

Performance you can feel

Uponor Smatrix Wave Flow





Room temperature control systems

Comfort that keeps up

Heat pumps are rapidly replacing gas boilers across Europe, but most underfloor heating and cooling controls were not designed with them in mind. The result? Rooms that don't feel quite right, energy that goes to waste, more effort and higher cost for maintenance.

Turning challenges into comfort

Few things shape daily life at home like the right temperature. Underfloor heating delivers warmth evenly across every room, with no radiators, no draughts, and no cold corners. In summer, the same floor can gently cool your home. And yet even the best heating and cooling is only as good as the system that controls it.

That system now faces new demands. Heat pumps run best with steady, low-temperature operation, and they behave differently from the gas boilers they replace. Many can also cool your home when summers get warmer. Most control systems on the market were designed before this shift, and they were never tuned for the way a heat pump works.

Homes change too. A new wooden floor, a bedroom that becomes an office, a sunny afternoon in early spring, or a summer heatwave: each one changes how a room holds its temperature. A static system cannot keep up, and comfort slowly drifts away from what you set.

Energy you can see

At the same time, energy use has never been more visible. Every wasted degree shows up on the bill, in winter and in summer, and homeowners rightly expect their heating and cooling to spend energy carefully.

The good news: room temperature control has caught up. A new generation of intelligent systems manages all of this quietly in the background, adapting to your home, the season, and your heat pump.

One system, all seasons

Smatrix Pulse set the standard for intelligent underfloor heating and cooling control. Smatrix Flow raises it: smarter integration, greater flexibility, and easy scalability.



A complete room-by-room temperature control system
Smatrix Flow Wave manages the temperature of every room individually, through underfloor heating and cooling. Wireless thermostats sense each room, the controller at the manifold directs heating or cooling exactly where it is needed, and the Smatrix Flow App puts it all in your hand. The system works with any heat source and is ready for heat pumps from day one.

Evolved, not replaced
Flow is built on proven Smatrix technology, refined through more than ten thousand systems in homes across Europe. It works with every existing Smatrix thermostat. Everything familiar stays. Everything important got better.

The 1st
true full-radio underfloor heating and cooling control system on the market.

100%
compatible with every existing Smatrix thermostat.*

*Thermostats running firmware earlier than version 9 operate normally, with minor differences in app icon display and clock synchronization. Full functionality is unaffected.

Benefits

Performance you can feel

Smatrix Flow brings intelligent temperature control to daily life: steady comfort, lower energy use, and convenience with an easy-to-use app.



What Uponor Smatrix Flow delivers at home

Comfort

- Autobalancing keeps every room evenly warm and adapts as your home changes
- High-precision control holds each room at exactly the temperature you set
- Fireplace friendly: enjoy the fire, and the system saves energy bringing the room back to comfort afterwards
- Smatrix AI anticipates sunny days to prevent overheated rooms, ideal for large windows*

Savings

- Smatrix AI learns your home and the local weather, saving at least 10% energy*
- Room-by-room trends shown in the app, so you know where to adjust



Effortless comfort

Autobalancing continuously adjusts the water flow to every room, and precise control holds the temperature you set. Proven Smatrix technology, refined in Flow.



Smarter energy use

Smatrix AI works in tune with compatible heat pumps, learns how your home responds to weather, and delivers at least 10% energy savings.



Everything in one app

The new Smatrix Flow App puts temperatures, schedules, and energy trends in your hand, at home or away.



Fits any home

Wireless components keep walls clean and installation quick, in new builds and renovations alike. Adding an extra room has never been easier. Smatrix Flow grows with your plans.



Keep what you have

Flow works with existing Smatrix thermostats. Upgrading is simple, nothing you own goes to waste, and the comfort you know carries on.



Built to be trusted

Automatic software updates keep the system current, certified security protects your data, and fallback mode prevents the rooms from cooling down, thereby avoiding frost damage.

Control

- One app for everything: temperatures, schedules, and settings, at home or away
- Comfort and eco modes with simple home and away scheduling
- Voice control with Alexa and Google, plus an open connection to your smart home
- Invite your trusted installer for remote support, on your terms
- Automatic software updates keep the system current
- Robust, stable, and secure connection for reliable control wherever you are

Peace of mind

- Grows with your plans: Adding an extra room has never been easier, renovations included

*Applies only when paired with a heat pump installation.

