

Uponor Smatrix Pulse

Indoor Climate Control

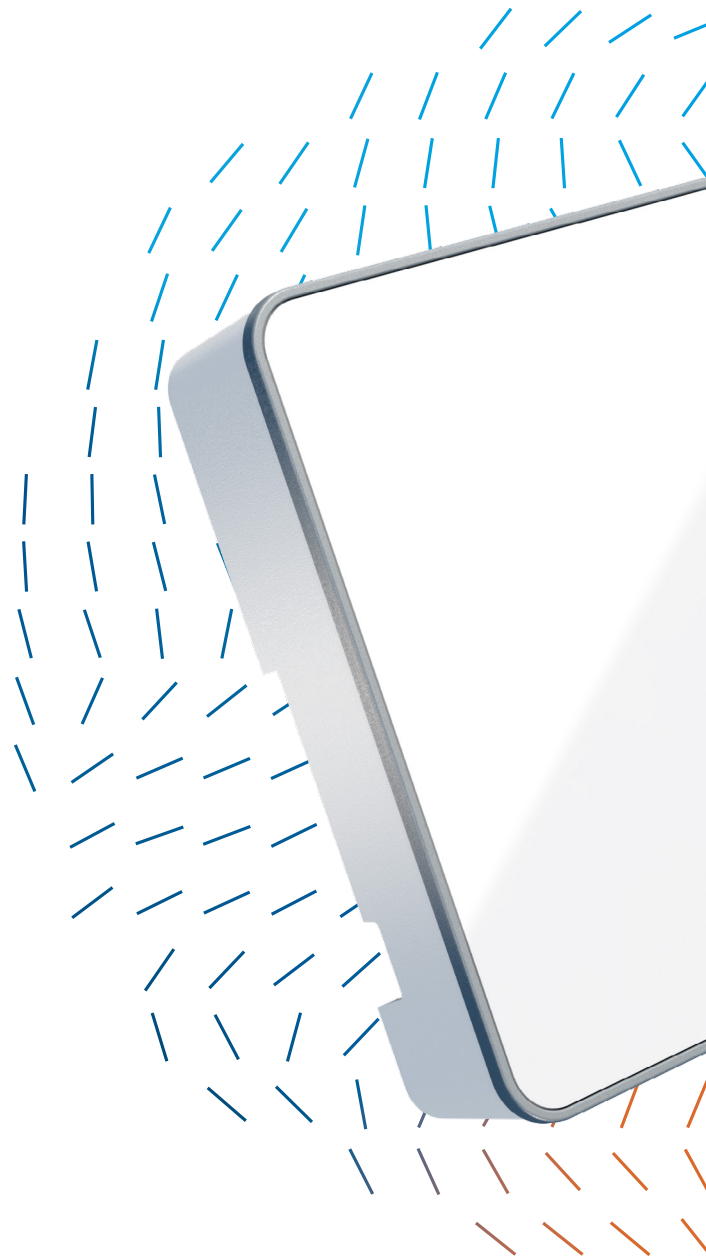


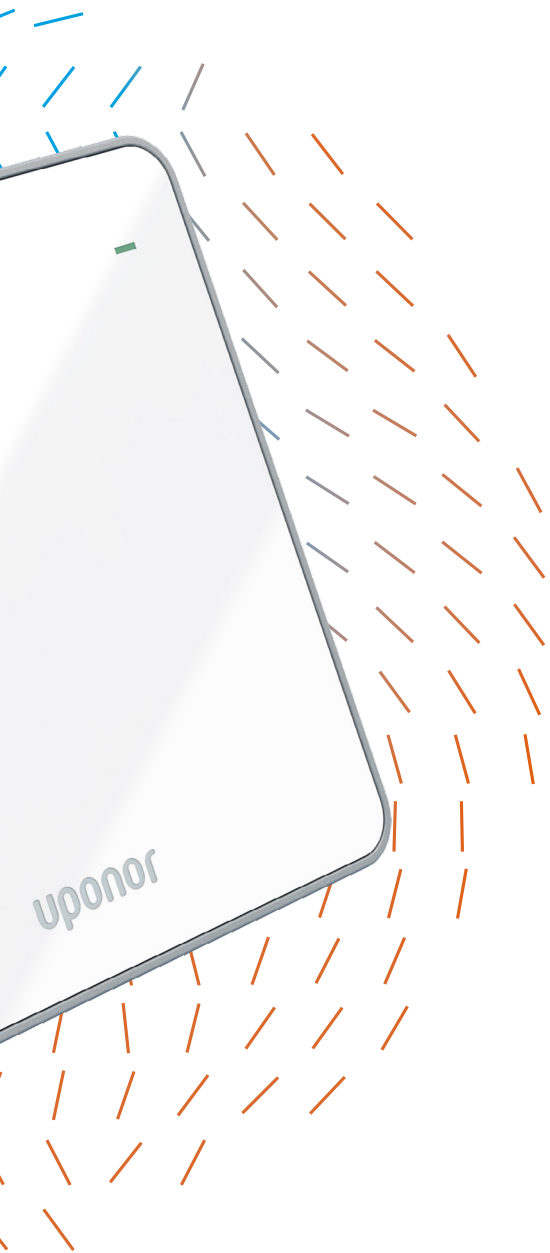
Increase your comfort to the max

With Uponor Smatrix Pulse room temperature control system and our long-term expertise in heating and cooling

Are you looking to optimise your existing underfloor heating system or are planning to install it for the first time? Say hello to Uponor Smatrix Pulse, the easy to use room temperature control system which offers maximum room comfort.

You can also rely on the expertise of the world's leading supplier of heating and cooling systems: Uponor. As an expert in holistic heating and cooling solutions, Uponor knows best when it comes to the smart optimisation of your underfloor heating and cooling system.





Easy Installation

With the simple system architecture and interactive installation wizard in the Smatrix Pulse App



Easy Control

Via the intuitive Smatrix Pulse App – at home or away



Personal Comfort

Create your ambient comfort zone with individual preferences and adaptive comfort functions



Peace of Mind

Thanks to the latest encryption technology and options for personal settings in the cloud function



Energy Efficiency

With innovative Autobalancing technology



Uponor Smatrix Pulse Benefits

1,2,3: Ready!

Uponor Smatrix Pulse is set up in a few steps and is easy to install

Installation and configuration without internet

There is no need to read heavy manuals: the Smatrix Pulse App provides a fully interactive step-by-step installation wizard that make installation child's play.

But what if your home is still a construction site and you do not have internet? No problem, the Smatrix Pulse App connects directly with the communication module, creating a local Wi-Fi network without internet connection. No problem, the Smatrix Pulse App connects directly with the communication module, creating a local Wi-Fi network without the need of an internet connection.

Third-party access for convenient maintenance

Within the Smatrix Pulse App you can grant access rights to your trusted installer for a professional check-up of the system or to implement improvements. Remote system settings, adjustments or maintenance can be done quickly from anywhere.



Heating & Cooling

Hello, Heating & Cooling!

Connect your ambient comfort with new smart home possibilities

Full control from everywhere

With the Smatrix Pulse App, you can control the room temperatures in your home from anywhere with your smartphone or tablet. Save energy costs while travelling by simply setting your heating to “Away” or “Eco”.

Works with voice services and assistants

Uponor Smatrix Pulse can be easily integrated with Amazon Alexa or Google Home.

Weather forecast information

Simply check the weather forecast in your Smatrix Pulse App and adjust heating and cooling demands in real time. Additionally, the humidity can be measured.

Cooling with high protection to avoid condensation

Uponor Smatrix Pulse can effectively control the cooling process. With humidity sensors included in several thermostat models, Smatrix Pulse provides a high protection to avoid condensation.

