

# Straightforward Smart Living



# Who We Are

Whisper Controls is a straightforward, innovative controls supplier delivering expert customer support and high-quality smart living. We're not just another controls supplier; we're changing the game using our years of experience and bringing reliability, support, and innovation to our customers, setting a new benchmark.

Trust is built on expertise. Our expert team brings technical know-how, and we go above and beyond to support our customers. We are here to help, not just on the phone, but also available for audio-visual guidance too.

We have built strong partnerships with our suppliers to ensure we have ample Whisper Controls stock available at our fingertips so our customers can say goodbye to waiting for their controls and hello to swift, reliable service.

# What We Do

Our products deliver straightforward smart living and are built to the highest standards. Plus, we offer an industry-leading five-year warranty from the date of installation.

Whether you prefer the sleek design of a smart thermostat, the user-friendly interface of a programmable one, or the classic simplicity of a dial, our products make climate control a straightforward and efficient experience.

- Zonal Time and Temperature Management Systems
- Central Heat Source Time and Temperature Management Systems
- Universal Open Platform App Enabled Systems
- 24v Control Solutions

# Five Year Warranty



## Our five-year warranty is the security your next project needs

We're proud of our market-leading five-year warranty. But why is our warranty so important to us and our customers?

Our five-year warranty is a fundamental part of our product offering. It covers the performance of our products for five years from the date of installation, not the date of purchase. It makes ordering from us easy, as you can have the products you need on hand ahead of time with the confidence that the warranty will not expire while they sit on the shelf waiting for installation.

It's not just about the warranty; we extend this commitment to quality across our entire business. We focus on building long-term relationships with our customers to deliver control solutions that meet their needs and expectations.

Our expert team is also here to help you from pre-sales to installation and beyond. This ensures you can have peace of mind when commissioning Whisper Controls products for your project, knowing that they include the innovation and features your customers require, and that our market-leading warranty will cover them for a full five years.

So, if you're looking for a controls supplier that will bring you reliability, support, and innovation that sets a new benchmark, talk to us. Our expert team will be happy to help you in finding and installing the right products for your specific needs.

# Control with the Smart Life App



At Whisper Controls, we deliver straightforward smart living that adapts to your world. Our compatible thermostats integrate seamlessly with the powerful Smart Life app, transforming how you manage comfort and efficiency, whether in a single home or across multiple properties.

## The Smart Life App: Your Central Control Hub

The Smart Life app, developed by Tuya, is your intuitive command centre for all your smart devices. It simplifies complex systems, allowing you to manage your Whisper Controls thermostats alongside other smart home technology from one unified app. Say goodbye to juggling multiple applications – everything is at your fingertips.

## Unlock Key Benefits with Whisper Controls & Smart Life:

- **Effortless Remote Control:** Adjust your heating anytime, anywhere, directly from your smartphone. Return to a perfectly comfortable space, or manage temperatures for unexpected changes in commercial premises.
- **Intuitive Automation & Geolocation:** Create personalised heating schedules that adapt to your lifestyle or business hours. Leverage geolocation to automatically adjust temperatures as you approach or leave a property, ensuring comfort and optimising energy use.
- **Streamlined Multi-Property Management:**
  - **Multiple 'Homes' Feature:** Easily set up and manage individual 'homes' within the app, representing separate apartments, offices, or entire premises. This is ideal for landlords, building managers, or businesses overseeing multiple locations, providing clear organisation and simplified control across your entire portfolio.
  - **Flexible Access Sharing:** Grant specific access to family members, tenants, or maintenance teams, ensuring everyone has appropriate control while you maintain oversight.



- **Advanced Commercial & Industrial Control:**
  - Whole Building Programming: Implement time-saving, whole building programming adjustments to optimise heating across entire floors or complexes.
  - System Shutdown & Efficiency: Initiate a complete heating system shutdown with a single command for energy saving during non-operational hours.
  - Simplified Servicing: Facilitate efficient system commissioning, servicing, and maintenance through remote adjustments and diagnostics via the app, reducing on-site time for engineers.
- **Voice Control Integration:** Enjoy hands-free operation by connecting your Whisper Controls thermostats to Amazon Alexa or Google Assistant.
- **Real-time Monitoring & Alerts:** Stay informed with live updates and receive immediate notifications for temperature changes or potential issues, allowing for proactive management.
- **Significant Energy & Cost Savings:** Precise control, smart scheduling, and multi-site management capabilities help you optimise energy consumption, leading to notable reductions in utility bills for both homes and businesses.

