Underfloor Heating Controls – New Range



Product Brochure

ISSUE 1 – JANUARY 2026

5 YEAR WARRANTY



Find out more at:
Polypipeufh.com

Polypipe Underfloor Heating

Smart Touch RF Thermostats

Our new range of touch thermostats have been designed to give you complete control of any Polypipe Underfloor Heating System allowing for seamless integration with the Polypipe 10 Zone RF Wiring Centre. By adding the Wi-Fi gateway Hub, you will be able to control your system from your smart phone using the Polypipe UFH app. They are also compatible with most Voice Assistants, for effective hands-free operation such as Alexa, Siri or Google Assistant.



UFHSSTATW

PRODUCT INFORMATION

This hard-wired version of the touch thermostat range requires a 230v supply (Live & Neutral) **this must be isolated from the same fused spur as the UFH10ZRFW Wiring Centre and the heat source as per the wiring details to ensure electrical safety during installation / maintenance.** The thermostat should be mounted to a 1 gang recessed back box and communicates with the wiring centre via RF.

Features:

- Low power consumption of <1W
- TPI (time proportional & integral), DS (delayed start) and SB (setback) to provide greater efficiency for your home heating
- Modern, Slimline and attractive
- Keypad / Pin locks
- Backlite digital display (white)
- Smartphone controllable via the Polypipe App
- Full voice control with popular home automation assistants, like Alexa & Google Assistant
- Floor and ambient air temperature monitoring via best-in-class NTC sensors (Internal stat sensor NTC100K & External Sensor NTC10K) for precise control
- For even more control 2 sensors can be connected to provide both floor and ambient air temperature control (should be mounted in NTC box UFHFSBW)



UFHSSTATRFW

PRODUCT INFORMATION

This wireless version of the touch thermostat range is battery operated requiring 4 x AAA batteries supplied in the box. The thermostat can be mounted to a recessed conduit or surface mounted box, as well as directly being mounted to the wall, or table mounted with the included stand. The thermostat also communicates with the wiring centre via RF.

Features:

- Wireless perfect for RMI projects
- Portable positioning
- TPI (time proportional & integral), DS (delayed start) and SB (setback) to provide greater efficiency for your home heating
- Modern, Slimline and attractive
- Keypad / Pin locks
- Backlite digital display (white)
- Smartphone controllable via the Polypipe App
- Full voice control with popular home automation assistants, like Alexa & Google Assistant
- Floor and ambient air temperature monitoring via best-in-class plug NTC sensors (Internal stat sensor NTC100K & External Sensor NTC10K) for precise control
- For even more control 2 sensors can be connected to provide both floor and ambient air temperature control (should be mounted in NTC box UFHFSBW)

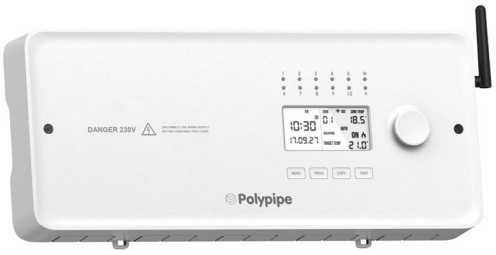
Available on the App Store | GET IT ON Google Play | works with the Google Assistant | amazon alexa

Find out more at:
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Polypipe Underfloor Heating

Smart RF Wiring Centre

The UFH10ZRFW is designed to manage & control the distribution of heat throughout the different zones of your heating system, whether that is just underfloor heating, radiators or both. The wiring centre provides a centralised point for installing & managing your system making it ideal for both new and retrofit installations. Each zone can be independently controlled to meet the specific heating requirements of that area. The UFH10ZRFW receives information via radio frequency from your wireless thermostats & operates the actuators or valves for that zone accordingly.
The wiring centre display provides users with information about the heating system including temperature readings. The wiring centre can integrate with the UFHGW gateway allowing the user to control & monitor their underfloor heating system from their smart phone or tablet. In summary the UFH10ZRFW acts as the brain of the underfloor heating system, coordinating communication between thermostats & actuators to achieve efficient & customisable heating in different zones of a building.



UFH10ZRFW

PRODUCT INFORMATION

Our 10 Zone Wiring Centre offers multiple options for controlling your whole house heating including both cylinders and hot water zones ensuring there is no need for multiple apps to control your home.

