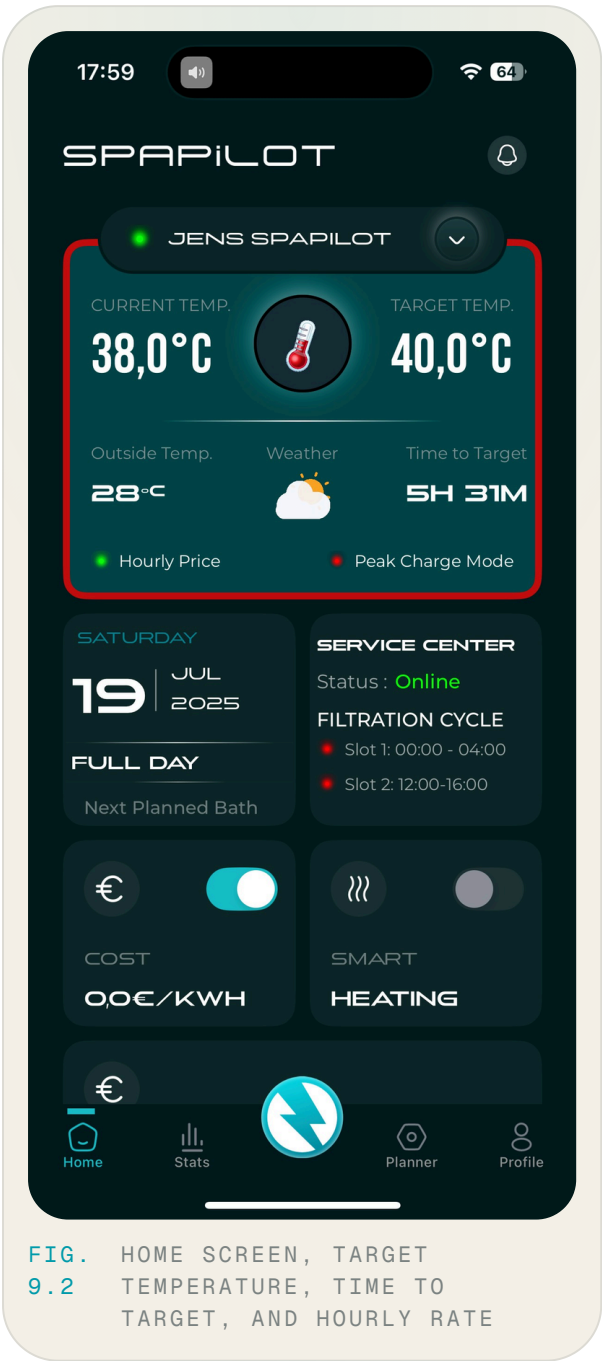
Cost Control module

From here you can configure all of your Cost Control settings.

Live Control toggle

Show or hide Live Control on the home screen.

Overview, part 2



Notifications

Your alerts and reminders from Spapilot.

Target temperature

The scheduled temperature Spapilot aims to reach for the next planned bath. If Instant Heating is active, it shows that target temperature during the activity.

Time to target

Based on the latest updated timeframe to reach the target set in the Planner for the next planned bath.

Peak Charge Mode

Shows whether Peak Charge Mode is active. You activate this in Cost Control.

System status

"Offline" means you are currently not connected to your device, because Wi-Fi is down or the signal is too low.

Filter cycles

Displays the configured filter cycles and whether they are currently active or inactive.

Smart Heating

COMING SOON

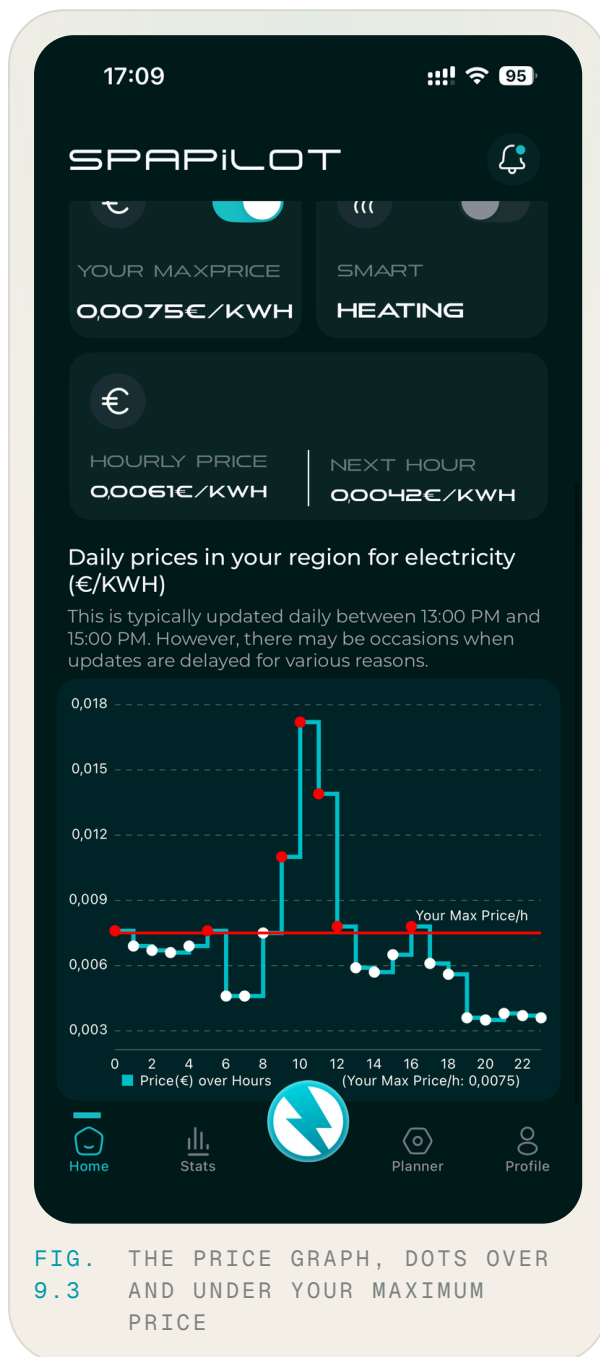
Smart Heating is under development.

Hourly rate

Displays the current hourly rate along with the upcoming charges.

Overview, part 3, the price graph

This graph gives a clear overview of available prices, showing your maximum cost and whether Spapilot is allowed to heat. If a line is missing, your maximum cost is either much higher or much lower than current prices. If all dots are red, your maximum cost limit is far below the day's price range. If they are all white, your limit is much higher.



Over your maximum price

Above your maximum price, so Spapilot does not heat.

Below your maximum price

At or below your maximum price, so Spapilot can heat.

Lightframe, status indicators

The Lightframe on the device communicates Spapilot's status at a glance, so you can quickly tell what it is doing without opening the app.



Orange

Spapilot has a schedule currently in progress. Heating is part of the plan and will be carried out in the near future. This helps you quickly tell that Spapilot's plans are being executed.



Pulsating red

Spapilot is heating, either according to schedule or because you activated instant heating.



Solid blue

Spapilot is allowing the temperature to drop. The water is currently too warm to follow the schedule, so it will keep decreasing until it reaches the right level or the minimum temperature is reached.