## Peace of Mind Through Compliance:

We understand the importance of security and data privacy. Our compatible Whisper Controls thermostats and their integration with the Smart Life app are designed with adherence to key UK regulations:

- **Product Security and Telecommunications Infrastructure (PSTI) Act 2022:** We ensure our products meet the cybersecurity requirements of the PSTI Act. This includes measures like preventing universal default passwords, providing clear vulnerability reporting, and offering transparency on software update support.
- **UK General Data Protection Regulation (UK GDPR):** The Smart Life app handles personal data responsibly, adhering to UK GDPR principles through data minimisation, transparent usage, and robust security measures.

By choosing Whisper Controls, you're not just getting innovative controls; you're gaining a secure, efficient, and compliant solution for your smart living or building management needs.

# Smart Thermostats

Equipped with cutting-edge technology, it enables remote control via smartphones or voice commands, allowing users to effortlessly optimise their home environment. Our products feature straightforward plug-and-play technology which enables a quick set-up and easy linking to other home devices, and there's no need for an additional router.

## Wi-Fi Smart Thermostats



### MU-200

The MU-200 is a programmable smart digital thermostat with a slim, elegant design.

- Room or zone thermostat with various applications.
- Smartphone or direct control with soft touch icons.
- No additional router is needed for installation.
- Works with smart home devices from Google, Amazon, and Apple.
- Features Green Leaf energy-saving mode and single-touch override.



### MU-055

The MU-055 is a slim, in-wall programmable smart digital thermostat featuring a sleek gloss finish and intuitive soft-touch controls.

- Flexible control via your smartphone or direct control with soft-touch icons.
- Works with smart home devices from Google and Amazon.
- No additional router is needed for installation.
- Energy-saving green-leaf mode.
- Supports a 10k NTC external air or floor sensor providing floor overheat protection.



### MU-600

The MU-600 is a programmable smart digital thermostat with a clear LCD display.

- Direct on thermostat control via haptic buttons.
- Room or zone thermostat with various applications.
- No additional router is needed for installation.
- Works with smart home devices from Google, Amazon, and Apple.
- Energy-saving mode with manual or timed setback.
- Weekly planned cycles (5+2) with six cycles per day.

# Wireless Smart Thermostats



Designed for flexibility and convenience, our wireless thermostats provide precise temperature control without complex wiring. They feature easy installation, intuitive programming options, and reliable connectivity, with energy-saving modes that enhance efficiency. Seamlessly managed via smartphone and compatible smart home systems, they deliver straightforward comfort for modern living.

## Wireless Smart Thermostats



### WR-304

The WR-304 is a wireless battery powered programmable smart digital thermostat combining sleek design with flexible, energy-efficient control.

- Simple unobtrusive design, easy haptic buttons for in thermostat programming, or remote programming and management via the Smart Life App on your phone.
- Strong wireless signalling with great range overcomes most installation site challenges.
- Allows use of separate remote sensor for either floor overtemperature stop or through wall bathroom temperature sensing.
- Works with smart home devices from Google, Amazon, and Apple.



### WR-300

The WR-300 is a Smart Life Wi-Fi Gateway for use with multiple wireless thermostats.

- A strong wide range that penetrates walls providing a stable signal.
- Smartphone or voice control with compatible home smart systems.
- Security and privacy protection with encrypted data in transmission.



### KF-304

The KF-304 is a 230v mains powered 8-way wiring centre for connecting to wireless zonal thermostats, delivering reliable heating management with ease.

- Conventionally wires up to 8 manifold mounted thermal actuators, which are signalled by the wireless zonal thermostats.
- Integrated relays for boiler, pump & UFH heating valve operation.
- Reliable 868MHz RF pairing comms with a range of up to 100m in open space.
- Simple commissioning process showing pairing zone status with LED indicators.

# Programmable & Digital Thermostats

Empower users to create customised heating schedules, ensuring a comfortable home while minimising their energy consumption.



## ST-300

The ST-300 is a slimline PD Programmable Digital thermostat that can be modified to be a SD Simple Digital, with no programmable functions.

- Room or zone thermostat with various features.
- Direct control with tactile push buttons.
- Low energy consumption (less than 1 Watt).
- Energy-saving mode with manual or auto setback.
- Weekly planned cycles (5+2 or 5+1+1) with six cycles per day.

Clear and accurate temperature readings, enhancing overall system control and awareness of the settings in the home.



## BD-200

The BD-200 is a simple digital thermostat with an LED display.