Features

Designed around you

Every generation of Smatrix learns from the last. These are the improvements you will notice at home, day after day.



Designed to disappear

A matt finish, an engraved logo, and an antenna that stays out of sight. Smatrix Flow hardware blends into your home instead of demanding attention.



A light that speaks

One round multicolor LED shows the system status at a glance. The most important ones are: green for heating, blue for cooling.



In tune with your heat pump

Smatrix Flow prevents short cycling and keeps water flowing gently and steadily, so your heat pump runs smoothly, lasts longer, and uses less energy.



Alerts when it matters

If the system needs your attention, the Smatrix Flow App tells you with a push notification. No surprises, no guesswork.



Never left cold

Forgot to replace thermostat batteries? Fallback mode, on by default, keeps the room warm until you do.



Holiday mode

Tell the system you are away and it saves energy while you travel, then welcomes you back to a warm home.

Design

- Matt finish with engraved logo and a single round LED
- Invisible or moveable antenna for perfect radio coverage
- Communication Module works on the wall or on a stand, so it fits naturally into your home

Energy saving

- Designed for heat pumps, thus prevents short cycling for efficient, gentle operation
- Smooth actuator activation keeps water flows steady
- Bypass zone, set up by your installer, ensures a constant minimal flow
- Holiday mode saves energy while you are away

Everyday function

- Change room setpoints via the app from anywhere or directly at the thermostat in the room
- Switch between heating and cooling seasons directly from the Smatrix T-267 thermostat
- Smatrix Flow is built on proven Smatrix technology, refined through more than ten thousand systems in homes across Europe

Quality and peace of mind

- Push notifications alert you if the system needs attention
- Fallback mode prevents the rooms from cooling down, thereby avoiding frost damage
- Cooling without worry: humidity shut-off with a condensation sensor

Upgrading from Smatrix Pulse

Evolved, not replaced

Smatrix Flow works with existing Smatrix thermostats and carries forward the comfort you already trust. Upgrade the intelligence, keep everything else.

The best products do not start over. Smatrix Flow is the new generation of the Smatrix control system, a tried-and-tested solution that has proven its worth in more than ten thousand domestic systems across Europe for many years. Every lesson learned lives on in Smatrix Flow. And if your home already runs on Smatrix, the upgrade is refreshingly simple.



Quick to respond

Smatrix thermostats measure each room with high precision and act the moment conditions change. No sluggish warm-ups, no overshooting: the temperature you set is reached and held.



Adapts to your life

From workroom to playroom, from tiles to a new wooden floor: Autobalancing continuously monitors every heating circuit and adjusts to how you actually live, without recalculations or an installer visit.



Comfort for everyone

Warm at seven in the morning, pleasantly cool for sleeping? Each member of your household can set a personal comfort zone to match their day.



Connected comfort

Smatrix Flow also manages ceiling cooling and electric underfloor heating, so one system covers your comfort from floor to ceiling, season by season.



Keep your thermostats

Flow works with the complete existing Smatrix thermostat range. Your walls stay untouched, your devices keep working, and nothing you own goes to waste.



