

The next
generation
Heat
Interface
Unit

wavin

An Orbia business.

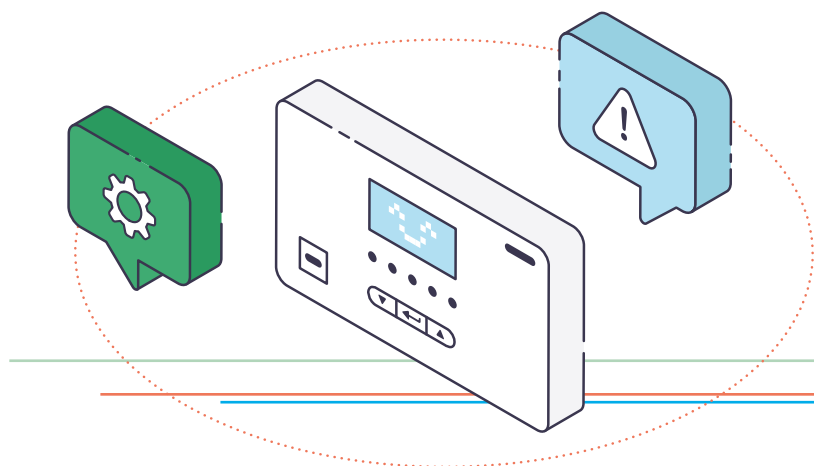


The Wavin Calefa II takes electronic heat interface units a step closer to the future

Across Europe, cities and buildings are facing new challenges: rising energy costs, stricter climate targets, and growing expectations for comfort and reliability. Traditional heating systems often struggle to keep up – they are complex, inefficient, and expensive to maintain. Wavin Calefa II has been developed to meet these challenges head-on.

This new generation of electronic Heat Interface Units (HIU's) combines energy efficiency with user comfort. It minimises heat loss, adapts intelligently to demand, and makes life easier for both installers and end-users.

With Calefa II, utilities, installers, and households all benefit from a smarter, more sustainable approach to district heating.



Heats up so you can keep calm

Smart Display & Diagnostics

The easy and accessible end-user interface shows the temperature of the tap water. It is easy to adjust the temperature or set the system to standby mode during holiday period. Built-in alarms, diagnostics, and LAN access reduce site visits and simplify maintenance.

Easy DHW Temperature Control

Tamper-proof display with local language options. Delivered at safe default settings, easily adjustable for safety, energy savings, and optimized return temperatures.