- Multiple applications, including zone valve control, switch electric underfloor heating and connection to UFH wiring centre.
- Touch-sensitive operated glass screen.
- Features Green Leaf energy-saving mode.
- Clear display of current and set temperature.
- Available in white or black.

# Dial Thermostats



With a classic and intuitive interface, they combine simplicity with precise temperature adjustments.



## DT-120

The DT-120 is a basic mechanical dial thermostat for radiant underfloor heating.

- Designed to control single UFH zones.
- Low-cost replacement option with no remote sensor.
- Easy adjustment with 1°C increments.
- Red LED light indicates call for heat.
- Surface mounted with no need for a recessed back box.



## DT-130

The DT-130 is a straightforward, on-wall electronic analogue heating and cooling thermostat.

- User-friendly operation with positive haptic experience dial rotation and LED heating indicator.
- Volt-free connection for use with multiple applications including underfloor heating.
- Frost protection activates heating if the room drops below 5°C.
- Clamshell housing design for quick, easy installation.
- Supports a 10k NTC external sensor for UFH floor overheat protection, with separate temperature setting dial under the cover.



## DT-340

DT-340 is an electronic dial thermostat with a tamperproof cover.

- Designed to control single UFH zones.
- Small easy setting dial under cover.
- Red LED light indicates call for heat.
- Surface mounted with no need for a recessed back box.
- Special pin stop system for limiting set point range.
- Internal sensor and facility for remote sensor - NTC 4.7 kΩ sensors @ 25°C.



## DT-350 Electronic Room Thermostat + NSB

The DT-350 is an electronic thermostat for commercial, industrial, and residential settings.

- Manual calibration dial with adjustable NSB temperature.
- Wall-mounted in both 230v and 24v variations.
- Prominent red LED light signals operation.
- Secure temperature-limiting pins to prevent misuse or accidental operation.
- Compatible with NTC 4.7 kΩ sensors for control.

# Thermal Actuators

Small yet powerful devices play a crucial role in regulating the flow of warm water.



## TS-24

The TS-24 is a simple yet very powerful actuator that's easy to install.

- Easy access for threading the unit onto the manifold.
- Energy efficient and designed to last.
- The blue button rises when the manifold circuit opens, falling as it closes.
- Robust valve with 100 newtons closing force.
- With 80cm of pre-wired cable, ready to connect to the wiring centre.



## TS-28

The TS-28 actuator provides a super-fast installation due to its quick connection design.

- Base ring is screwed to the manifold, fitted with a simple click attachment.
- Energy-efficient design.
- The top hat rises 7mm to indicate when the valve is open.
- Robust valve with 100 newtons closing force.
- 80cm of pre-wired cable, ready to connect to the wiring centre.



## TS-22

The TS-22 electric thermal actuator has extremely low power consumption.

- Highly efficient, low-power actuator design.
- Designed to open and close the manifold valves when system requires.
- Manual opening.
- Reinforced polycarbonate casing.
- Fully tested.



## TS-110

The TS-110 Essence is a robust and powerful four-wire thermal actuator. This specialist product includes an integrated microswitch activated when the valve body is fully open, providing a switch live commonly used for boiler demand, and enabling it to undertake some work normally done by a wiring centre.

- Sight window for easy visual verification of valve status.
- Sturdy valve with a closing force of 90-125 newtons.
- 270 secs for the actuator to open fully from its normally closed position.
- Supplied with 1m of pre-wired cable.
- Compatible with most leading brands of underfloor heating manifolds.

# Control Actuators



Our GR series of actuators deliver precise, reliable control with simple, efficient installation. Designed for performance and durability, the GR-200 and GR-600 provide smooth, quiet operation, making them ideal for a wide range of heating and control applications.



## GR-200

The GR-200 24v 0-10Vdc Linear Actuator is a compact thermal actuator designed for fast installation and reliable control of FCU Fan Coil Units PICV Pressure Independent Controls Valves. These are used in conjunction with HC-400 for operating heating or cooling zones.

- Energy-efficient operation with long-lasting performance.
- Clear open/close indication for easy system checks.
- Robust 100N closing force for secure valve control.
- Supplied pre-wired with an 80cm cable, ready to connect.



## GR-600

The GR-600 Delta T Actuator is a high-performance thermal actuator with a digital display for precise control and easy monitoring.

- Supplied with or without a screen.
- Option without screen has a set Delta T of 5°C, with a flow sensor and return sensor, clipped for positioning on manifold flow and return pipes.
- Integrated digital display provides real-time position or temperature feedback for fast system checks.
- Option with screen has a variable Delta T that can be set per circuit, optimising system efficiency.