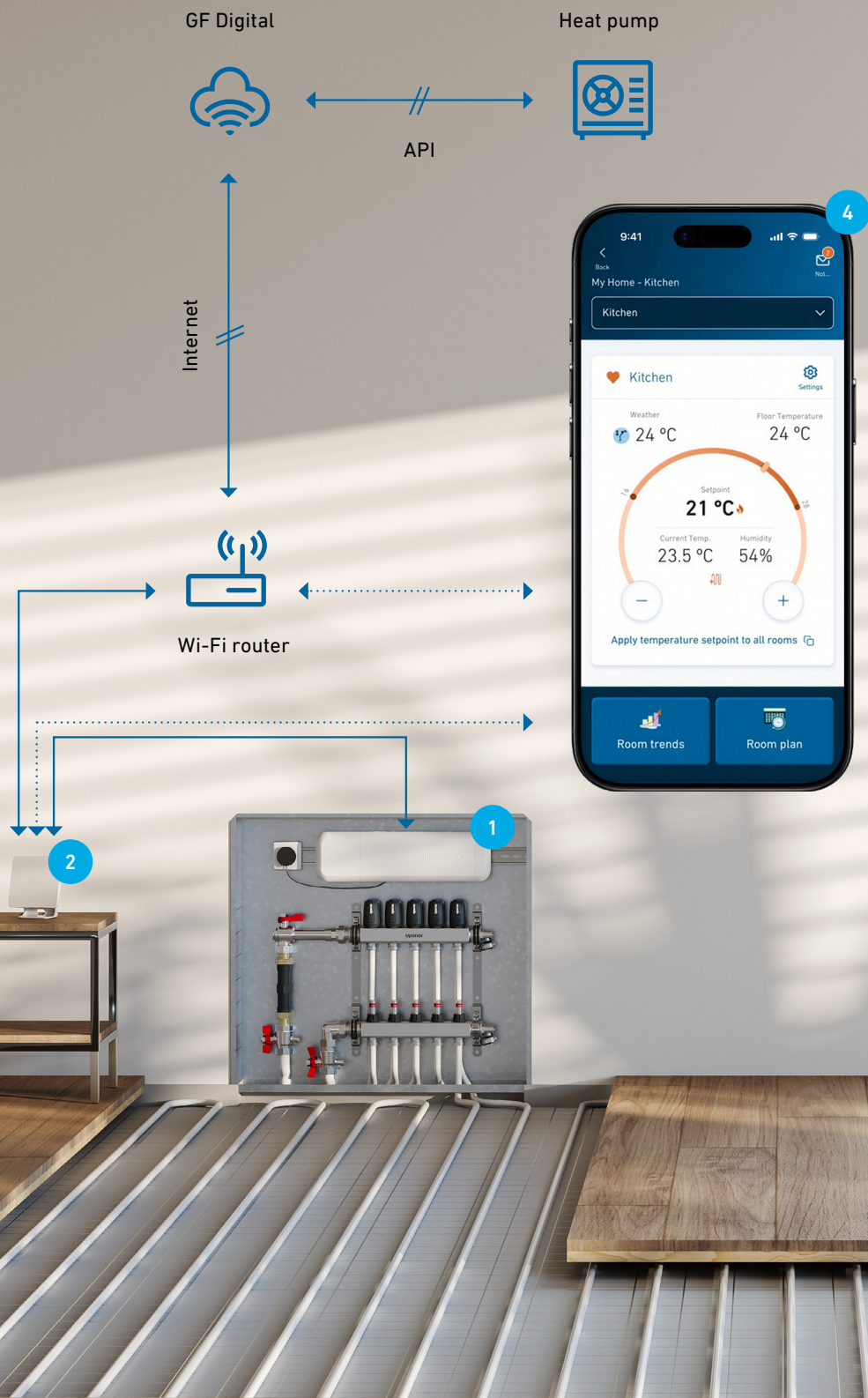
Always current

Automatic over-the-air updates install in minutes, so your system keeps improving after the installer leaves.*

*Requires communication module and internet connection.

Heating and cooling in harmony

Your thermostats, controller, and app stay in constant contact, with no cables between components. This is how comfort happens quietly in the background.



1. The Controller

Physical hub installed alongside the manifold. It manages up to 8 room thermostats and 10 actuators (the valves that open and close to let water flow through each floor loop). It includes the Autobalancing technology that continuously regulates each circuit. An expansion module (not shown in the picture) is available to connect more thermostats and actuators.

2. The Communication Module

A small device that connects the controller to the home Wi-Fi and then to the GF Digital. This is what makes remote control, app access, and cloud features possible.

3. The Thermostats (Sensors)

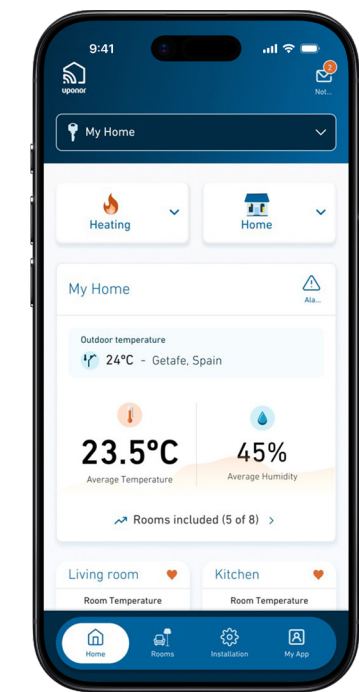
Wall-mounted devices in each room that inform the controller on temperature or relative humidity measured.