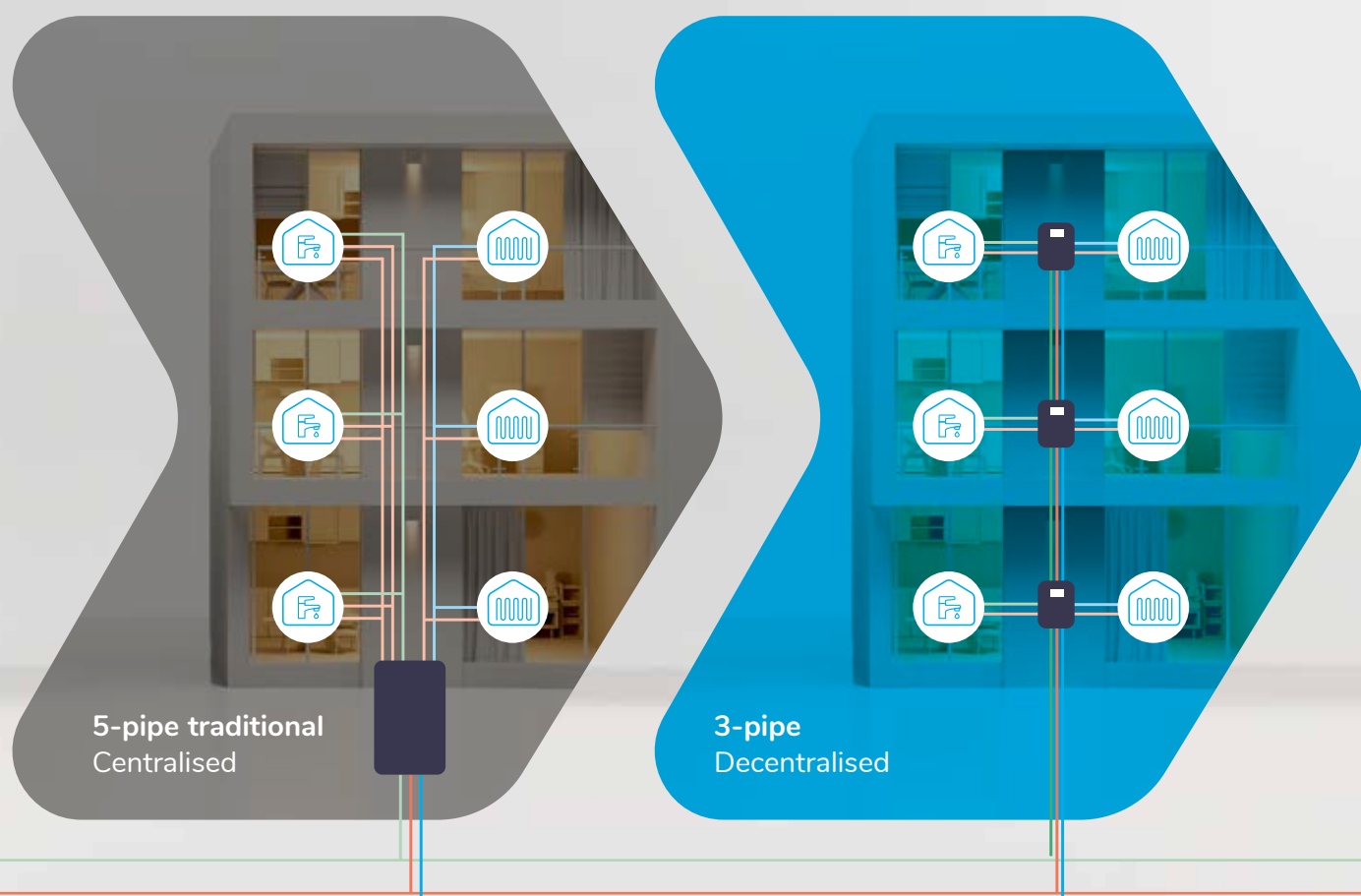
There is no risk of legionella in these units, because the system is so often run through by water that legionella can't be evolved.

Reduced number of pipes, increased energy efficiency

For decades, district heating has relied on 5-pipe solutions. With Calefa II, Wavin offer a more efficient 3-pipe design that reduces complexity without compromising performance.

Less is more: the efficiency of the 3-pipe solution

- Simplified shaft installation
- Lower system complexity and easier maintenance
- More efficient troubleshooting
- Better indoor climate control through interaction with ventilation



3-pipe Decentralised

District Heating Utility (DHU) benefits

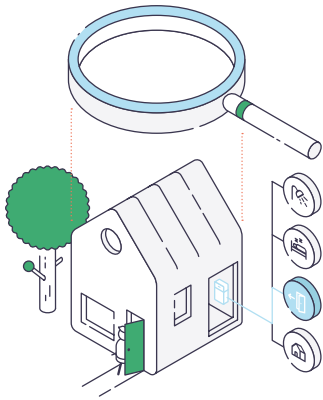
Individual metering gives users full control of hot water temperature and heat production, with detailed consumption data that supports energy savings.

Water is produced close to where it is used and kept at an elevated temperature, making the system both efficient and safe.

Intelligent adaptation ensures easier maintenance, while technical issues have only minimal consequences.