# Heating & Cooling

Heating and cooling emitter thermostats provide precise climate control for spaces using underfloor, ceiling, on wall or mixed systems. They can be applied to HIU or FCU, allowing mixed emitter systems to function under one control. They allow users to switch seamlessly between heating and cooling modes, set personalised schedules, and optimise energy use while maintaining comfort. With smart connectivity and intuitive interfaces, these thermostats deliver efficient temperature management for modern living and working environments.



## HC-400

The HC-400 is a slim, smart, programmable thermostat offering heating and cooling control with simple, app-enabled operation.

- Touch capacitive buttons and LCD screen with white backlight and simple navigation.
- Wi-Fi control via Smart Life app or via touch capacitive buttons on thermostat, with manual or programmable settings.
- Heating, cooling, auto, and ventilation modes with frost protection.
- Robust design enables specifier or installer to select relevant system at install, whether fan coil 2-pipe, 4-pipe or radiant floor and fancoil system.
- Child lock, CE & RoHS compliance for safety.



## HC-630

The HC-630 combines a vibrant colour touchscreen with smart features for precise home climate control, modbus capable.

- Wi-Fi enabled for Smart Life app control and easy scheduling.
- 4" TFT colour touchscreen for a modern, intuitive interface.
- Heating and cooling modes with manual or programmable settings, suitable for 2-pipe or 4-pipe applications.
- Open window detection, child lock and frost protection for added safety.
- 7-day, 6-period schedule for tailored energy-efficient comfort.

# Wiring Centres



Our wiring centres are the command hub of the underfloor heating system, orchestrating the intricate network of electrical and hydronic connections to deliver an efficient, high-performing system.



## KF-650

The KF-650 is a high-performance 8-way is evolved from our KF-600, designed to be faster and easier to install without losing the value for money.

- Quick access with single captive screw and release button.
- 25% more internal space with twelve side knockouts and 40% greater connection points, making for quicker and easier wiring.
- LED indicators in multiple different colours for power, pump, boiler, and zones, for quick troubleshooting identification.
- Four dip switch options on the pump delay settings provide flexible choices to prevent pump ageing.
- Spare fuse and nylon ties included, reducing lost installation time.



## KF-510

The KF-510 is a robust wiring centre with a volt-free boiler interlock.

- Available in 6 and 10 way and 24v options.
- Enables fast, straightforward heating control installation.
- Adjustable pump delay.
- Integrated connections for two independent valves.
- Dedicated dip switch for pump opt-out in zone 10.
- LED lit circuits for power, boiler and one of the two additional valves.



## KF-508

The KF-508 is an 8-way wiring centre with selectable 230V or 24V power supply.

- Includes pump and boiler output with voltage free contacts.
- Allows for external time programmer connection.
- LED lit circuits for power, pump and boiler status.
- NSB input for external time control.



## KF-504

The KF-504 is a compact 4-way wiring centre for radiant underfloor heating.

- 230v power supply for seamless integration and optimal functionality.
- LED indicators for pump and boiler status.
- NSB input for external time control.
- Space-saving solution for smaller manifolds.
- Built-in earth protection terminals, dedicated pump live and a neutral terminal block.

# Remote Sensors & Temperature Sensors

Our remote sensors, wired into our thermostats, act as a remote temperature sensor or overtemperature cut off providing real-time data on room temperatures. Temperature sensors are precision instruments that gauge the thermal needs of specific areas of the home. By continuously monitoring and relaying temperature information, these sensors enable the heating system to respond promptly, optimising energy usage and maintaining an ideal temperature.



## TP-200

The TP-200 is a multi-use bullet sensor for use with Whisper thermostats.

- Slimline design for easy installation.
- Suitable for wet rooms with an anti-corrosive stainless steel probe.
- High accuracy of 1%, giving installer confidence.
- Fixed cable lengths available in 3m, 10m, 15m & 20m.



## BP-260

The BP-260 is our other multi-use temperature button sensor for Whisper thermostats.

- Discrete flat-surfaced button design with semi-rigid cable.
- It can be used as a remote sensor or a through-the-wall sensor.
- Thick, semi-rigid cable for feeding through cavities.
- Suitable for wet rooms with an anti-corrosive stainless steel probe.
- Fixed cable lengths available in 3m, 10m, 15m & 20m.



## RH-300

A simple, ABS plastic housing for housing remote sensors.

- Universal design for easy installation of a sensor clipped to the back plate.
- Surface-mounted housing suitable for wall installation or over a single gang back box.
- Slim profile with a depth of only 21mm.

