WARP SYSTEMS — UNDERFLOOR HEATING

Wireless control system with WiFi/Zigbee functionality for water-based underfloor heating systems

The stylish thermostat with WiFi functionality is a programmable thermostat designed to control water-based nderfloor heating systems. The HeatLink app is available in the Apple App Store and on Google Play. Within the app, settings can be programmed and adjusted. To control multiple rooms (zones), additional **H128-T thermostats** can easily be added.

Wireless connection

The smart thermostats communicate via RF868 signals with the wireless **H128-CC** to control the zones of the underfloor heating or cooling system. The thermostats connect to the gateway using the Zigbee protocol, which links them to the WiFi router, allowing the thermostat to be controlled via the app.

H128 Control Centre with wireless communication

The **H128-CC** communicates wirelessly with the thermostats via RF 868 MHz signals and sends open and close commands to the thermal actuators. The **H128-CC** can connect to up to 8 wireless thermostats per Control Centre. Additionally, it can control up to 10 actuators per zone, with a maximum of 64 actuators per Control Centre across all zones.

Expansion

Up to 8 wireless **H128-CC's** can be cascaded via a wired link. All connected control centres are synchronized with the first unit in heating/cooling mode, which handles the signal to open or close the boiler or heat pump.

Functions

WiFi	✓	2.4Ghz
App	✓	iOs & Android
Voice control		Google assistant and Amazon Alexa
Programmable		Up to 3 periods per day
Certification		CE

Specifications

Type	Wireless control system with WiFi
Suitable for	Water-based systems
Control	Touchscreen / App
Sensors	Room sensor / Floor sensor
Voltage	230V – 50/60Hz
Max. number of zones	64 groups per Control Centre
Max. load	10A/230V
Temperature range	+5°C/+40°C
IP rating	128CC: IP40 | 128-T: IP21

WiFi · zigbee · GET IT ON Google Play · Download on the App Store · Google Assistant · WORKS WITH alexa · IP21

THIN · QUICK · LIGHT · WATER · SUSTAINABLE

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H128-CC Control Centre wireless

Power source	100-240VAC 50/60Hz (max. 10A)
Communication	RF 868Mhz
Wireless range	Maximum 100m
Operating temperature/ humidity tolerance	0~50°C, 0~80% (non-condensing)
Colour	Polarwhite (RAL9010)
Dimensions (L×W×D)	298mmx88mmx64mm
IP class	IP40

298mm · 88mm · 88mm · 64mm
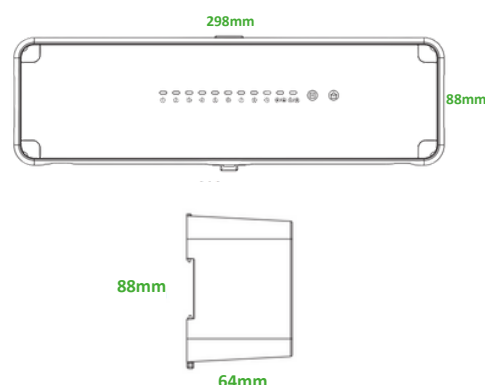
H128-T Thermostat

Power supply	2AA Batterij
Battery lifespan	1 jaar
Operating temperature/ humidity tolerance	0~50°C, 0~80% RH (niet-condenserend)
Operating temperature	0~50°C
Accuracy	0,1°C
Colour	Polarwhite (RAL9010)
Dimensions (L×W×D)	100mmx100mmx19,6mm
IP class	IP21

100mm · 100mm · 19,6mm
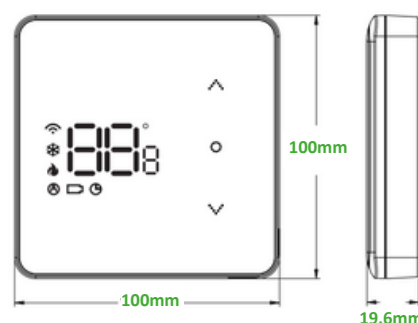
Warranty
2-year warranty on electronic operation.

Factory Fitted link · IN OUT Overheat stat · BR N PE GR OR UFH Motorized valve

Actuator connection (Relay Imax 2A) Max. 64 actuators
L N Actuator Zone 1 ... Zone 8

Boiler ON/OFF (Relay Imax 1A) · Heat demand ON/OFF (Relay Imax 1A) · Cascade input (Imax 100mA) · UFH pomp

230V · 230V/5A
Power L N PE · UFH Pump PE N L
HW Timer N L SL · HW Cilinder Thermostat IN OUT · HW Motorized vave BR N PE GR OR
Com NC NO boiler · Com NO Heat demand · B A +12V GND RS485 power output
H/C mode NO NC Com · Cool demand Com NO · H/C in put CO GND

Factory Fitted link

Max. 10 actuators per zone, with a total maximum of 64 actuators per H128-CC

External cooling changeover input (e.g. heat pump)

Zone 1 OFF ... Zone 8 OFF / ON
Address 0 · Pump control 3 · Boiler&pump delay 3 · Cascade link M · Thermostat control ON · Systeem H/C

230V · Junction box 1 · NC · 230V · NC
Cool demand ON/OFF (Relay Imax 1A)
Heating/Cooling changeover output only in Thermostat Control mode (Relay Imax 1A)(Relay Imax 1A)
RF antenna input

230V · Junction box 2 · NC
max 1A
230V
Imax (8)5A
Max. 10 actuators per zone
With a total maximum of 64 actuators per H128-CC