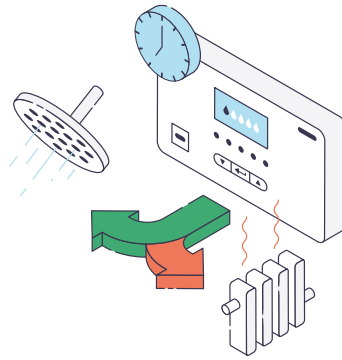
Intelligent control

Calefa II is more than just a HIU – it's a learning system. By analysing household consumption patterns, it adapts to demand and reduces unnecessary heat loss. **Core functions include:**



Adaptive bypass

Recognizes the patterns of the household, significantly reducing the standby losses.



DHW prioritisation

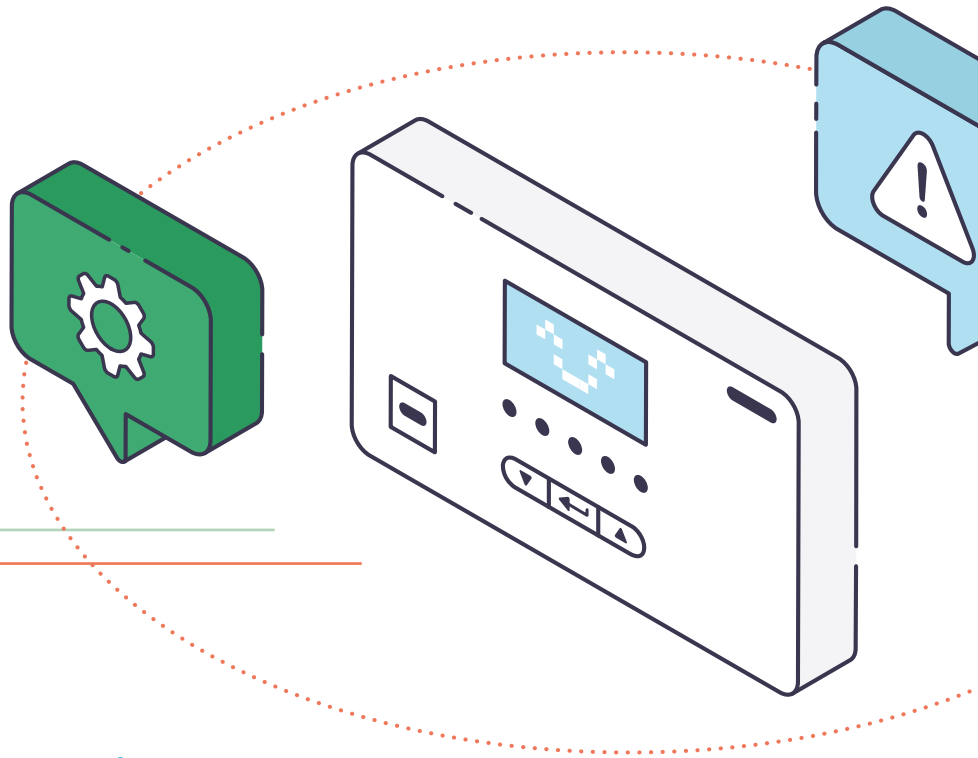
Makes sure there is hot water 24/7, by actively shutting off heat during peak hours, optimizing network capacity.



Wireless outdoor sensor

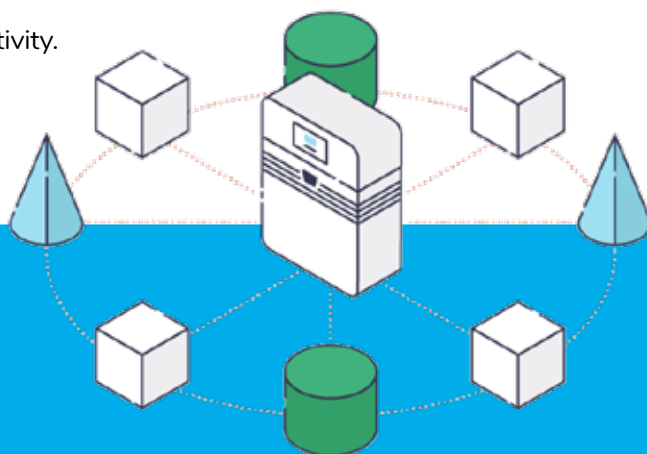
Unlike many units, Calefa II offers a wireless outdoor sensor for architectural flexibility, adjusting supply temperature to weather conditions and allowing multiple units to run simultaneously.