Features:

- Mains Powered 230vac
- LED indicators
- Digital interface and clear LCD screen allowing visibility and control of your entire heating system from one convenient location
- Backlite digital display (white)
- 10 controllable zones fully programmable
- Fully compatible with both wired and wireless touch thermostats making it ideal for extension / renovation projects
- Pump delay 0 to 5 minutes
- Anti seize & test functions
- Pin lock for extra security
- Built in RF receivers adding to the compact design
- Easy pairing process
- Up to 4 actuators can be controlled from 1 thermostat / zone
- Heat enabled volt free contacts
- Frost protection & holiday modes
- Switch outputs to enable radiators, cylinder and hot water zones to be controlled
- Adding the UFHGW Wi-fi Hub gives you full app control over your home heating system

Available on the App Store
GET IT ON Google Play
works with the Google Assistant
amazon alexa

UFH Wi-Fi Hub

Used to connect your Polypipe compatible Smart Touch Thermostats to the Polypipe Smart Home Heating app. It utilises RF communication to connect to your heating controls whilst connecting to the Polypipe cloud server via your home Wi-Fi network.
It is compatible with both 2.4GHz and 5GHz wireless networks.



UFHGW

PRODUCT INFORMATION

Our dual band Wi-Fi Hub allows for both the wired & wireless Smart Touch Thermostats to communicate via RF with the UFH10ZRFW which in turn connects via Wi-Fi to your router.

Features:

- Mains Powered 230vac
- LED indicators
- Small sleek design
- Easy pairing process
- Wireless connection to home router
- Can control 1 or 2 RF Wiring Centres per Wi-Fi Hub
- Reset function
- App connectable which is available via Apple App Store & Google Play

Polypipe Smart Home Heating

Download the Polypipe smart home heating app today!

Available on the App Store | GET IT ON Google Play | works with the Google Assistant | amazon alexa

Hardwired Programmable Thermostat

This mains powered programmable thermostat with its simple interface and large display offers homeowners who don`t require internet control but want to have optimum control of their energy costs and comfort levels in one simple device.



UFHPSTATW

PRODUCT INFORMATION

The Polypipe Programmable Thermostat is a recessed version that mounts into a 1 gang recessed back box. It requires a 230v supply which is provided by one of the hardwired wiring centres in our range (UFH5ZW or UFH10ZW). The thermostat call for heat is operated by a switched contact (SPDT Volt Free) built within the stat.

Features:

- Mains Powered 230vac
- Switch output: SPDT Volt Free
- Reset function
- Frost Protection
- Optimum Start
- Calibration
- Boost Function + 1h
- Keypad Lock
- Fully programmable
- Hysteresis differential factory set at 0.4°C
- Backlite LCD digital display (white)
- Temperature range 5-35°C
- Program memory backup of 3 months (Battery size LIR2032)
- TPI (time proportional & integral) to provide greater efficiency for your home heating
- Floor and ambient air temperature monitoring via best-in-class NTC sensors (Internal Stat Sensor NTC100K & External Sensor NTC10K) for precise control if required in an adjacent room (should be mounted in NTC box UFHFSBW)

Hardwired Dial Thermostat with Time Clock

This simple range of heating controls gives you the basic time and temperature control needed to regulate the comfort of your home heating without complication. Using the straightforward one-turn mechanism of the dial thermostat couldn`t be easier, simply set the desired room temperature which is also displayed on the small LCD screen. Time control is done via the four-channel time clock just choose from one of the pre-set programs or program your own.



UFHDSTATW

PRODUCT INFORMATION

This hardwired dial thermostat has a simple dial to turn up or down the temperature which is displayed on the small rectangular LCD display. The thermostat requires a 230v supply (Live & Neutral). Mounting the thermostat is done by either directly mounting onto the wall or by using a recessed conduit box.

Features:

- LCD display
- TPI (time proportional & integral), DS (delayed start) and PB (Proportional Bandwidth) to provide greater efficiency for your home heating
- Keypad / Pin locks
- On/Off
- Backlite digital display (white)
- Hysteresis control
- High & low limit setting



UFHTCW

PRODUCT INFORMATION

This hardwired 230v Time Clock consists of 4 separate channels allowing for separate programming of each zone via the LCD display.

Features:

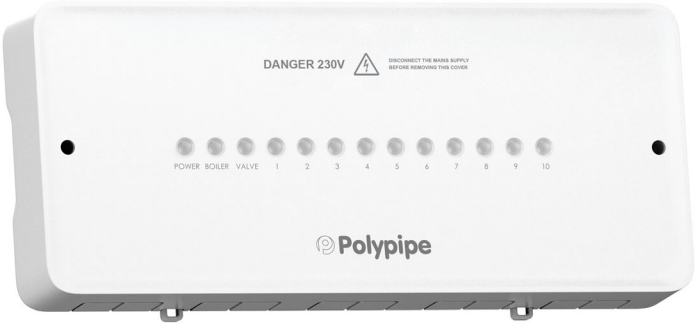
- 4 programmable channels
- Battery backup via 3VDC Lithium LIR2032 & CR2032
- Time and day displayed
- 3 pre-programmed daily heating programs P1, P2 & P3
- Keypad / Pin locks
- Backlite digital LCD display (white)
- Master reset
- Holiday mode
- Boost function
- Frost protection
- Service reminder count down

Hardwired Wiring Centres

Using the 5 Zone & 10 Zone Wiring Centres makes wiring easy whether you are just connecting underfloor heating or wanting to control radiators & hot water as well. With two integrated switches on the last two zones of both units controlling everything from one distribution point offering greater flexibility and simplicity for any installation.
Both wiring centres integrate seamlessly with our range of thermostats both new and old reflecting our commitment to both customers and the environment by promoting durability over disposability. With clearly labelled outputs for the zone valve, pump, heat enable, and zones makes both installation and troubleshooting straightforward saving the installer time.