4. The Smatrix Flow App

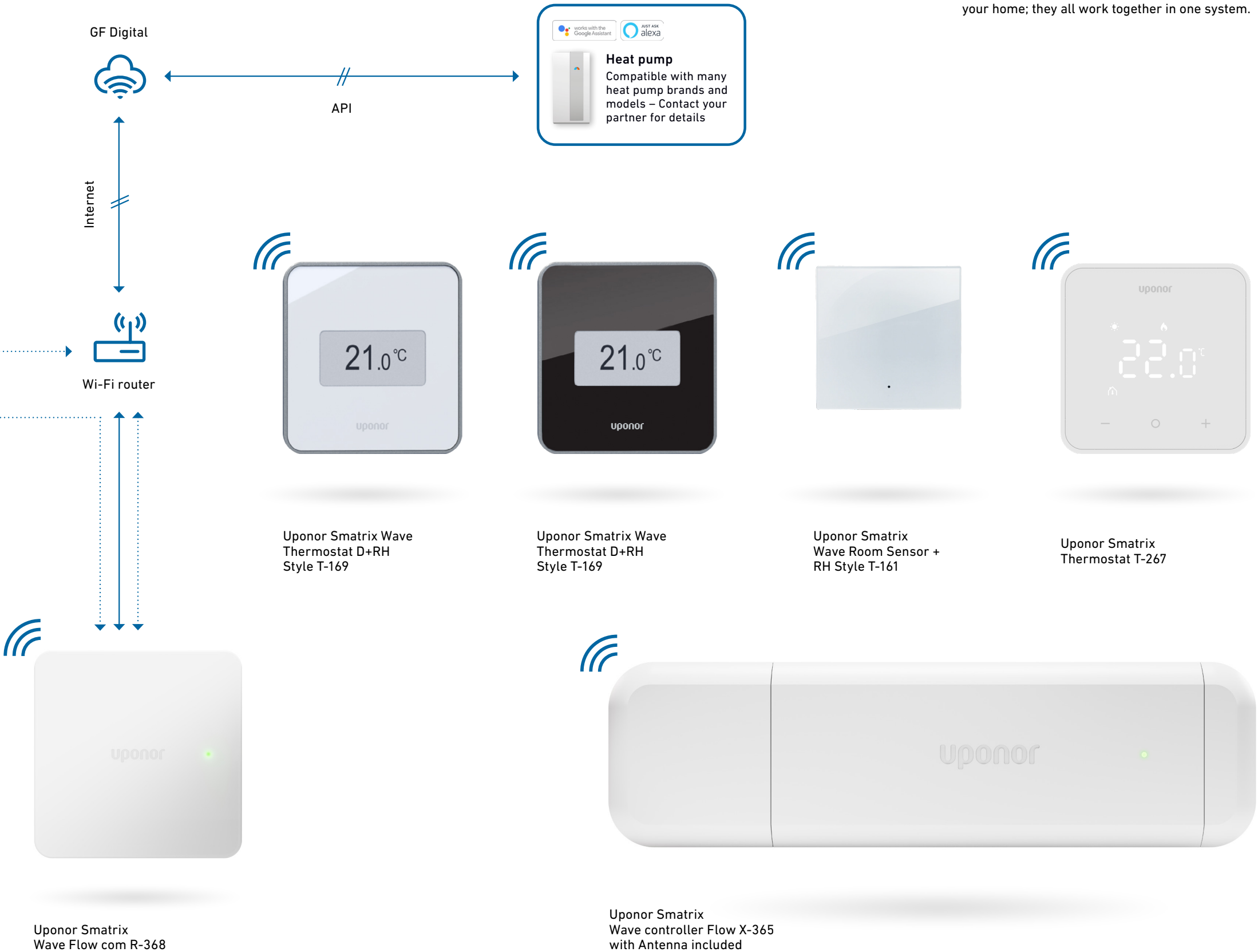
The user interface. Manages everything from initial installation (with a step-by-step wizard) to daily temperature adjustments from anywhere. Also connects to Alexa, Google Home and to connected heat pumps for Smatrix AI.

Designed to work as one

From the controller at your manifold to the thermostat on your wall.



Uponor Smatrix Flow App



A thermostat for every room and taste

Every room is different, and so is every wall. Choose the thermostat that fits: a classic dial, a digital display, or the slim Style design in white or black. Mix them freely across your home; they all work together in one system.