**Calefa II knows you
better than you
may realise**



Where experience meets innovation

Designed with both end-users and installers in mind, Calefa II combines intuitive operation with smart connectivity. The unit is factory-prepared for integration and quick to set up.



Connectivity (incl. app control)

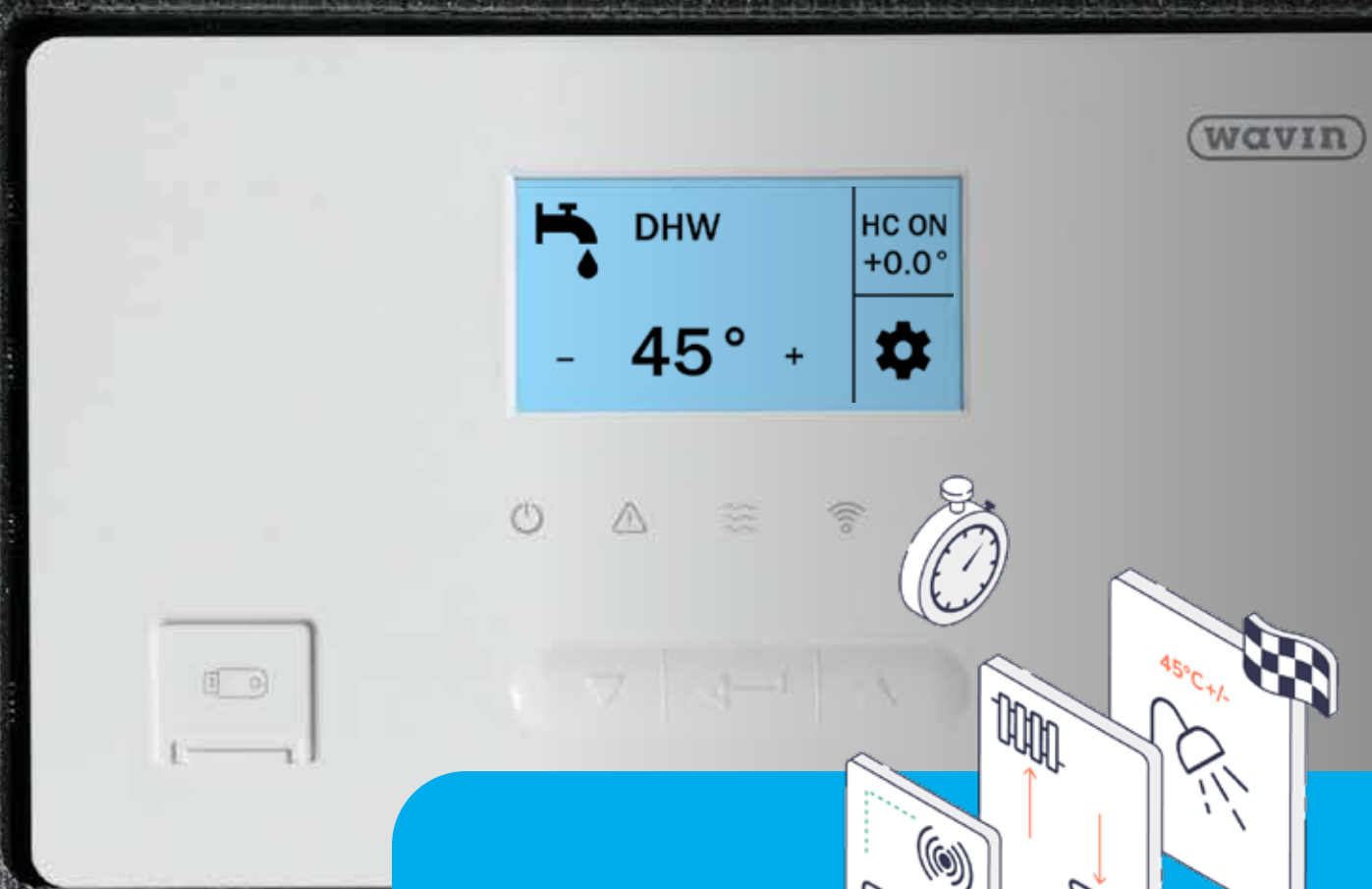
The unit includes factory-ready Modbus RS-485 for third-party integration and LAN (TCP/IP) for automatic firmware updates, BMS/meter integration, and remote service. The unit is updated regularly, and installers can always contact Wavin to verify data.