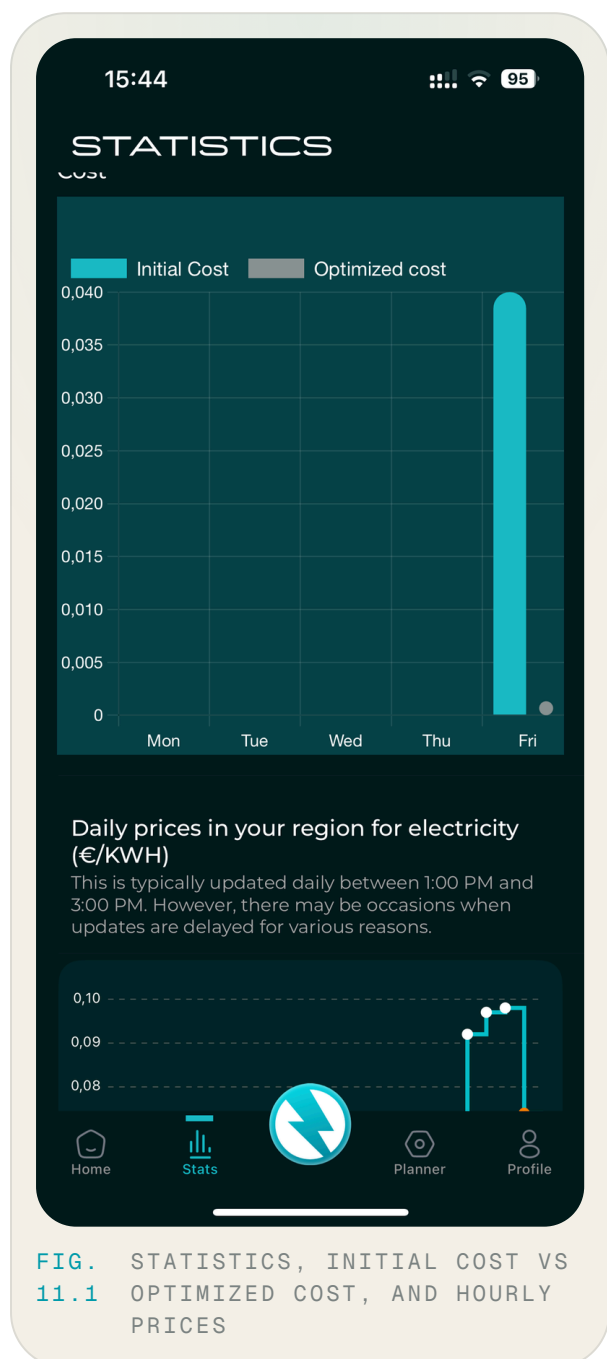


No color

Spapilot is inactive. There is no schedule in place, and no action is needed yet because the next planned bath is still far in the future.

Statistics, energy and cost

In the Statistics tab, you get a clear overview of how much energy your spa has used and what it has cost, based on your scheduled baths and Spapilot's optimization. This works with Planner Dynamic.



Top chart, cost overview

Initial Cost (light blue bar) shows the original estimated cost for each day, before Spapilot optimized the heating. **Optimized Cost** (gray bar) shows the actual cost after Spapilot optimized and chose the cheapest hours.

Lower chart, hourly electricity prices

A graph of the spot price in €/kWh for the next 24 hours in your region. Please note this is the pure spot price from the open electricity market. Taxes, VAT, and other fees are not included.

IMPORTANT

IMPORTANT TO REMEMBER

To get accurate figures, you must enter the power in kW of your spa's pumps and units, and the correct rates in Cost Control. If you did not do this during initial setup, go to **Profile > Device > Edit Device** and enter the correct values. You can usually find the power in kW on your spa's nameplate, in its manual, on the manufacturer's website, or by searching online. If you are unsure, contact us and we will be happy to help.

Statistics gives you full control over your energy use and costs, and helps you make smarter decisions, so you can always enjoy your spa in a climate-smart and cost-effective way.

Next Planned Bath

With Next Planned Bath, you get a clear overview of your next scheduled spa session directly in the app, both what you set when creating the schedule and how Spapilot plans to prepare your spa.

Your schedule at a glance

See exactly which time and temperature you chose when you created the schedule. This gives you confidence in what is planned and when your spa will be ready.

Spapilot's initial plan

Spapilot shows its first plan for how and when to heat your spa for the next session, based on your settings and current electricity prices.

Dynamic optimization

Spapilot does not just follow a fixed plan. It checks every hour for changes, such as electricity prices, your energy consumption, or other deviations. If anything changes, the heating plan is automatically adjusted in real time to optimize both cost and comfort.

See the real outcome

The initial plan is often updated several times before your bath. You can always follow both the original plan and the latest optimized plan directly in the app.

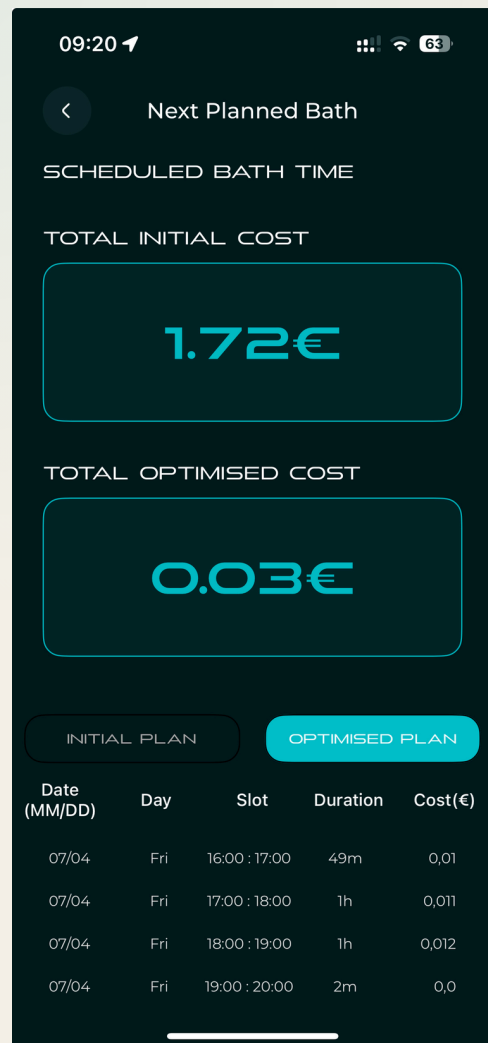
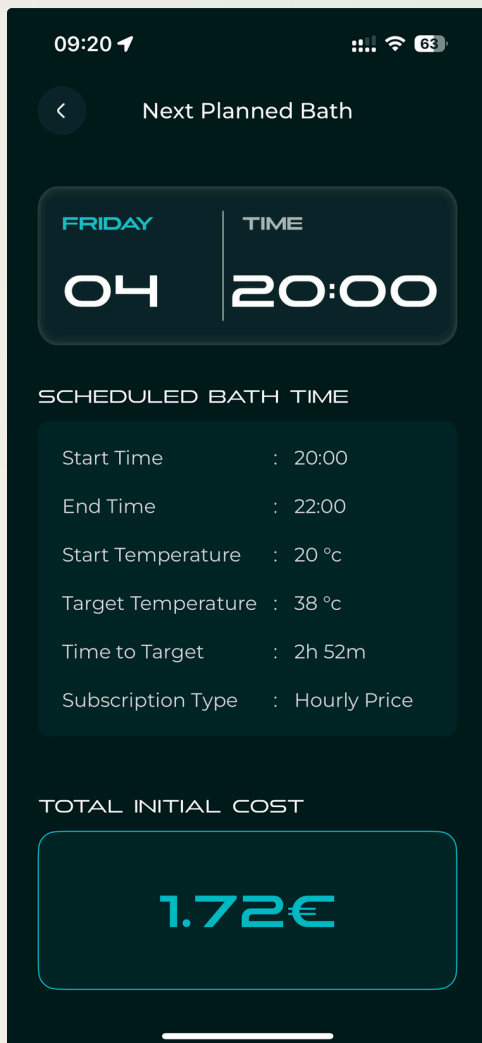