Specification

Meet the hardware

Three components, each refined in every detail: a matt finish, an engraved logo, and one round light that tells you everything you need to know.



Controller

The quiet brain of the system

Installed at the manifold, usually out of sight, the controller directs warmth and cool comfort to every room individually. Autobalancing works inside it around the clock, and one round multicolor LED tells you the system status at a glance.

Features

- Controls every room individually, and grows with your home
- Multicolor LED: green for heating, blue for cooling
- Fallback mode prevents the rooms from cooling down, thereby avoiding frost damage
- Matt finish with engraved logo
- An expansion module is available to connect more thermostats and actuators



Communication module

Your connection to comfort

The Communication Module links your system to the Smatrix Flow App and GF Digital. Place it wherever suits you best: near your router, on the wall or free-standing on its table mount.

Features

- Connects via Wi-Fi or Ethernet
- Table or wall mounting, always close to your router
- Receives automatic software updates for the whole system
- Designed to comply with the EU Cyber Resilience Act



Thermostat T-267

Comfort at your fingertips

This thermostat combines a clear display with precise sensing. It measures temperature and humidity, and when the seasons turn, it switches the whole system between heating and cooling.

Features

- Clear display, readable at a glance
- Built-in humidity sensor
- Seasonal changeover between heating and cooling
- Fully wireless and battery powered
- Works alongside every other Smatrix thermostat in your home

Smatrix Flow is compatible with T-161, T-162, T-163, T-165, T-166, T-168, T-169, and T-267.



reddot winner 2026

Intuitive control

Set temperatures, create schedules, and check energy trends from anywhere. The new Smatrix Flow App makes daily control effortless, at home or away.

Your whole home, one screen

Comfort and eco modes, home and away schedules, and a holiday setting for longer trips: the app puts every daily decision in one place, designed to be understood in seconds.



Clear by design

The redesigned interface makes daily use simple: adjust a room, set a schedule, and see your whole home at a glance.



Anywhere access

Full control from wherever you are, through a secure cloud connection. At home, the app even works without an internet connection.



Know where energy goes

Room-by-room trends are displayed, so you know where to adjust, fine-tune setpoints and save where it counts.



Your installer, one tap away

Invite your trusted installer to check settings or diagnose remotely, on your terms. Help arrives without a home visit.



Download
Discover intelligent climate control for your home with the new Smatrix Flow App, available for iOS and Android.

Available on the App Store and Google Play.



More comfort, less energy

The technology that makes Smatrix Flow the smartest system in the room. Autobalancing delivers consistent comfort without you ever thinking about it, and that invisibility is the point.