When connected to Sentio, users can monitor and adjust DHW temperature via the Sentio App. Sentio also connects district heating and underfloor heating, ensuring double protection against unnecessary energy use with in-house feedback on heat demand. Documentation is stored directly via log files in the product to meet legal requirements.

Altogether, this makes Hyper Care a natural part of the solution.

Electronic controller unit

It is easy to handle, simple for the end-user to read, and makes sure you never have the need to turn a knob again.



Fast commissioning

The solutions are so straightforward that we like to call it a "1-2-3" setup. Calefa II simplifies setup of hot water and heating systems. Fast installation with automatic configuration reduces complexity and errors, saving time, improving comfort, and easing management. A USB key allows settings to be copied between units, making large-scale installations simple.

Choose Calefa II
No more guessing
on hot pipes, just clear
results on the display

Intuitive digital display
makes it easy to adjust
settings and monitor
performance.



Two decades of
power backup
Safe valve closing
during outages, no
battery replacement.

Anti-limescale design
for fewer deposits and
easier servicing.

Advanced motor control
Prevents blocking,
auto-releases stuck valves,
reduces noise, and ensures
smooth, reliable operation.

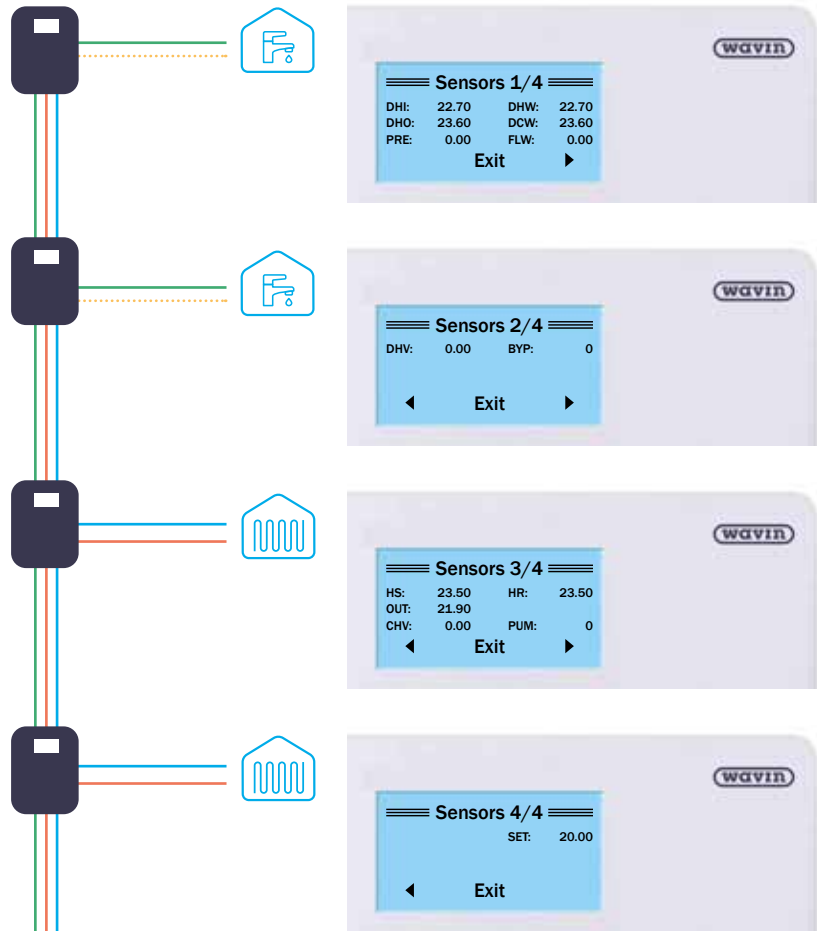
High quality components
Easily accessible
and carefully selected.