The Perfect Temperature

Uponor Smatrix Pulse creates your individual comfort zone within seconds

Speed up the reaction time of your heating

Conventional underfloor heating is often somewhat sluggish when it comes to reaction time. Often you have the feeling that the perfect temperature is never achieved. The Uponor Smatrix thermostats measure the temperature in each room with high precision and interact with the controller when changes are necessary or desired.

Enjoy individual preferences

Warm at seven in the morning, pleasantly cool for sleeping? Each individual member of your household can create a personal comfort zone according to their needs.

Adapting to your daily routine

From workroom to playroom: innovative, hydraulic Autobalancing continuously monitors temperature conditions and regulates each heating circuit individually. Smatrix Pulse even adapts to modifications such as new floor coverings or change of room uses.

Enhance your feel-good connection

For maximum comfort at home, Uponor Smatrix Pulse offers many possibilities of integration with other comfort systems – like fan coil cooling, ventilation, ceiling cooling and electric underfloor heating.

Enjoy Safety

Rely on security and full data control

High data security

Your personal information is in the very best hands with us. Strong encryption technology offers you highly reliable data protection.

Personal settings to use cloud functions

Access to the Uponor cloud services adds additional functionalities to your Uponor Smatrix Pulse system, e.g. automatic software updates with maximum data security. If you do not want to share your data, you can simply discontinue the service and still use the app and the system with local Wi-Fi.

Alarm push notifications

If the battery is low or the wireless connection is lost, the system alerts you wherever you are through the Smatrix Pulse App.

A legacy of innovation and reliability

For years, Uponor has been a trusted leader in radiant heating and cooling, consistently innovating to enhance comfort, efficiency, and security. With a commitment to excellence, we continue to refine our products and services to meet the highest standards, today and in the future.

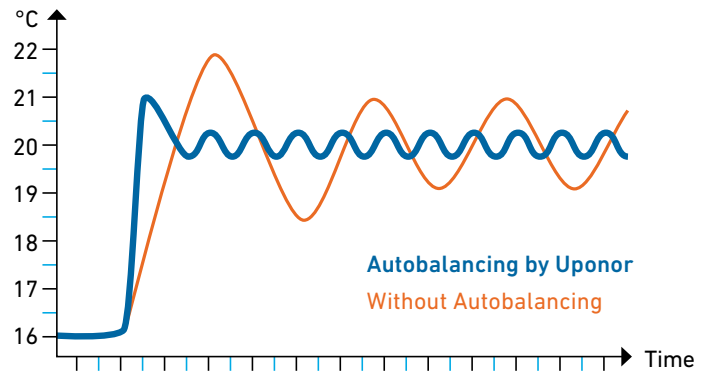
Energy Savings

More comfort, less energy!

Uponor Smatrix Pulse automatically optimises your energy use

While manual hydraulic balancing only considers the initial conditions, the Autobalancing function constantly adapts to every change in the system or space, without complicated recalculations or adjustments by an installer. Automatic balancing adapts to household's changing lifestyle and usage patterns, eliminating the need for manual balancing. This results in more even floor temperatures and faster system reaction times with lower energy consumption than any standard on/off system. You save energy and money – whilst benefiting from optimal comfort!

More comfort and less energy with Autobalancing technology



Thermostats

Uponor Smatrix T-247 and T-267

Where Robust Design Meets Modern Elegance

Experience the new Uponor Smatrix Thermostats – built for durability and style. Ideal for all types of homes and new construction, but especially for rental homes, this robust solution combines modern aesthetics with smart features like a capacitive touch interface and integrated humidity sensor, offering effortless control of heating and cooling systems.

Designed for both professionals and end-users, the new Uponor Smatrix Thermostats are available in wired (T-247) and wireless (T-267) models, offering full compatibility with both current and previous Smatrix systems. This ensures effortless upgrades for already installed systems.

Smatrix brings comfort and efficiency together – explore how this new designed thermostats transforms your living space.