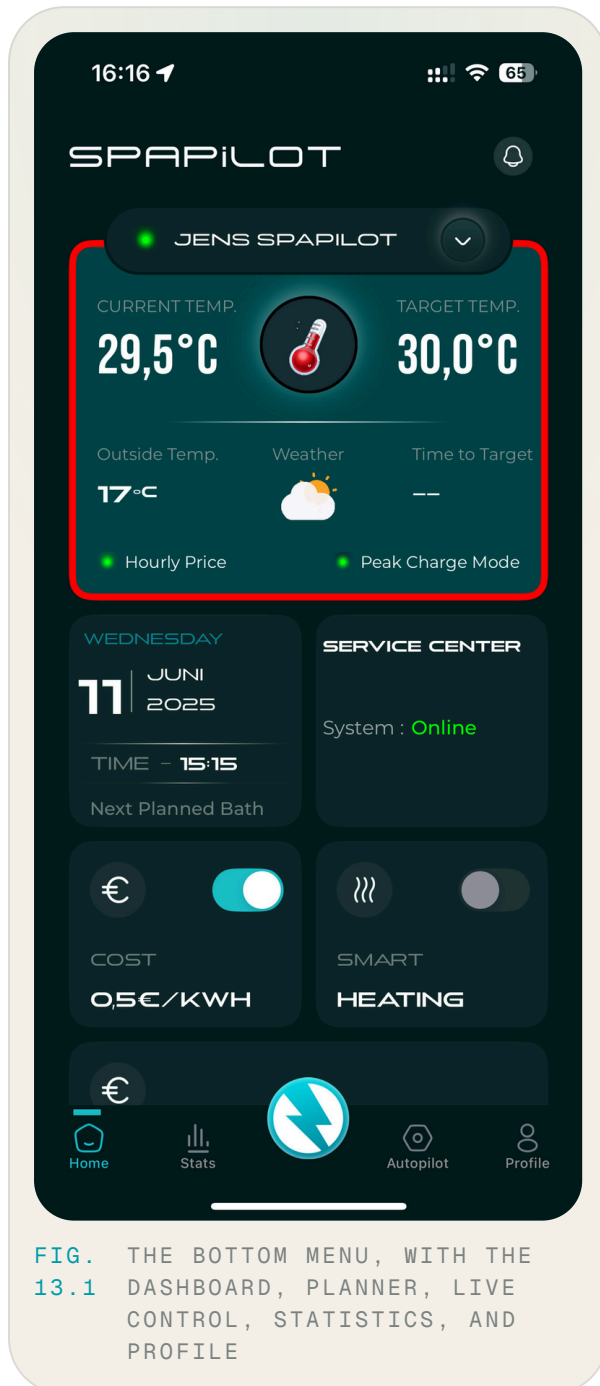
FIG. 12.1,
12.2

NEXT PLANNED BATH, SCHEDULED TIME, TEMPERATURES, AND TOTAL COST

- See when your next bath is scheduled.
- The temperatures set, and the time required to reach your target, are based entirely on the choices you made when scheduling.
- Total Initial Cost shows the first estimated cost to heat your spa according to your original plan.
- Total Optimized Cost shows the actual optimized cost, as Spapilot updates the plan in real time to find the cheapest hours.
- The table shows how heating is scheduled hour by hour. The Initial Plan is the starting point, while the Optimized Plan shows how Spapilot adjusted heating based on price changes and other factors.

App navigation, bottom menu

The bottom menu gives you quick access to the five main areas of the app.



Dashboard

Navigate back to the landing dashboard, your daily home screen.

Planner

Go to the Planner to set your schedule, pricing, and filtration.

Live Control

Access Live Control for immediate, spontaneous changes.

Statistics

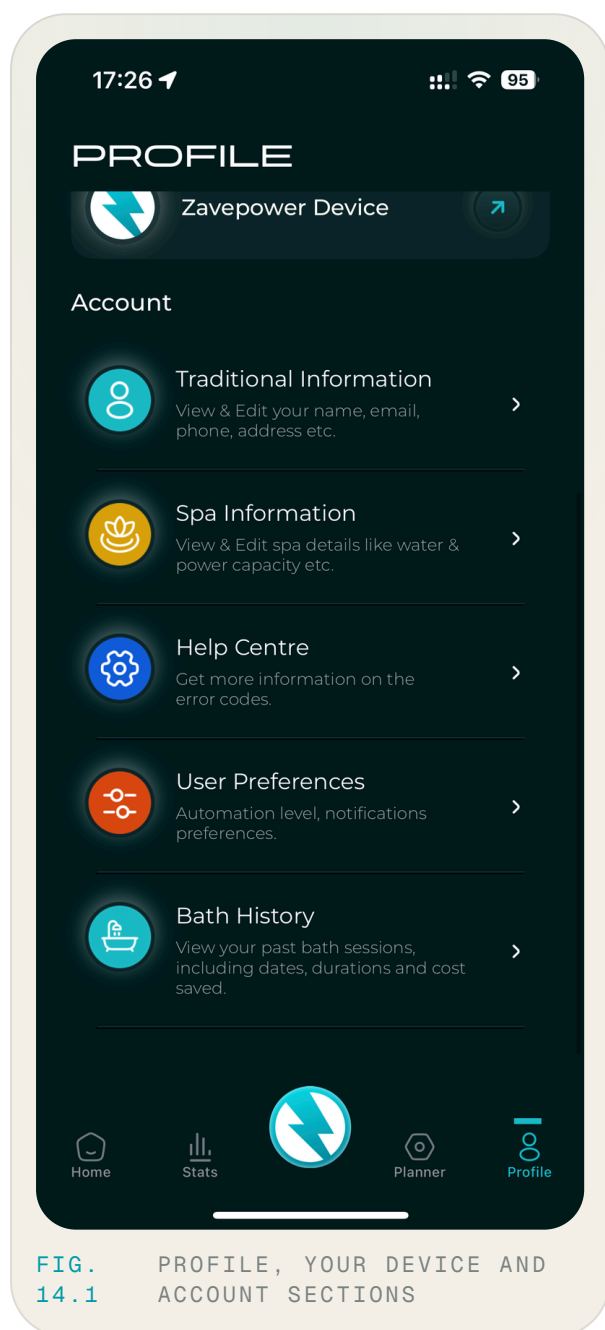
View your compiled statistics for energy use and cost.

