

CODE OF CONDUCT

Thermo-Floor AS has prepared a code of conduct for corporate social responsibility and ethics that all our suppliers and distributors must sign.

This Code is based on the principles of ISO 26000:2010 "Social responsibility", as well as applicable human rights conventions implemented in Norwegian law.

Our code contains, among other things, points regarding:

- Child labor, forced labor and slave labor
- Corruption
- Human rights
- Basic working conditions
- Organizational law
- Environmental considerations
- Health and safety



Conformité Européenne (CE) CE marking of a product means that it complies with the regulations and legal requirements imposed on the product through the EEA and can therefore be sold in Europe.



The Nemko mark is proof of compliance with relevant safety and EMC standards in Norway.



The Eurasian Conformity Mark (EAC) is a certification mark to indicate that products conform to all technical regulations of the Eurasian Customs Union.



WEEE is an EU directive which states that manufacturers of electrical and electronic products are responsible for the collection and recycling of the products when they are disposed of.



Restriction of Hazardous Substances Directive - RoHS is an EU directive that prohibits cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers in certain types of electrical and electronic products

Photos:
InHouse Thermo-Floor AS / Heatit Controls AB

Istockphoto.com
Colourbox.com
stock.adobe.com

Product photos from suppliers.

CERTIFICATIONS

We want to contribute to developing eco-friendly solutions, and our efforts have resulted in several certifications we can be proud of.

ISO CERTIFIED ISO 9001:2015 & ISO 14001:2015

Thermo-Floor AS is certified according to ISO 9001:2015 and ISO 14001:2015. Our guidelines for ethics and social responsibility are based on the principles of ISO 26000:2010



SUSTAINABILITY



Thermo-Floor AS works purposefully to be a positive force in the society around us and to contribute to innovation. We wish to contribute to sustainable social development and reduce the environmental impact associated with our activities. Our goal is to take care of the environment and people, while creating value, growth and innovation.



We have an internship program.



Heatit Controls AB / Thermo-Floor AS can not be held liable for typographical errors, other errors or omissions in our information.

All electrical installations must be carried out by a licensed electrician. The product must be installed in accordance with our installers manual or national building codes.

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ThermoFloor
— smart heating solutions —

HEATIT CONTROLS

Heatit Controls AB offers an innovative range of heating control products, from basic thermostats, relays, switches and dimmers, to advanced solutions for smart homes. Almost all of our products use Z-Wave, the world's largest system of interoperable IOT products.

Heatit Controls AB is a sister company of Thermo-Floor AS in Norway. Thermo-Floor AS has operated in the floor heating market for more than 30 years and are continuously investing in new innovative products.



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Pål



Tine



Mats Even



Jan Åke



Pål



Gjermund



Ann Kristin



Heidi



Mats Even



Øyvind



Gyorgy



Frank



Jonas



Imre



Odd Reidar



Tove



Lars Fredrik



Harald



Ruben



Finn Morten



Morten



Frode



Jan



Einar



Cato



Stein Tore



Per Håkon



Astrid



Ine



Harry



Frode



Fredrik



Robert



DAYTIME, NIGHTTIME, HOME OR AWAY,
– YOUR HOUSE RUNS ITSELF



Heating control

is the most basic form of smart house functions, and probably also the easiest way to get started. The heating management features are, of course, also the ones that benefit your wallet the most, through e.g. primary controlled setback of heating cables, heating panels or heat pumps. All devices may be controlled based on the time of day, temperature - or even the weather forecast.



Sun screening

is an energy-efficient way of regulating your indoor climate and comfort level. Even though we enjoy spending some time in the sun, a nice rest in the shade also feels great. Sun screening protects your furniture from fading and keeps the temperature comfortable.



Safety

is not truly about locks and alarms, but about technology that contributes to home security. Letting you know that your children have come home from school, or allowing you to keep living in your home for as long as possible when you grow older, making sure that you get the help you need. Hopefully, a security guard is not what you need the most, but rather something that lets you check if the coffee maker was actually turned off, or that the basement has not been flooded while you were on vacation. And should someone enter your home unlawfully you will be notified immediately wherever you are.