Uponor Smatrix Thermostats T-247 and T-267 Features:

User-friendly Interface

Intuitive capacitive touch buttons ensure effortless operation and make cleaning of the front of the thermostats easy

Sleep Mode

The automatic shut-off of the display after a period of inactivity makes it ideal for use in sleeping rooms without causing light disturbances



Common Benefits

Comfort & Efficiency in every version

Modern and Stylish Design

Whether you choose modern or stylish, both options blend seamlessly into any interior

Versatile Installation Options

Available as wired (Base) and wireless (Wave) systems that can be easily integrated with radiant heating and cooling setups

Noiseless Operation

Operate completely noiseless to provide the highest comfort in all rooms

Uponor Smatrix Style



A Perfect Blend of Design and Technology

With its ultra-slim and elegant design in white or black, Smatrix Style blends seamlessly into any space, effortlessly complementing your home's aesthetic.

Choose between wired (T-149) and wireless (T-169) versions to suit your setup. Thanks to its innovative display technology, temperature and room humidity remain clear and easy to read at all times.

Uponor Smatrix Style Features:

Elegant, Minimalist Design

Slim profile available in white and black to match any decor

Clear Visibility

A sleek display that shows the temperature with perfect clarity, free from unpleasant lighting distortions

Advanced Control Features

Include a built-in Relative Humidity (RH) sensor

Easy Installation

Quick setup with familiar mounting and menu structure procedures minimizes time and effort

Effortless Control

Adjust your comfort anytime with the Smatrix Pulse mobile app

Compatibility

Works with the entire Smatrix portfolio, ensuring long-term reliability and easy upgrades

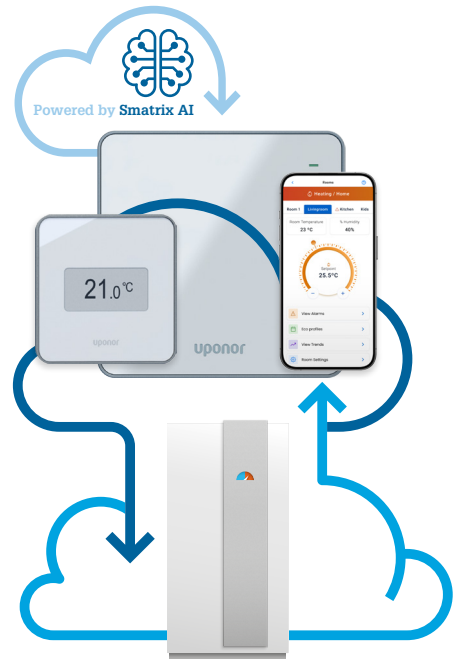
Energy reduction through Smatrix intelligence

Uponor Smatrix AI

Pioneering AI in radiant control software

New regulations for energy efficient buildings have successfully reduced energy consumption through better insulation, but they have also made radiant heating systems less responsive to sudden weather changes. Additionally, fluctuating weather conditions demand faster response systems. To set optimal heat curves for individual comfort and high energy savings remains a task for experts in our days.

Uponor Smatrix AI revolutionizes underfloor heating control by integrating Artificial Intelligence to predict, adapt, and optimize heating performance. Seamlessly connected to heat pump via cloud-to-cloud integration, it ensures fast response times, effortless setup, and maximum energy efficiency. By analyzing weather patterns, room temperature factors, and user preferences, Smatrix AI continuously adjusts heating output, keeping indoor temperatures just right throughout the seasons.