Profile

Open Profile and settings for your account and device.

Profile, settings and information

The Profile tab is where you manage your account and important spa settings. Here is what each section means.



Device Information

See which Spapilot device is connected to your account. To view or change your spa's technical details, such as pump power or water volume, tap here and select Edit Device. Keeping this accurate ensures Spapilot calculates energy use and cost correctly.

Traditional Information

View and edit your personal information, such as name and email.

Spa Information

See and update the details about your spa.

Help Centre

Get help and more information about Spapilot, including explanations of error codes, guides, and FAQs.

User Preferences

Set your automation level, notification preferences, and other personal settings for how Spapilot works for you.

Bath History

Review your past spa sessions, including dates, durations, and costs.

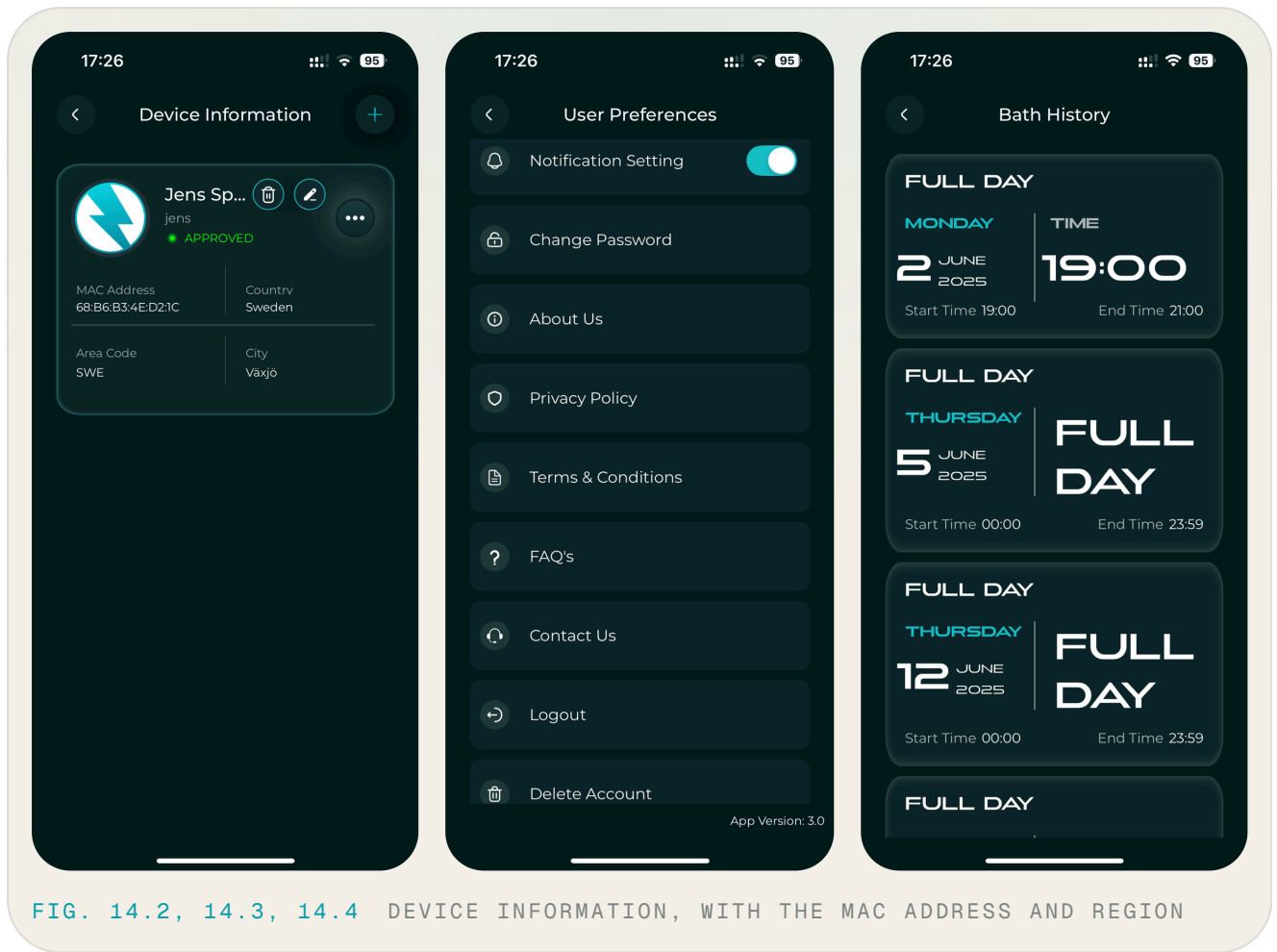


FIG. 14.2, 14.3, 14.4 DEVICE INFORMATION, WITH THE MAC ADDRESS AND REGION

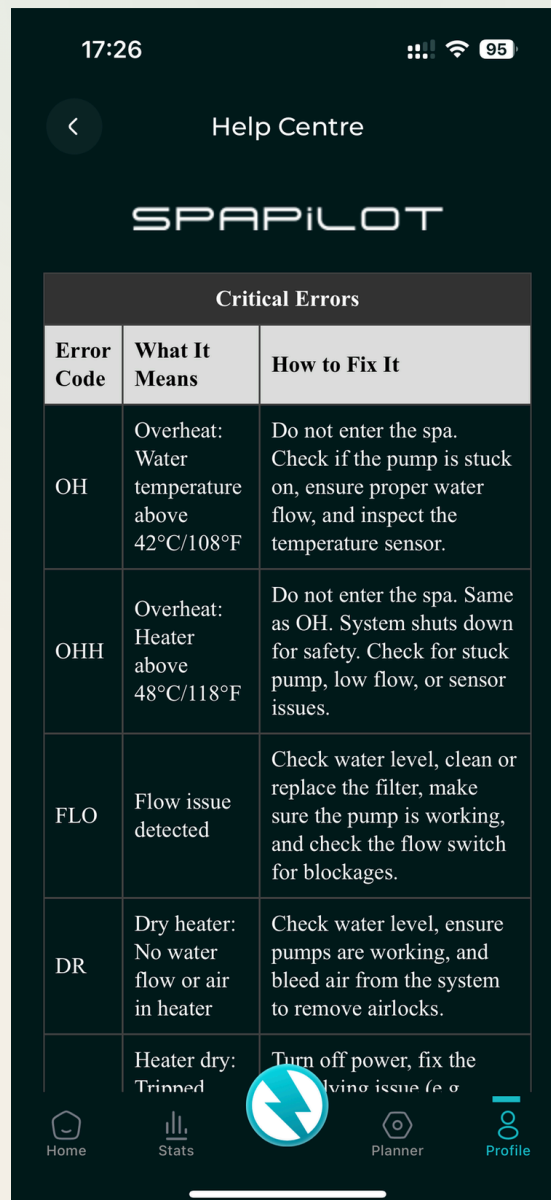


FIG. 14.5 HELP CENTRE, WITH ERROR CODE EXPLANATIONS

The Profile tab brings everything together so you can easily manage your details, optimize your spa, and get the most out of your Spapilot experience.