Lighting control

is basically programming lights to be turned on and off automatically. This may be controlled by a timer or via a motion sensor, so they only use power when needed. The lights turn on when the family wakes up at seven o'clock and turn off when the last person has gone off to school at eight o'clock. If junior needs to go to the bathroom at night, the light switches on automatically, making the trip back and forth free from scary shadows.

YOUR DIGITAL CUSTODIAN

06.00: The roller blinds go up and the lights turn on gradually for a comfortable morning.

06.30: The temperature in every room is perfectly adjusted. Your favorite music plays in the bathroom at the volume you prefer.

07.00: The coffee machine starts, getting the coffee ready for when you are dressed and want to have breakfast.

07.45: All the lights turn off when you head out of the house in the morning. The door is locked automatically. The outdoor lights turn off when the sun rises. The alarm is activated. The temperature is lowered. The garage door opens, and the light switches on.

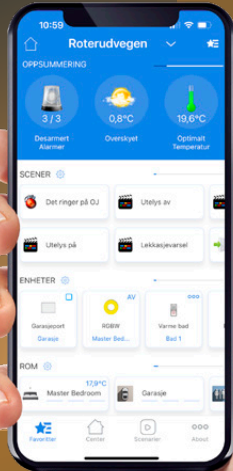
15.00: When your children come home from school, you will be notified when they have entered the code on the front door lock, so you know they have arrived safely home. The temperature is adjusted to a comfortable level.

19.00: The lights, heating and blinds are adjusted for evening mode.

23.00: All lights turn off, but set to activate at 30% if motion is detected.



WITH Z-WAVE
YOU CAN
CONTROL
YOUR LIGHTS,
HEATING AND
SUN SCREENING
THROUGH
AN APP



SMART

solutions for smart homes

WHAT IS Z-WAVE?

Z-Wave is a wireless communication protocol for managing all smart devices in your home.

Z-Wave is the language these units use to communicate with each other.

Heatit Controls AB is a member of the



WiFi



Bluetooth



Matter



NFC



Zigbee



WHAT IS Z-WAVE PLUS?

Z-Wave Plus certification confirms that a device is up to date with the newest Z-Wave Plus standards and contains the newest Z-Wave hardware. This ensures you that the product is stable, with enhanced battery life, increased range and optimal compability with other Z-Wave Plus certified products.



SMARTSTART

SmartStart is a new, efficient and fast way of adding devices to your Z-Wave network. You simply install the device and power it up. The gateway automatically recognizes and adds the device, or you may choose to do it by scanning the QR code printed on the unit itself. Adding devices has never been easier or faster.



S2 SECURITY

S2 security is a security standard for Z-Wave which uses advanced encryption to safeguard your Z-Wave network from hacking or «man-in-the-middle» attacks. You may use Z-Wave doorlocks, garage door openers and similar devices without jeopardizing your security.



POWER METERING

Devices marked with Power Metering has the option of measuring power consumption on the connected load.

COMPABILITY BETWEEN Z-WAVE UNITS

With a great variety of Z-Wave units, not all will work smoothly with all gateways on the market. We are happy to share our experiences regarding the interoperability of our products. Upgrading to beta versions are not recommended.

MESH NETWORK

Z-Wave units contribute to creating a mesh network. A mesh network lets devices receive and send signals to surrounding units to enhance signal range and increase network stability.

Z-WAVE UNIT RANGE

Z-Wave unit range may vary according to surrounding building mass. All Z-Wave Plus units have been tested for a range of up to 40 meters in an unobstructed space.



WIFI

WiFi is a family of wireless network protocols, commonly used for local area networking of devices and Internet access, allowing nearby digital devices to exchange data through radio waves.



BLUETOOTH

Bluetooth is a wireless technology that allows the exchange of data between different devices.



MATTER

Matter was announced by CSA (Connectivity Standards Alliance) in 2019 and aims to reduce fragmentation across different vendors, and achieve interoperability among smart home devices and Internet of things (IoT) platforms from different providers.



NFC

NFC, also known as Near Field Communication, is a network technology designed for short distance communication between devices with NFC. NFC is used e.g in contactless payments.