Uponor Smatrix AI offers you:



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

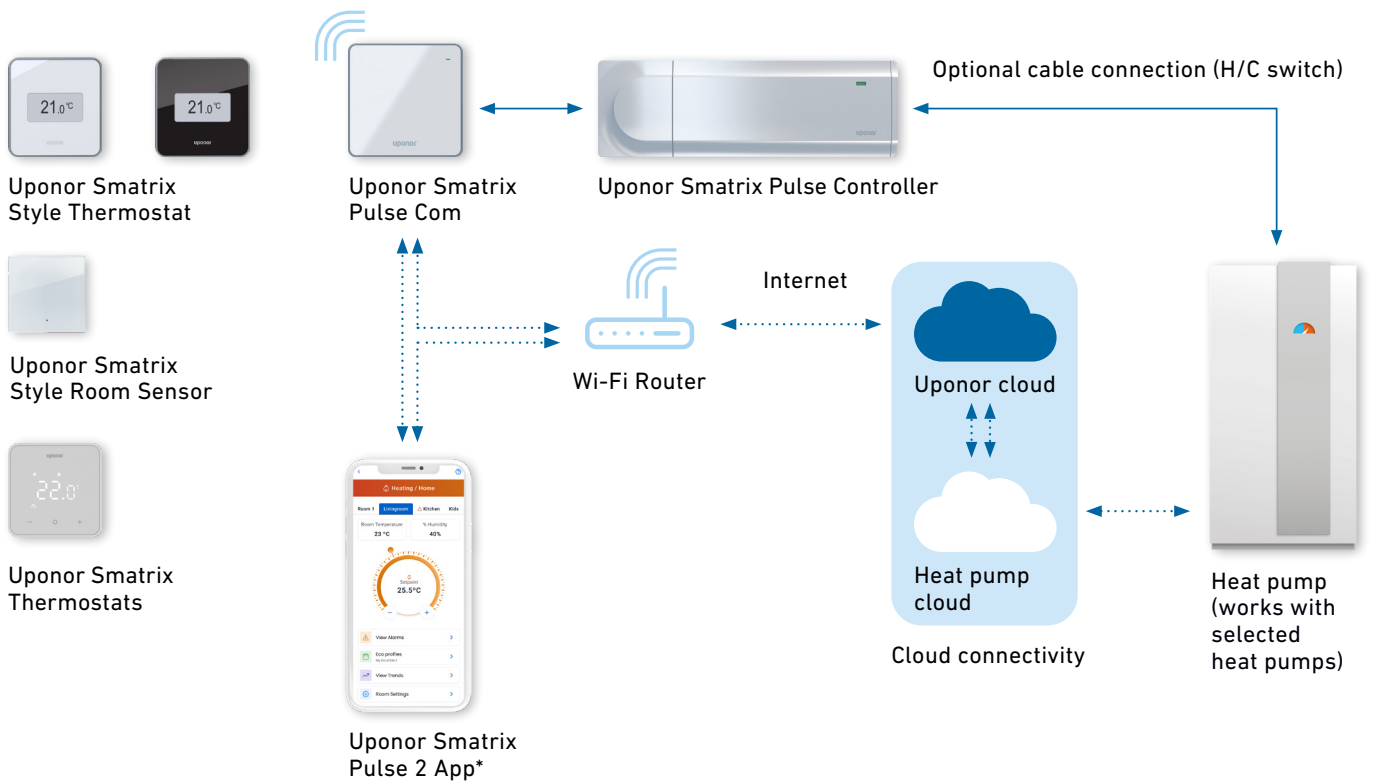