Operation & Maintenance

Once installed, Calefa II continues to deliver value through easy operation and low maintenance needs. Diagnostics and alarms make troubleshooting simple, while advanced motor control ensures the unit runs quietly.

Features that simplify maintenance

- Two-screen diagnostics showing system status instantly
- Alarm guidance to reduce unnecessary service visits
- LAN access for logging, firmware updates, and customization



Danish quality and European knowhow

Calefa II is a trusted solution, engineered and designed in Denmark in close collaboration with District Heating Utilities and installers.

For more than 20 years, Wavin has been the preferred choice of thousands of installers and utilities. Whether you are building single-family homes, working with multi-family homes, or operating within utilities, Wavin Calefa II is recognised and loved across the industry – a reliability that speaks for itself.



Calefa II + Sentio gives you exceptional indoor comfort

Smart design meets everyday living with the intelligent underfloor heating control system, Sentio. Designed with a focus on user comfort and energy efficiency, the system learns user habits and adjusts proactively to maintain the perfect temperature in every home.

Advanced technology ensures a comfortable indoor environment while optimising energy use, helping you enjoy lower heating bills and a reduced CO₂ footprint.

Sentio is more than a temperature control system, it's an investment in a smarter, more sustainable lifestyle.



Commissioning

Connectivity

Connect to 3rd party products, such as heat pumps and dehumidifiers, via Modbus, and enjoy automatic software updates and access to apps through Wi-Fi.

Seamless combination

Underfloor heating and radiator thermostats work together and can be controlled through the same app.

Easy installation

Smart features and a simple three-step process makes installation of the Sentio system quick and easy.

Exceptional reliability

Flexible and robust connections between all system units ensure reliable and efficient performance.

Remote service via SmartConnect

A powerful tool designed for remote maintenance, service and monitoring to optimise customer support.

App control

Planning and real-time adjustments via the Sention app gives end-users extraordinary control of their own indoor climate - even remotely.

Stylish design

Sention room thermostats are designed to blend in elegantly and subtly, lighting up only when operated.

Zone control for energy efficiency

Set individual temperatures in each room to save energy by reducing heating of unoccupied spaces.

Precise comfort with auto-balancing

Advanced control features, such as auto-balancing, ensure that every room is heated to the desired temperature at all times.

Built-in weather compensation

Adjusts inlet temperature based on outdoor conditions, saving energy, increasing comfort and extending system lifespan.

Unparalleled flexibility

Wired and wireless devices are seamlessly and securely combined in the same installation.

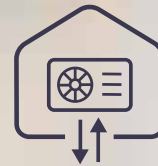


Advancing Indoor Comfort with Wavin

From family homes to apartments, Wavin stands as the trusted choice for a comprehensive indoor climate solution. Through innovative controls, it seamlessly integrates underfloor heating, ceiling heating and cooling, heat interface units and mechanical ventilation.

All components work harmoniously in a unified solution, Advancing Indoor Comfort with efficiency and ease.

- Surface heating and cooling
 - Heat interface units
- Mechanical ventilation
- Smart control systems



Wavin is part of Orbia, a community of companies working together to tackle some of the world's most complex challenges.

We are bound by a common purpose:
To Advance Life Around the World.

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