UFH5ZW



UFH10ZW

PRODUCT INFORMATION

Both our 5 Zone & 10 Zone Wiring Centres integrate seamlessly with your whole house heating including radiators, cylinders / hot water zones ensuring there is no need for multiple wiring distribution units in your home.

Features:

- Mains Powered 230vac 50-60Hz
- LED indicators (Power, Boiler, Zone Valve, Zones 1 – 5 (UFH5ZW) & Zones 1 – 10 (UFH10ZW)
- Control of your entire heating system from one convenient location
- Up to 4 actuators can be controlled via one thermostat / zone
- 10 controllable zones
- 2 integrated switches for Rads and/or HW
- Compatible with wired thermostats both new and old versions (please check compatibility of thermostats prior to installation)
- Time Inputs 3 (UFH5ZW) & 4 (UFH10ZW)
- Heat enabled volt free contacts

Thermostat Accessories

In some instances, NTC10K temperature sensors maybe required to control ambient air temperature in an adjacent room in this case the temperature sensor should be mounted in an NTC Housing (UFHFBW). Where control is needed for the floor surface temperature to ensure a certain temperature is not exceeded i.e. where a resilient flooring has been installer (LVT) the sensor can be installed in the floor. Using best in class NTC sensors our range of Polypipe thermostats provide precise control of home heating systems.



UFHFSW

For use with wired thermostats only



UFHPFSW

For use with wireless thermostat range only (UFHSSTATRFW)



UFHFBW

PRODUCT INFORMATION

Features:

- Both NTC10K temperature sensors come in a length of 2M
- Can be used as either an adjacent room sensor (mount in UFHFBW) or floor high limit sensor
- Sensors can be extended up to a maximum of 10M in addition to the 2M as supplied
- Sensor housing is easy to mount as it is surface mounted

Thermal Actuators

Our range of factory set Normally Closed (NC) thermal actuators are available in both 230v and 24v versions. Actuators are used to open and close circuits on the underfloor heating manifold based on signals from your heating system.



UFH00401 & UFH0040124
2 Wire Thermal Actuators



UFH00402
4 Wire Thermal Actuator with End Switch

PRODUCT INFORMATION

There are 3 different variants of thermal actuator for use with underfloor heating:

1. 2 Wire Thermal Actuator 230v for use with all Polypipe Wiring Centres (UFH5ZW, UFH10ZW & UFH10ZRFW)
2. 4 Wire Thermal Actuator 230v with End Switch for systems where an auxiliary switch is required
3. 2 Wire Thermal Actuator 24v for use with low voltage systems (not compatible with Polypipe 230v Wiring Centres)

Features	UFH00401	UFH0040124	UFH00402
230v Powered	✓		✓
24v Powered		✓	
Actuator Type	Normally Closed or Open	Normally Closed or Open	Normally Closed
Auxiliary Switch			✓
Valve Connection	M30 x 1.5	M30 x 1.5	M30 x 1.5
Cable Length	1m	1m	1m
Valve Position Indicator	✓	✓	✓
No of Wires	2	2	4

2 Port Motorised Zone Valve

The UFHZV1 Zone Valve is specifically designed for use in domestic applications only.
22mm compression connections on the valve body allow for primary pipework to be connected using the nuts and olives provided. When installing the body ensure the flow is going in the direction of the arrow shown on the body. (A to B).
Additionally, the actuator head of the valve is removable and features a detachable power cable.



UFHZV1

PRODUCT INFORMATION

The Polypipe 2 port motorised zone valve is used to isolate each underfloor heating manifold off from each other in a multi manifold system or to isolate radiators on your heating system (S-Plan System). During operation, the actuator has an LED indicator when in the open position.

Features:

- Mains Powered 230v
- Power Consumption of only 5W
- Auxiliary Switch Contact Rating 11(3)A
- Flow direction indicator on valve body (A to B)
- 1.2 metre detachable cable included
- Automatic (Normal operation must be in Auto) & manual positions
- 22mm compression connections (nuts & olives)
- LED operation indicator
- Removable zone valve head



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Underfloor Heating