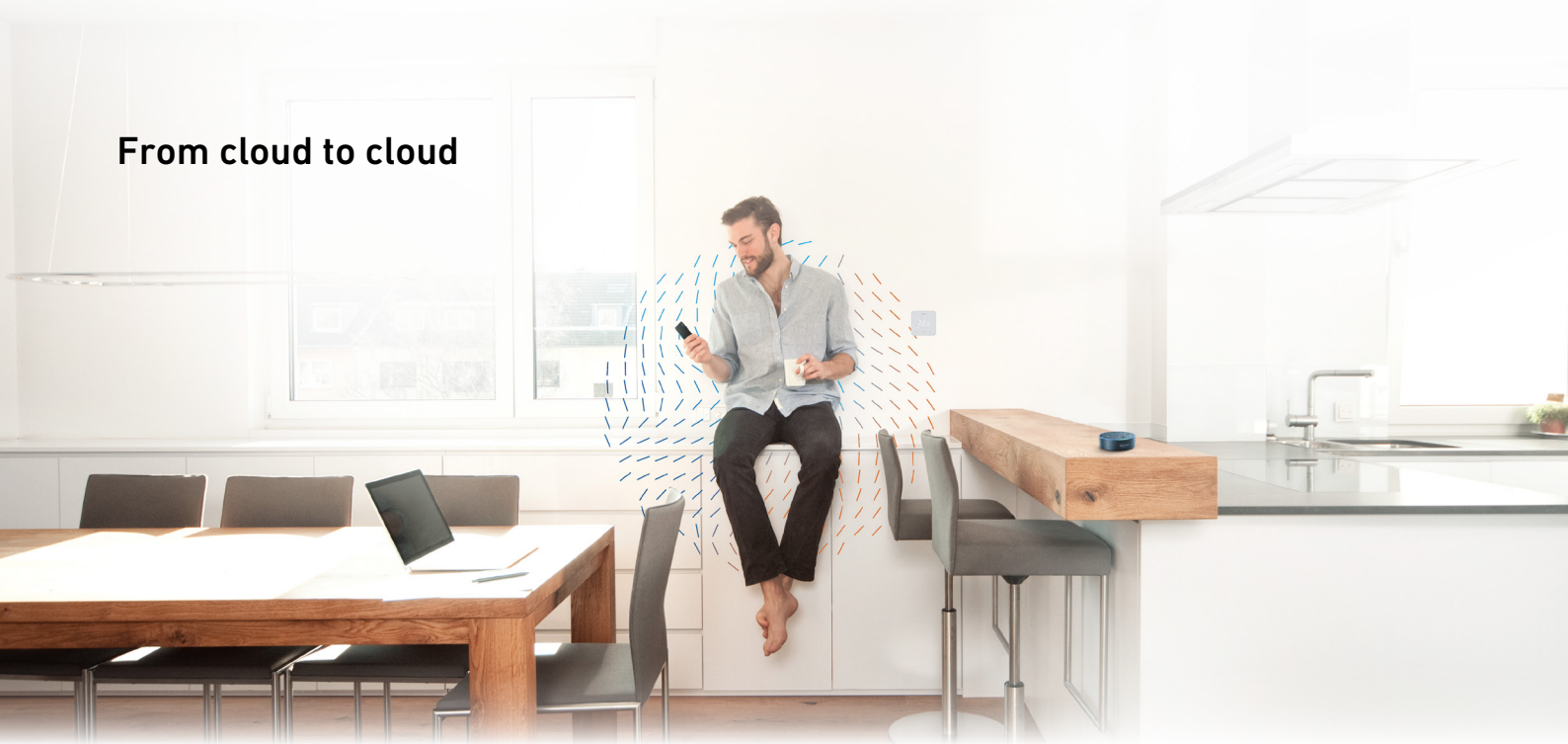
Cloud-to-cloud integration enables quick setup for both new and existing Smatrix Pulse installations