ZIGBEE

Zigbee is a standards-based wireless technology developed to enable low-cost, low-power wireless machine-to-machine (M2M) and internet of things (IoT) networks.

AMBIENT TEMPERATURE

The temperature interval that the unit may be placed in for extended periods of time.

TEMPERATURE RANGE

This is the minimum and maximum temperature that the thermostat can use as a setpoint.



Heatit Rotary Dimmers provide lots of options for installation and use. Smart dimmers with Z-Wave, Zigbee or Bluetooth as well as traditional rotary dimmers complete the range.

heatit

CONTROLS

SMART NEWS



- POWER METERING
- SMART START
- S2 SECURITY
- OTA UPDATE
- 3WAVE PLUS

Heatit Z-TRM6 is an electronic thermostat for electrical underfloor heating. The thermostat allows you to control your electrical underfloor heating through your Z-Wave network or via the buttons on the front. The thermostat has an easy user interface.



The Heatit ZM Dimmer is a Z-Wave dimmer for hidden installation in a standard wall box. The dimmer allows you to control connected light sources either via the Z-Wave network or via a wired switch.

The dimmer allows you to connect two external switches that can be used to control the light, associated devices and scenes.

- POWER METERING
- SMART START
- S2 SECURITY
- OTA UPDATE
- 3WAVE PLUS



Heatit Z-Water2 is a DIN rail regulator for controlling waterbased underfloor heating. The module attaches directly to a DIN rail to add a variety of functions to your wireless Z-Wave network.

- SMART START
- S2 SECURITY
- OTA UPDATE
- 3WAVE PLUS

Heatit WiFi6 is an electronic thermostat for electrical underfloor heating. The thermostat is controlled via the MyHeatit App over WiFi, Bluetooth, or via the buttons on the front. The thermostat has an easy user interface.



- POWER METERING
- OTA UPDATE
- WIFI

- MyHeatit App
- Google Play
- Available on the App Store



MyHeatit

Our new WiFi products - both those launching now and coming later will all support our newly developed app - MyHeatit

The app contains functionality that enables you to control your smart home via WiFi or Bluetooth Low Energy (BLE).

Special for this app is its functionality in connection with installation. The installer can connect, include and organize your devices before the entire system can be easily transferred to the home owner.

In addition, of course, functions such as scenes, schedules, user management etc. be an important part of the app. MyHeatit will also be connected to our own cloud solution Heatit Cloud2 for safe and easy handling of data, backup and functionality.

MyHeatit will be available for Android and for iOS during the first half of 2023.



Look for products marked with MyHeatit brand.



Heatit WiFi6 - White RAL 9003 Art. no. 54 305 42



Heatit WiFi6 - Black Matt Art. no. 54 305 43

HEATIT WIFI6

Heatit WiFi6 is an electronic thermostat for electrical underfloor heating. The thermostat is controlled via the MyHeatit App over WiFi, Bluetooth (BLE), or via the buttons on the front. The thermostat has an easy user interface.

Heatit WiFi6 has 3 modes; Heat, Cool and Eco.

Mounted in a standard wall box and fits into System 55 frames. The thermostat has a metal frame for solid mounting in a wall box. It has an internal sensor and two external sensors can be connected.

Heatit WiFi6 has power metering and it gives you the real time information about your power consumption.



Heatit WiFi Dim - White RAL 9003 Art. no. 14 444 70



Heatit WiFi Dim - White RAL 9010 Art. no. 14 444 71

HEATIT WIFI DIM

Heatit WiFi Dim is a WiFi twist dimmer for many different types of light sources. The dimmer works on most low loads without causing flicker. Heatit WiFi Dim is suitable for use with LED lights.

The dimmer is controlled via the MyHeatit App via WiFi, Bluetooth (BLE), or from the turning wheel on the front of the dimmer.

The dimmer has the option of an external switch that allows you to dim and turn the light on/off.

Mounted in a standard wall box and fits into System 55 frames.

Heatit WiFi Dim has power metering and it gives you the real time information about your power consumption.





HEATIT WIFI6

Heatit WiFi6 is an electronic thermostat for electrical underfloor heating. The thermostat can be controlled using MyHeatit App through WiFi, Bluetooth (BLE), or from the buttons on the front of the thermostat. The thermostat has an easy user interface.