Advanced, choose your electricity plan

This section is intended for advanced users. Before entering your electricity price, select the type of plan you have. This helps Spapilot calculate your energy costs as accurately as possible.

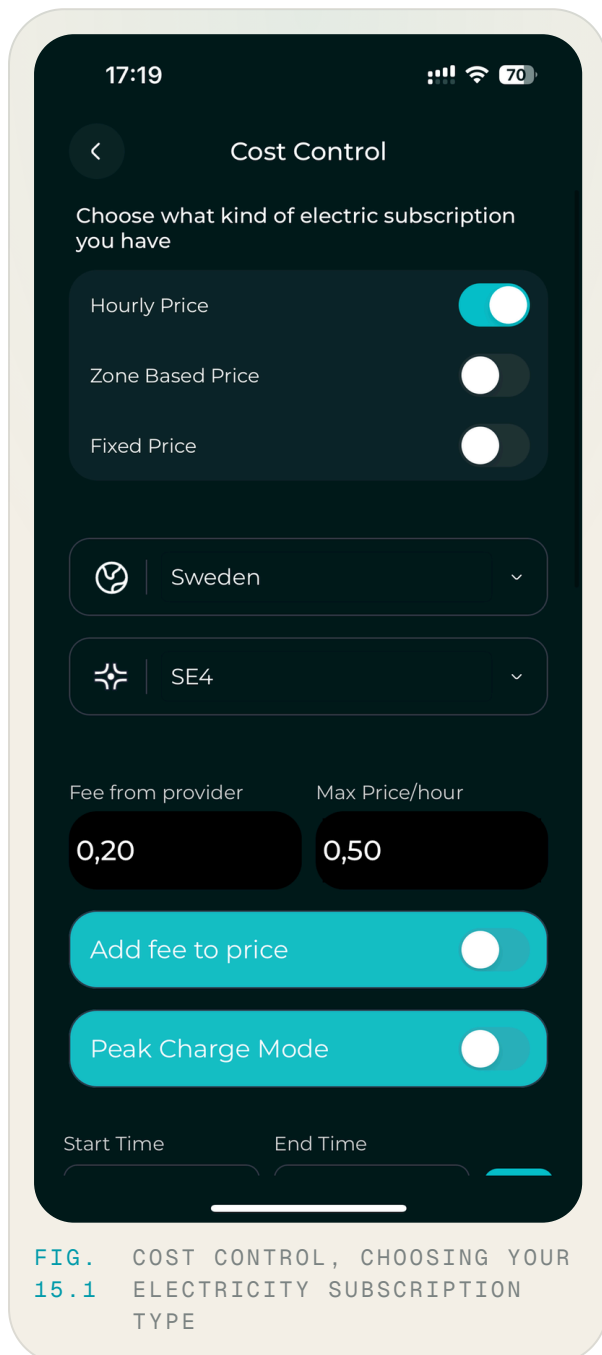


FIG. 15.1 COST CONTROL, CHOOSING YOUR ELECTRICITY SUBSCRIPTION TYPE

Fixed Price

The price per kWh is the same at all times, regardless of when you use electricity.

Hourly Price

The price per kWh changes every hour, following the electricity market. This is common with spot price contracts.

Zone-Based Price

The price is set by your geographical region or electricity zone. Prices may vary between different parts of the country.

Peak Charge

The price is higher during periods of high demand, for example mornings and evenings, and lower during off-peak hours.

Provider Fees

Some contracts include extra fees from your electricity provider. You can add these for more accurate cost tracking.

How to do it

In the Cost Control settings, choose the electricity plan that matches your contract. If you are not sure, check your electricity bill or ask your provider.

Why this matters

Once you choose your plan, the settings and options below adjust automatically to fit your choice. For example, with Zone-Based you can set different prices for different times of day. Choosing the right plan lets Spapilot give you more precise information about your actual energy costs and helps you save as much as possible.

Principles of Planner

These are the core settings inside the Planner, and one rule to remember when you change them.

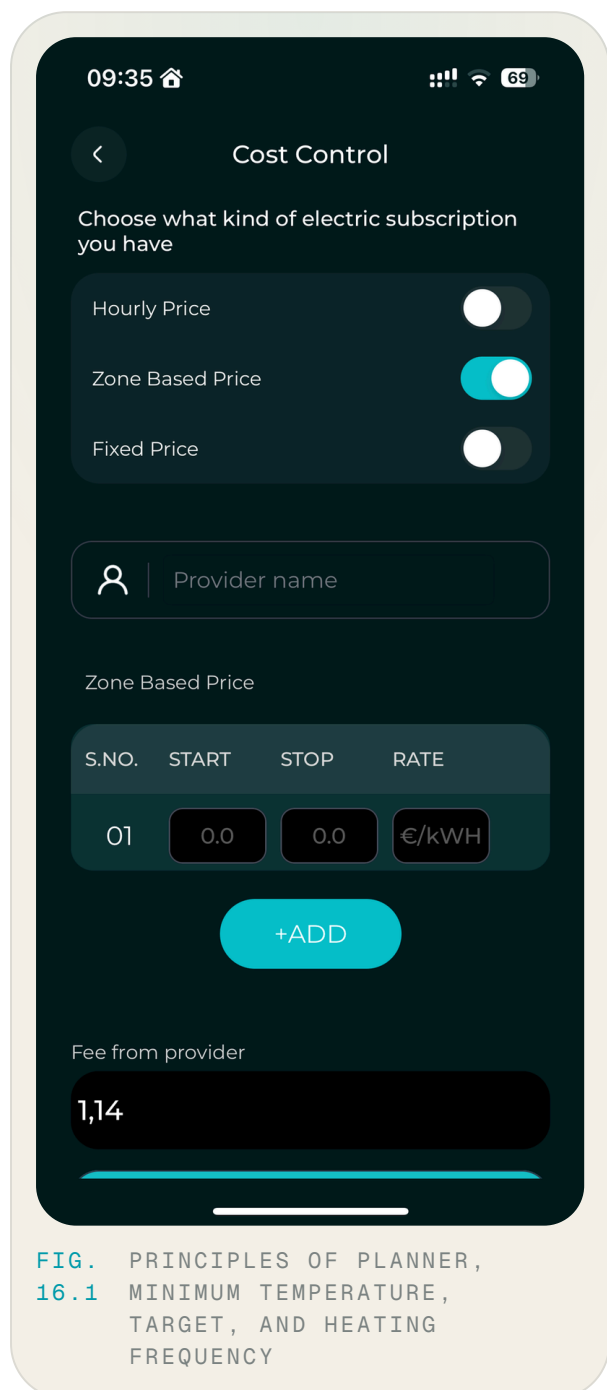


FIG. 16.1 PRINCIPLES OF PLANNER, MINIMUM TEMPERATURE, TARGET, AND HEATING FREQUENCY

01

Minimum temperature alert

Alerts you if the temperature drops below your set level. If the temperature goes under 10°C, the system activates automatically.