Faster Installation Time

Saves labor costs and minimizes disruption during installation

From cloud to cloud

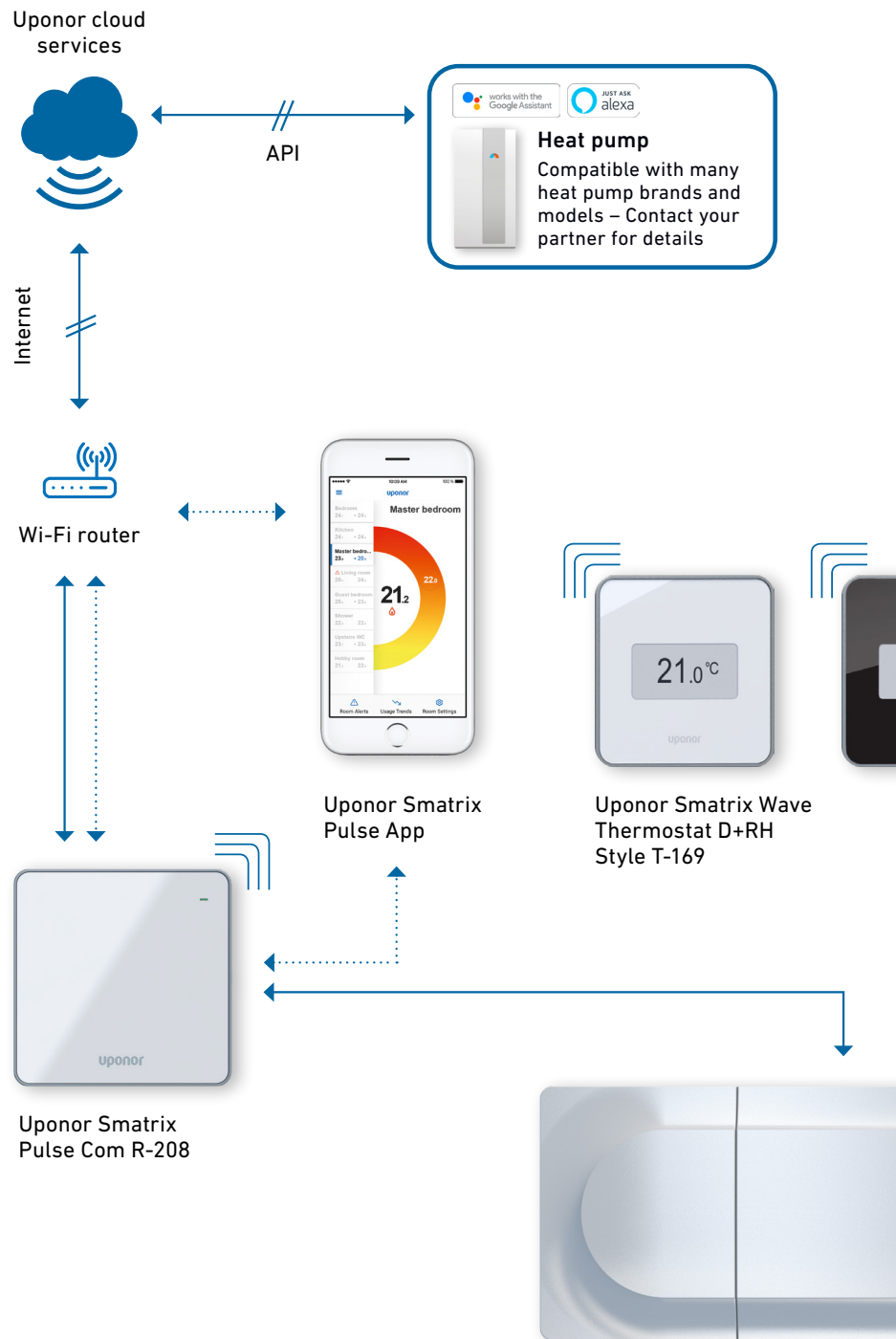


*Availability of Uponor Smatrix Pulse 2 App is planned for a future release.
Smatrix Pulse is available as wired (Base) and wireless (Wave) system.

System Overview

A fully integrated system for smarter, more efficient homes

Your feel-good connection with Smatrix Pulse comprises only a few components.



Smatrix Pulse is available as wired (Base) and wireless (Wave) system. All items listed above are for wireless application.



Uponor Smatrix
Wave Room Sensor +
RH Style T-161



Uponor Smatrix
Thermostat T-267

Uponor Smatrix Wave
Controller Pulse X-265 6X



Want to Learn More?

You've now discovered how Smatrix Pulse brings intelligent climate control to your home, maximizing comfort, efficiency, and ease of use. But there's always more to explore!

Visit our website to access additional resources, including technical documentation, installation guides, operating instructions, and everything you need to get the most out of Smatrix Pulse and the entire Smatrix portfolio.



Discover more at
uponor.com/smatrix-pulse

Leading with Water

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