Heatit WiFi6 has 3 modes; Heat - Cool and Eco.

The thermostat has a sturdy metal frame and fits in standard European wall box. It can be used with most frames that are adapted to System 55. The thermostat has a builtin sensor and can be connected to two external sensors.

The thermostat has builtin WiFi and Bluetooth that allows you to control the unit from an APP. The App "MyHeatit" can be downloaded from Google Play and App Store. The device has an open API that supports Amazon Alexa and Google Home.

Heatit WiFi6 has power metering and it gives you the real time information about your power consumption.



heatit.com

WIFI

heatit



FUNCTIONS

- WiFi/BLE thermostat
- Floor sensor
- Internal room sensor
- External room sensor (wired by cable)
- Power regulator
- Temperature limiter
- 3 modes; Heat, Cool and Eco
- Firmware update (OTA)
- Weekly schedule
- Power metering
- Hystereses/PWM
- Relay status icon
- Adjustable display brightness
- Single pole switch
- Lock mode/child lock
- Temperature calibration
- Open window detection

TECHNICAL DATA

Protocol	WiFi 2.4GHz/BLE
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	<2.0W
Ambient temperature	5°C to 40°C
Hysteresis	0.3°C to 3.0°C (default 0.5°C)
Humidity	10% to 85% RH
Compatible with NTC sensors with values	6.8, 10, 12, 15, 22, 33, 47 and 100kΩ @ 25°C
Product size (WxHxD)	84 x 84 x 45mm
IP Code	IP 21
Approvals	CE, Nemko



ARTICLE NO.	NAME	COLOR
54 305 42	Heatit WiFi6 WiFi Thermostat 3600W 16A	White RAL 9003 
54 305 43	Heatit WiFi6 WiFi Thermostat 3600W 16A	Black matt 



MyHeatit App



heatit

WIFI6





HEATIT WIFI DIM

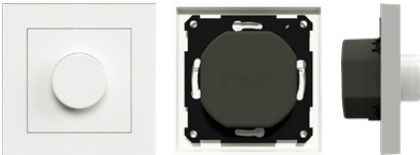
Heatit WiFi Dim is a rotary dimmer for many different types of light fixtures. The Dimmer works on most low loads without causing flickering. Heatit WiFi-Dim is very well suited for LED.

The dimmer can be controlled using MyHeatit App through WiFi or Bluetooth (BLE), or from the rotary wheel on the front of the dimmer.

The dimmer is equipped with an external switch option. This allows you to dim and turn on/off the light.

The dimmer fits in an European electrical wall box and can be used with most frames that are adapted to System 55.

Heatit WiFi Dim has power metering and it gives you the real time information about your power consumption.



heatit.com

WIFI

FUNCTIONS

- WiFi/BLE rotary dimmer
- 2 or 3-wire
- 5W - 250W LED
- Rotary and push dimming
- Nemko certified
- Power metering
- Firmware update (OTA)
- Overload protection
- Short circuit protection
- Surge protection
- Overheat protection
- External switch
- Min. dim level adjustable
- Max. dim level auto-calibration

TECHNICAL DATA

Protocol	WiFi 2.4GHz/BLE
Rated voltage	230VAC 50Hz
Effect	5W - 250W
Controls	Push and rotary dimmer
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Flush mounting depth	24mm
Product size (WxHxD)	84 x 84 x 43mm
IP Code	IP 21
Approvals	CE, Nemko

POWER METERING

OTA UPDATE

WIFI

N

CE

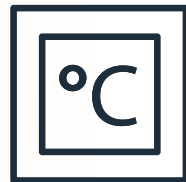
ARTICLE NO.	NAME	COLOR
14 444 70	Heatit WiFi Dim WiFi Rotary Dimmer 250W	White RAL 9003
14 444 71	Heatit WiFi Dim WiFi Rotary Dimmer 250W	White RAL 9010
14 444 46	Heatit Rotary Dimmer Black Plastic Kit	Black matt

MyHeatit App

GET IT ON
Google Play

Available on the
App Store





THERMOSTATS FOR MOST USES

Heatit Controls AB and Thermo-Floor AS aims to deliver quality products in several segments. Thermostats are no exception and we have come a long way in our work to offer a wide range that works for different types of installations and users. From the traditional thermostats with turning wheels to thermostats with buttons and a range of settings - to the really smart thermostats with either WiFi, Bluetooth or Z-Wave functionality, we believe there is a thermostat for every project.