02

Target temperature

The temperature you want the Planner to aim for at every planned time, whether for the whole day or for specific times.

03

Heating frequency

Choose whether Spapilot should prioritize frequent heating or take an economical approach that heats less often.

04

Press Update

Once you have configured your settings, press Update so the Planner understands what adjustments to make.

IMPORTANT

REMOVE THE OLD SCHEDULE TO CHANGE IT

To adjust your schedule settings, repeat this step every time and remove the previous schedule first. If you want to change the maximum price or prices, update them under subscriptions as well.

Electricity plan details

Each electricity plan has its own settings and reasoning. Here is what to enter and why for each one.

Fixed Price

Enter your fixed electricity price per kWh, for example €0.15/kWh.

With a fixed price plan, you always pay the same rate per kWh, no matter the time of day or how much you use. The cost per kWh does not change, but there are other important aspects to consider.

- **Environment and sustainability.** Your focus shifts to how much electricity you actually use, since the price is always the same. Spapilot's smart scheduling and energy-saving features reduce your overall consumption, which is good for both the environment and your energy footprint.
- **Power protection.** Many fixed price contracts also include a power-based fee, where you can be charged extra for high power peaks. Spapilot's power protection helps you avoid these peaks by controlling when your spa heats, giving you better control over your total cost even when the kWh price is fixed.
- **Energy tracking.** Spapilot tracks the energy used for your planned and scheduled spa sessions, not for the entire time the spa is connected, for a clear and accurate picture of the times that matter most to you.

Hourly Price

- 01 **Select country and region.** Start by choosing your country. If your country has different electricity price zones, for example Sweden, also select your correct region. This ensures Spapilot fetches the right price data.
- 02 **Set your maximum price per kWh.** Decide and enter the highest price per kWh you are willing to pay over a 24-hour period. Spapilot uses this as a limit when planning the heating schedule.
- 03 **Add provider fee.** If your contract has a fixed provider fee per kW, add it here. You can choose whether this fee is included in the hourly prices. For example, with a fee of €0.05/kWh and the toggle on, Spapilot always adds €0.05/kWh to every price slot fetched each day, then checks whether the price is over or under your limit. Enter 0 if you do not know it or do not want it active.

How it works. Spapilot automatically fetches the current hourly prices for your region each day. Based on your maximum price and any provider fees, it creates a heating plan that only uses electricity during hours at or below your limit. This gives you the lowest possible cost for the day, without having to monitor the market yourself.

Zone-Based Price

Select and enter the fixed electricity price for each time zone during the day. For example:

- 06:00 to 12:00, €0.14/kWh
- 12:00 to 16:00, €0.18/kWh
- 16:00 to 21:00, €0.22/kWh
- 21:00 to 06:00, €0.12/kWh

These prices are fixed for each time block and usually do not change from day to day, or even for several months. With a zone-based plan, your provider charges a different fixed price per kWh depending on the time of day. By entering the correct price for each block, Spapilot calculates your costs with high accuracy and helps you plan your spa sessions for the most cost-effective times.

Peak Charge Mode, Power Subscription Protection

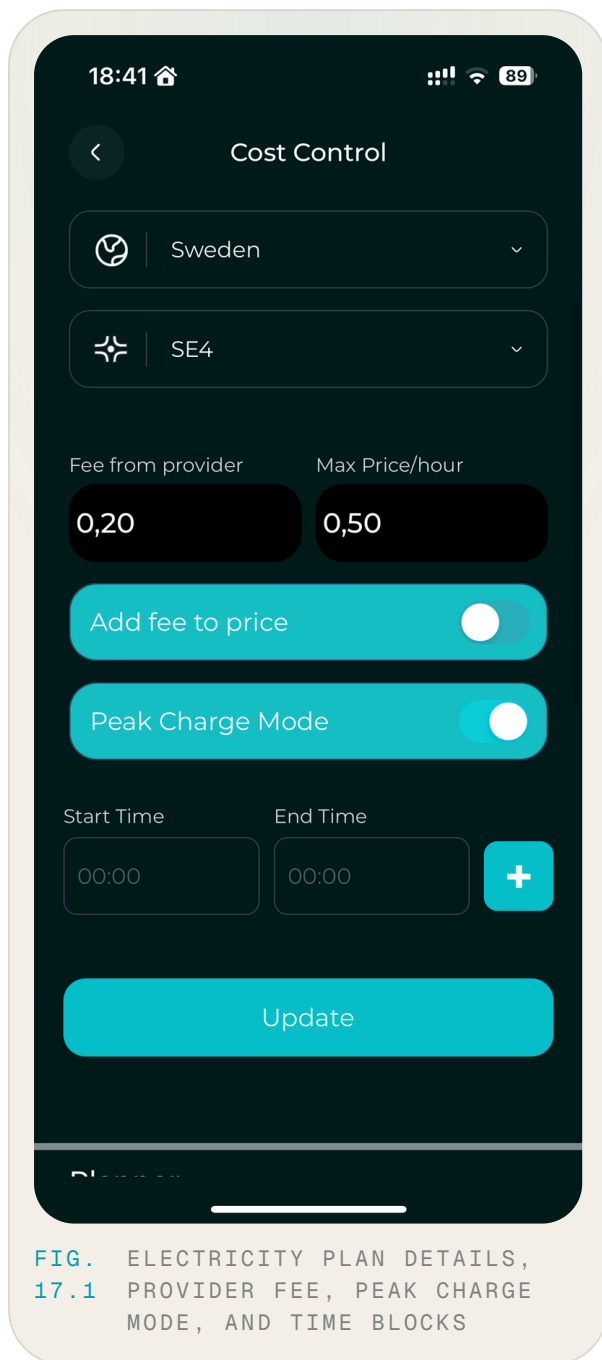


FIG. 17.1 ELECTRICITY PLAN DETAILS, PROVIDER FEE, PEAK CHARGE MODE, AND TIME BLOCKS

Peak Charge Mode helps you avoid high penalty fees. It is optional, but can be very valuable if your contract includes a fee based on your highest power consumption during certain hours.

How it works. By activating Peak Charge Mode, you define one or more time zones during the day, up to 12 hours in total, when your provider measures your highest usage and may charge penalty fees. Spapilot then automatically excludes these hours from its heating schedule, so your spa does not run during these times and does not contribute to higher peak usage.

Why this matters. Penalty fees for high power peaks can be much more expensive than the actual hourly electricity price, even when the price is low at that time. It is often more cost-effective to avoid these hours completely, even if you miss out on some of the cheapest electricity.

How to set it up

1. Activate Peak Charge Mode in the Spapilot app.
2. Select the hours when your provider measures your peak power, for example weekdays 07:00 to 19:00.
3. Spapilot excludes these hours from the heating plan, so the spa does not increase your peak demand.

TIP

TIP

You can set up to 12 hours per day. Check with your electricity provider exactly which hours are used for peak measurement, so you get the best possible protection and optimize your total cost.

How Planner works

The Planner is at the heart of Spapilot's smart control. You set up a schedule for when and how your spa should be ready, and Spapilot takes care of the rest, day after day. To get the most out of it, understand how it is designed to be used.