# Central Time and Temperature Programmers



Our time switches enable the scheduling of heating periods, ensuring the underfloor heating system seamlessly aligns with daily routines. Our programmers take this control to a more nuanced level, enabling intricate programming of heating schedules across different zones and adapting to the user's lifestyle with precision.



## TC-140

The TC-140 single, double or triple channel time clock has a contemporary design and user-friendly features.

- Suitable for essential timing functions.
- Up to three channel programming options.
- Slim, surface-mounted design with a 30mm depth.
- Suitable for DHW and multiple heating applications.
- Holiday function.



## EA-700

The EA-700 range offers smart, wireless heating and hot water control with intuitive design and seamless connectivity.

- Smart Wi-Fi control via smartphone for heating and hot water management anywhere.
- Single or dual-channel options to suit a wide range of system setups.
- Large, backlit display with clear temperature, time, and status indicators.
- Flexible scheduling with up to 6 programmable periods per day.
- Energy-saving features including Eco mode, openwindow detection, and frost protection.
- Quick installation with compact, surface-mounted receiver and easy pairing.

# High Limit Stats

Our high limit stats act as a fail-safe mechanism, monitoring the temperature of the heating system to prevent it from exceeding predetermined limits. In the event of any anomaly or potential overheating, it intervenes by interrupting the power supply.



## HL-109

The HL-109 is a versatile Digital Pipe Thermostat complete with a remote sensor suitable for Underfloor Heating and Plant Room solutions.

- Protects underfloor heating against heat source over-temperature failure or high-temperature cycles.
- Ideal for delicate floor finishes or underfloor heating manifolds without mixing capability.
- Provides low limit or frost protection by driving a pump/heat demand or trace heating.
- Exercises a pump for 5 seconds every 5 days to prevent seizing, extending pump life.
- Simple interface with power, up and down buttons, and a clear digital display for quick, accurate setup.
- Visible temperature reading allows for system checks without additional testing equipment.



## HL-090

The HL-090 is a Dial Pipe Thermostat complete with wrap around spring suitable for Underfloor Heating and Plant Room solutions.

- Protects underfloor heating against heat source over-temperature failure or high-temperature cycles.
- Ideal for delicate floor finishes or underfloor heating manifolds without mixing capability.
- Provides low limit or frost protection by driving a pump/heat demand or trace heating.
- Simple interface with dial temperature settings.
- Mounts on water pipes and hot water cylinders.
- Switch type single pole / double throw.

# 24v Solutions



Our low-voltage 24v solutions pose a minimal risk of severe electric shock compared to the mains voltage (typically 230v) used in traditional heating systems. Lower voltage also reduces the risk of sparking or arcing, which can be a fire hazard. They are ideal for use in buildings where safety and control are key, such as care homes, schools, hospitals, offices with multiple control zones, and homes with centralised heating control systems.

## Dial Thermostats



DT-350



DT-130

## Smart Thermostats



MU-055

## Programmable Thermostats



ST-300

## Tamperproof Thermostats



DT-340

## Thermal Actuators



TS-24



TS-28

## Wiring Centres



KF-510



KF-508

# Electric Underfloor Heating

Our electric underfloor heating range combines sleek, smart thermostats with precise sensors and reliable safety controls. From programmable digital thermostats and app-enabled Wi-Fi control to compact temperature sensors and high-limit protection, every product is designed for simple installation, efficient performance, and complete comfort. Whether it's a single-room setup or a whole-home system, Whisper Controls makes electric underfloor heating simple, smart, and effective.

## Smart Thermostats



MU-200

## Programmable Thermostats



ST-300

## Temperature Sensors



TP-200

# Services



We offer a range of services designed to enable our customers to deliver straightforward smart living. Our dedicated team offers direct telephone support, ensuring you have direct access to experts who understand your needs.

## **Private labelling (500pcs your brand)**

We can add your company's logo to our products to give you a high-quality product that features your brand. This means you can build loyalty with your customers by giving them the peace of mind of the brand they recognise on a high-performance product.

## **OEM – bespoke design to fit into your product**

We use our technical expertise to offer customised, branded controls solutions that align precisely with our customers' needs and specifications.

## **ODM – Original Design and Manufacture**

We offer straightforward, ready-made, customisable controls solutions that allow our customers to swiftly bring innovative products to their range without the risk of failure.

# Working With Us

When you work with us, it's a straightforward experience from design to delivery. Our expert team have extensive technical knowledge to support you with finding the right Whisper Controls products for your needs.

Contact us today to discuss your project requirements.

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