— smart heating solutions —



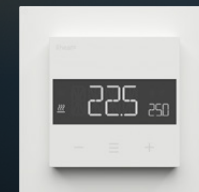
heatit MULTI REG

Z-WAVE THERMOSTATS

Z-Wave is a smart home standard that enables the exchange of data over a specific protocol. This can then be connected to different devices with different functions, including thermostats. The beauty of our Z-Wave thermostats is that these can be controlled using apps and can also be controlled by, for example, temperature sensors, scenes, programs and other devices in the same Z-Wave network.



Heatit Z-TRM6
Z-Wave thermostat



White RAL 9003



Black matt

Heatit Z-TRM3
Z-Wave thermostat



White RAL 9003



Black RAL 9011

NFC THERMOSTAT

Our NFC thermostat is designed so that changes made in an accompanying app are transferred to the thermostat via NFC (Near Field Communication). In the app, you can quickly set up weekly program and lowering of temperature during the night etc.



Heatit 7S NFC
NFC Smart thermostat



White RAL 9003



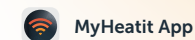
Black RAL 9011 (plastic kit)

WIFI THERMOSTATS

WiFi is a simple format that most people have in their homes. These thermostats are linked to your existing WiFi network and let you use an app to control and monitor the thermostat - without having to buy a separate gateway.



Heatit WiFi6
WiFi & Bluetooth thermostat



White RAL 9003



Black matt

Heatit WiFi
WiFi thermostat



White RAL 9003



Black matt

TRADITIONAL THERMOSTATS

Traditional thermostats that work the way thermostats have for a long time. That is, you control them using the built-in buttons or other means of regulation to set the temperature level or find information in the menu system of the thermostats. These thermostats cannot be controlled from either an app or a gateway.

Multireg6
Thermostat 3600W 16A



White RAL 9003



White RAL 9010



Black matt

Z-WAVE



FUNCTIONS

- Z-Wave thermostat
- Floor sensor
- Internal room sensor
- External room sensor (wired by cable)
- Power regulator
- Temperature limiter
- 3 modes: Heat, Cool and Eco
- SmartStart
- Temperature read out in gateway
- Weekly schedule
- Firmware update (OTA)
- Power metering
- Hystereses/PWM
- Relay status icon
- Adjustable display brightness
- Single pole switch
- Lock mode/child lock
- Temperature calibration
- Open window detection
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 800 chip
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	<2.0W
Power regulator	Time cycle 0 to 30 min.
Ambient temperature	5°C to 40°C
Hysteresis	0.3°C to 3.0°C (default 0.5°C)
Humidity	10% to 85% RH
Compatible with NTC sensors with values	6.8, 10, 12, 15, 22, 33, 47 and 100kΩ @ 25°C
Product size (WxHxD)	84 x 84 x 45mm
IP Code	IP 21
Approvals	Z-Wave Plus v2, CE, Nemko



HEATIT Z-TRM6

Heatit Z-TRM6 is an electronic thermostat for electrical underfloor heating. The thermostat can be controlled through your Z-Wave network or from the buttons on the front. The thermostat has an easy user interface.



Heatit Z-TRM6 has 3 modes; Heat - Cool and Eco.

The thermostat has a sturdy metal frame and fits in standard European wall box. It can be used with most frames that are adapted to System 55. The thermostat has a builtin sensor and can be connected to two external sensors.

Heatit Z-TRM6 has power metering and it gives you the real time information about your power consumption.