1. Planner is for long-term planning, not spontaneous changes

When you use the Planner, you create a rolling schedule where you decide which days and times you want to use your spa, what temperature you want, and the minimum temperature you accept. This schedule stays in effect until you actively remove it and add a new one, so you can relax and let Spapilot plan and optimize automatically.

2. All spa sessions follow the active schedule

Every time Spapilot prepares your spa, it follows the rules and settings that were active when you created the schedule. It heats to the target temperature you set, maintains your minimum temperature, and optimizes according to the cost limits and price settings active at creation. To change the rules for future sessions, remove the old schedule, update your settings, and create a new one. Changes to your settings do not affect schedules that already exist.

3. Planner is based on recurring times

The idea is a smooth, automated routine where your spa sessions recur according to a pattern you choose. That is why you create recurring times, not single spontaneous sessions, which lets Spapilot optimize energy use and always know when your spa should be ready.

4. Spontaneous changes are made via Live Control

For a temporary change, such as a spontaneous bath or a change for the moment, use Live Control with Instant Heating. This temporarily pauses the planned schedule and Spapilot acts immediately. The next day, it automatically returns to your Planner schedule.

5. How to make permanent changes

For a more permanent change, such as temperature or times, remove the old schedule, update your settings, and create a new schedule. This applies whether you want a constant 7-day schedule or a single occasion. Spapilot always follows the most recently active schedule.

The Planner flow

1

Schedule created

For example, every Sunday. You can choose weekly, every other week, or monthly.

2

Spapilot checks if it can start

Spapilot checks whether it can start the same week or not, depending on the target versus actual temperature and the time needed to reach the target. After this, it runs every week, or in your chosen sequence.

3

Initial schedule created

Spapilot creates the initial schedule to reach the next planned bath in the best way from the available data, including target temperature, minimum temperature, external factors, current prices, and price history.

4

Hourly monitoring

Spapilot monitors for changes every hour and adjusts as needed. For example, if electricity prices are significantly higher than expected and your maximum price does not apply during certain hours, Spapilot revises its plan each time it receives new hourly prices or other conditions change.

5

Bath-day notification

On the day of the scheduled bath, you receive a notification reminding you of the bath and what is needed to reach the target temperature. This lets you double-check that costs stay within acceptable limits. Spapilot will not heat if the price is higher than your maximum.

6

Post-bath evaluation

After the bath, the Planner evaluates the use of any massage pumps or other equipment, then adjusts the plan based on the actual amounts and costs. This gives you a clear understanding of the true cost of the bath, including both the journey to temperature and the duration.

7

Repeat

Spapilot then repeats the same procedure for the next planned bath.

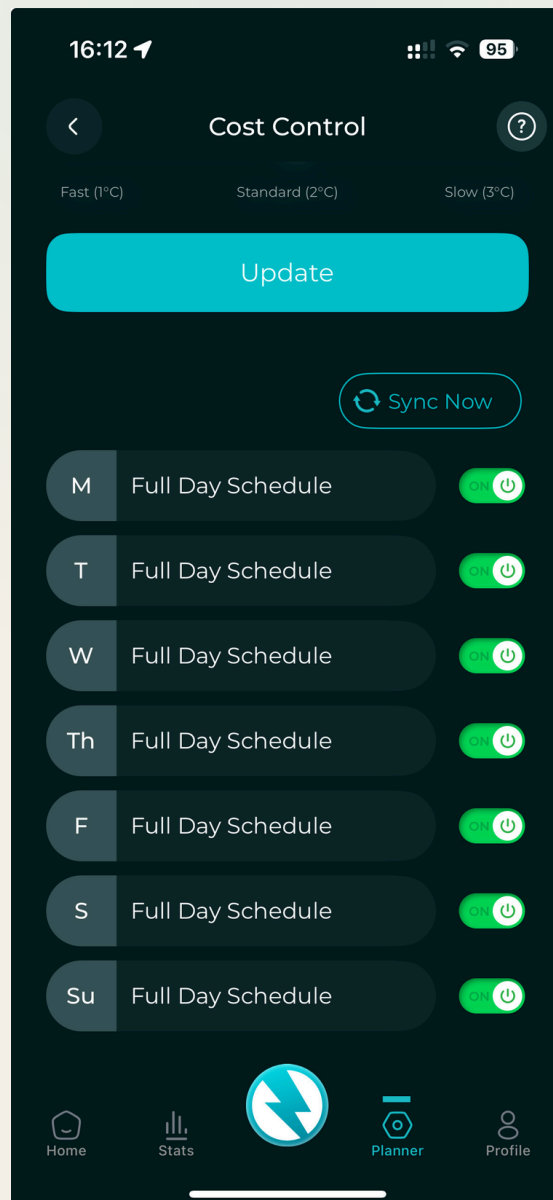


FIG. 18.1 SCHEDULE CREATED

Summary

- **Planner** is for long-term, recurring actions. Set rules for several days ahead for heating and functions.
- To make a permanent change, go to Cost Control, change the value, and save to update the system. It can sometimes take a moment before Spapilot is ready, so refresh by swiping down.
- **Live Control** is for spontaneous changes that only apply for the current day and do not change anything in Cost Control. Everything resets at midnight to your Cost Control values.
- Recurring times are the foundation. This is the core idea behind the Planner and lets Spapilot optimize over time.

NOTE

REMEMBER

Planning and consistency give you the best results and save the most energy and money. Spapilot is designed to work smart over time, so let the Planner do the work for you.

Planner vs. Live Control

Think of the Planner as your weekly schedule or calendar, where you decide in advance when and how you want your spa to be ready. Live Control is your remote for the moment, perfect for spontaneous changes right now.

An example to make it clear

In the Planner, you set your spa to always be 37°C every Friday evening. But on a Tuesday, you suddenly feel like a bath and use Live Control to raise the temperature to 39°C. Spapilot listens immediately and starts heating to 39°C, exactly as you want, right now. This change only applies for that Tuesday. The next day, Wednesday, Spapilot forgets your spontaneous change and goes back to your original plan of 37°C on Fridays.

IMPORTANT

IMPORTANT TO KNOW

A spontaneous change with Live Control can affect the next planned session in your Planner. For example, if your instant heating means Spapilot cannot reach the planned temperature in time for the next scheduled session, it may need to postpone or skip that session and wait for the next scheduled interval.

The Planner is for planned, recurring spa sessions. It keeps track of your routines and makes sure your spa is ready on your terms, week after week. Live Control with Instant Heating is for spontaneous actions, when you want to change something right away, just for now. Any change you make in Live Control is temporary and only applies for the rest of the day. The next day, Spapilot automatically returns to your planned schedule and settings.

TIP

TIP

If you want a planned session to go exactly as intended, avoid making big temperature changes with Live Control right before a scheduled session.

Reset Wi-Fi, Spapilot Reset Hotspot

If you need to reset your Spapilot box because it has lost access to your Wi-Fi, you can connect to the secondary reset Wi-Fi. The box has a secondary Wi-Fi hotspot to ensure consistent connectivity.