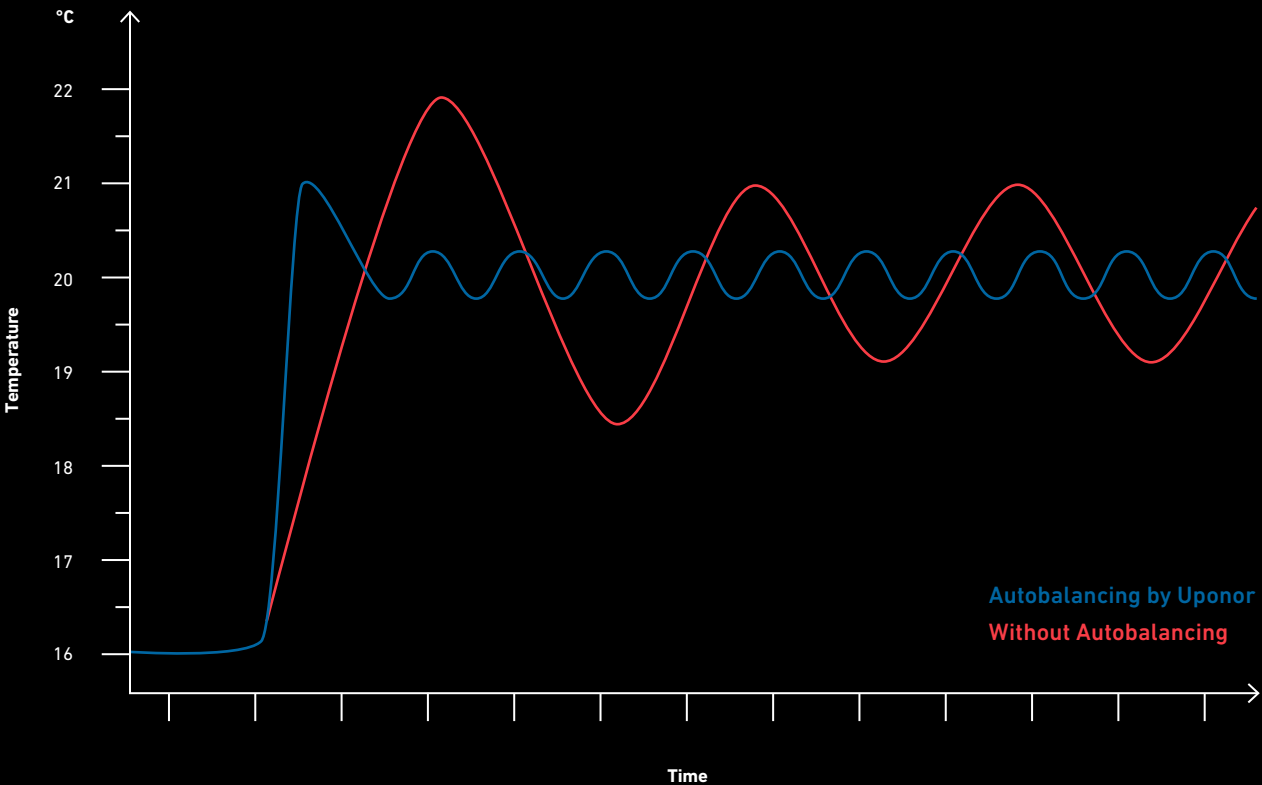
The end of manual balancing

Traditional underfloor heating relies on manual hydraulic balancing: a one-time calibration when the system is installed. The problem: it only reflects that moment. Change the floor covering, repurpose a room, or simply live differently across the seasons, and the balance is off.

Balance that never stops

Autobalancing removes this entirely. The system monitors every heating circuit and adjusts the water flow to each loop in real time, with no recalculations and no installer visits. It responds automatically to new flooring, different room use, and changing daily patterns. The result is measurable: more even floor temperatures, faster response times, and lower energy consumption than any standard on/off system.

More comfort and less energy with Autobalancing technology



Pioneering AI in radiant control software

Smatrix AI connects to your heat pump, learns how your home responds to weather, and adjusts heating before you feel a change. The result: at least 10% energy savings.*

Intelligence from the cloud

Well-insulated modern homes hold their warmth, but that also makes them slower to react when the weather turns. Smatrix AI solves this by thinking ahead. It analyzes weather patterns, room data, and your preferences, then continuously fine-tunes the heating output, keeping temperatures just right throughout the seasons.



Maximum Comfort & Energy Savings

At least 10% energy savings considered on local climate conditions and building parameters.



Always the Perfect Temperature

AI considers weather changes and proactively adjusts heating before you feel any discomfort.



Cloud Connectivity

Cloud-to-cloud integration enables quick setup for both new and existing Smatrix installations.



Faster Installation Time

Saves labor costs and minimizes disruption during installation.

*Applies only when paired with a heat pump installation.



Explore Uponor Smatrix Flow

Feel it for yourself

Proven comfort, made better

Some decisions improve every single day that follows. Smatrix Flow is one of them: steady warmth and freshness in every room, energy spent carefully, and a system that keeps improving itself for years. Set it up once, then simply live comfortably.

All of it, working together

Over these pages you have met the whole system: Autobalancing that keeps every room evenly warm, Smatrix AI that delivers at least 10% energy savings when paired with a heat pump installation, one app that holds it all, and hardware built to work unseen for years. What you notice is not the system. It is the comfort it creates.

Enjoy the warmth, stay relaxed with cooling

Your journey starts with a conversation. Talk to your local installer about Uponor Smatrix Flow, explore the system online, or watch it in action on our channel. And if your home already runs on Smatrix Pulse, ask about the simple upgrade to Flow.



Learn more at
georgfischer.com/smatrix-flow



Watch on YouTube
[@UponorEurope](https://www.youtube.com/@UponorEurope)

Excellence in Flow

Visit our webpage to get in contact with your local specialist:

www.georgfischer.com/locations



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