IMPORTANT **RESET HOTSPOT CREDENTIALS**

NETWORK	Spapilot Reset Hotspot
PASSWORD	Zavepwr21#&

01 Note the reset hotspot credentials

The Spapilot box features a secondary Wi-Fi hotspot with the SSID "Spapilot Reset Hotspot" and the password shown above.

02 Configure your phone's hotspot to match

Go to your phone's settings and configure your mobile hotspot to match these credentials. This is available in your internet sharing settings.

03 Reconnect in the app

Once configured, your phone connects to the Spapilot box automatically. After the connection is established, you can change the box's credentials as needed, so you can reconnect to Spapilot in the app.

Feature Flows and Requirements

Each Spapilot feature has a clear scope. Here is what every feature does, what it needs, what it measures, and what it does not.

Wi-Fi remote control

FUNCTION	Monitor and control the spa via your phone.
REQUIREMENTS	Spapilot connection, stable 2.4 GHz Wi-Fi, app installed.
MEASURES	Spa water temperature, heater and pump status, power consumption.
DOES NOT MEASURE	Water chemistry, water level, number of bathers.

Smart Heating (scheduled heating)

FUNCTION	Heats the spa in advance without wasting energy.
REQUIREMENTS	Correct schedule, accurate electricity price data, spa technical data.
MEASURES	Current temperature, power consumption, electricity prices.
DOES NOT MEASURE	Water chemistry, outdoor temperature.

Planner (long-term scheduling)

FUNCTION	Set recurring spa readiness times and temperatures.
REQUIREMENTS	Active schedule, accurate spa and electricity data.
MEASURES	Temperature, power consumption for sessions.
DOES NOT MEASURE	Water chemistry, lighting and jets.

Live Control (instant changes)

FUNCTION	Immediate changes for spontaneous use.
REQUIREMENTS	Active Spapilot connection, correct spa data.
MEASURES	Temperature, power consumption during changes.
DOES NOT MEASURE	Long-term changes.

Cost Control and energy optimization

FUNCTION	Optimizes heating based on electricity prices.
REQUIREMENTS	Electricity price data, maximum price set, technical data entered.
MEASURES	Power consumption, cost per session, hourly electricity price.
DOES NOT MEASURE	Taxes or extra fees.

Peak Charge Mode (peak demand protection)

FUNCTION	Avoids heater use during peak hours.
REQUIREMENTS	Feature activated, correct peak intervals entered.
MEASURES	Heater activity, power consumption.
DOES NOT MEASURE	Actual peak charge.

Energy and cost statistics

FUNCTION	Shows historical energy use and costs.
REQUIREMENTS	Correct spa data, scheduled sessions run.
MEASURES	Power consumption, cost per session.
DOES NOT MEASURE	Total yearly cost, water chemistry.

What Spapilot never measures or controls

- Water chemistry (pH, chlorine, ORP)
- Water level
- Number of bathers
- Chemical dosing
- Solar panel integration

COMING SOON

The most common questions about Spapilot, answered.

How does the Planner work and why should I use it?

The Planner is your long-term spa scheduling tool. You decide when and how warm you want your spa to be, and Spapilot automatically follows your schedule and optimizes heating for maximum comfort and minimum cost. For permanent changes, 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 always see the date, time, and temperature for your next session, along with Spapilot's original and optimized plan and the cost calculations.

How does energy tracking and statistics work?

In the Statistics tab, you get a clear overview of your total energy consumption and cost for all scheduled sessions. You 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. For Spapilot to calculate your consumption and costs correctly, enter the pump power and capacity in kW. You can 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 the hours when your 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?

Open the Help Centre in the app for guides and troubleshooting, or contact our support. We are happy to help.

Can I use Spapilot with any spa?

Spapilot is compatible with most modern spas. For specific compatibility, 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 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 am 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, contact our support team and we will help you with the update process.

What happens if my Wi-Fi connection is lost?

Spapilot continues to follow your last set schedule, but you cannot 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. 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.

How does Smart Heating work?

Smart Heating automatically adjusts the heating schedule to match your planned bath times and optimize energy use based on your settings and electricity prices.

What should I do if my calculated consumption or costs seem wrong?

Double-check that you entered the correct power in kW for all pumps and devices under Profile > Device > Edit Device. If you need help, contact our support.

Will Spapilot receive new features in the future?

Yes. Spapilot is constantly being improved, and new features and updates are delivered automatically through the app.

Thank you from the CEO

A NOTE FROM THE CEO

Thank you for choosing Spapilot

As the CEO of Zavepower, I would like to extend a heartfelt thank you, on behalf of our entire dedicated team, for choosing Spapilot.

We are proud to be part of your spa experience and hope you will enjoy our solution, both now and in the future.

We are constantly working to develop and improve Spapilot, to make your spa life even easier, smarter, and more sustainable.

Please never hesitate to reach out if you have questions, thoughts, or feedback. We are always here to support you.

Warm regards,

Pierre Tauberman, CEO

and the entire Zavepower team

Warranty and Support

Everything you need to know about your Spapilot warranty, support, environmental commitment, and certifications.

Warranty terms

Spapilot comes with a standard 24-month warranty. If you purchased the product through an authorized reseller, a 5-year warranty applies. The warranty covers manufacturing defects and operational issues under normal use. To make a warranty claim, contact our support team with your proof of purchase and the product's serial number.

Software warranty

The Spapilot software, including the mobile app and device firmware, is provided "as is" and is covered by a limited warranty. Zavepower guarantees that the software will function as described in the official documentation at the time of delivery. Zavepower is not responsible for issues caused by third-party software, operating system updates, or user modifications. Regular updates are provided to improve performance and security, but uninterrupted or error-free operation cannot be guaranteed.

Support and contact

Need help? Our support team is here for you.

EMAIL

support@zavepower.com

FAQ AND GUIDES

www.zavepower.com

Environment and recycling

At Zavepower, we care about the environment. Spapilot is designed to reduce heating costs by up to 80% and lower CO₂ emissions. When your product reaches end of life, please dispose of it at your nearest electronics recycling facility. Always follow local recycling guidelines.

Safety certificates and approvals

Spapilot is CE marked and RoHS compliant, meeting European safety and environmental standards. For more information about certifications, visit our website or contact our support team.

Contact Directory

How to reach us for support, sales, reseller partnerships, and documentation.

GENERAL INQUIRIES AND SUPPORT

Zavepower Innovative Technology AB

Website: www.zavepower.com

Email: support@zavepower.com

SALES AND RESELLER PARTNERSHIPS

Email: retail@zavepower.com

AUTHORIZED RESELLERS

For a list of current authorized resellers, visit www.zavepower.com/resellers

PRODUCT DOCUMENTATION AND UPDATES

Latest manuals, guides, and updates: www.zavepower.com/contactus

NOTE

GEN 1 BETA

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. We encourage all users to provide feedback, as your insights are invaluable in helping us refine and enhance the Spapilot experience. Our comprehensive product documentation is readily available online, so you always have access to the latest updates and solutions. Thank you for being 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 the Gecko YE-3 and YE-5 is solely to clarify technical compatibility.

SUPPORT AND CONTACT

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www.zavepower.com

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