The thermostat can be set up with multiple associations and can be used as a master thermostat. It can control external relays and wall plugs.



heatit.com



Z-TRM6

ARTICLE NO.	NAME	COLOR
54 305 66	Heatit Z-TRM6 Z-Wave Thermostat 3600W / 16A	White RAL 9003
54 305 68	Heatit Z-TRM6 Z-Wave Thermostat 3600W / 16A	Black matt





Z-WAVE

heatit

FUNCTIONS

- Z-Wave thermostat
- Floor sensor
- Internal room sensor
- External room sensor (wired by cable)
- Temperature limiter
- SmartStart
- Weekly schedule
- Temperature read out in gateway
- Firmware update (OTA)
- Power metering
- Relay status LED
- Single pole switch
- Lock mode/child lock
- Temperature calibration
- 5 associations
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 500 chip
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	<2.0W
Ambient temperature	5°C to 40°C
Hysteresis	0.3°C to 3.0°C (default 0.5°C)
Humidity	10% to 85% RH
Compatible with NTC sensors with values	10, 12, 15, 22, 33 and 47kΩ @25°C
Product size (WxHxD)	86 x 86 x 51mm

IP Code	IP 21
Approvals	Z-Wave Plus, CE



HEATIT Z-TRM3

Heatit Z-TRM3 is an electronic thermostat for electrical underfloor heating. The thermostat has a built-in Z-Wave chip that can be connected to control systems.

The thermostat fits in standard European wall box and can be used with most frames that are adapted to System 55. The thermostat has a builtin sensor and can be connected to two external sensors.

Heatit Z-TRM3 has power metering and it gives you the real time information about your power consumption.

The thermostat enables you to make associations with external relays and wall plugs.



heatit.com



NFC

heatit

FUNCTIONS

- NFC thermostat
- 7-segment LED display
- Floor sensor
- Internal room sensor
- External sensor (wired)
- Adaptive regulation
- 3 modes: Comfort, Economy and Automatic
- Weekly schedule
- Single pole switch
- Lock / child safety
- Temperature calibration
- Requires smartphone with iOS 14, Android 6.0 or later + NFC support

TECHNICAL DATA

Protocol	NFC
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	0.5W
Ambient temperature	5°C to 40°C
Hysteresis	0.5°C
Humidity	10% to 85% RH
Compatible with NTC sensors with values	6.8, 10, 12, 15, 22, 33 and 47kΩ @25°C
Product size (WxHxD)	86 x 86 x 51mm

IP Code	IP 21
Approvals	CE



HEATIT 7S NFC

Heatit 7S NFC is an electronic thermostat for electrical underfloor heating. The thermostat has three modes; Comfort, Eco and weekly program.

The thermostat fits in standard European wall box and can be used with most frames that are adapted to System 55. The thermostat has a builtin sensor and can be connected to two external sensors.



Heatit NFC Thermostat has a built-in NFC chip to control the thermostat via NFC app on your phone. All parameters can be configured from the app, and you can also set up weekly schedules via the app.





Heatit NFC App



heatit.com

ARTICLE NO.	NAME	COLOR
54 305 99	Heatit Z-TRM3 Z-Wave Thermostat 3600W / 16A	White RAL 9003 
54 304 98	Heatit Z-TRM3 Z-Wave Thermostat 3600W / 16A	Black RAL 9011 

ARTICLE NO.	NAME	COLOR
54 305 85	Heatit 7S NFC NFCThermostat 3600W/16A	White RAL 9003 
54 304 46	Heatit Plastic Kit for Thermostats	Black RAL 9011 



WIFI

heatit

FUNCTIONS

- WiFi thermostat
- Floor sensor possibly external sensor
- Internal room sensor
- Power regulator
- Adaptive regulation
- Temperature limiter
- Weekly schedule
- Home/Away/Anti-frost
- Intuitive app - easy to use
- Control via app
- Alarm/notifications in app
- Firmware update (OTA)
- Energy calculator
- Single pole switch
- Lock mode/Child lock
- Temperature calibration
- Amazon Cloud
- Norwegian/Svensk/English/Finnish/Dutch language

TECHNICAL DATA

Protocol	WiFi
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	<2.0W
Ambient temperature	5°C to 40°C
Hysteresis	0.2°C to 2.0°C (default 0.5°C)
Humidity	10% to 85% RH
Compatible with NTC sensors with values	6.8, 10, 12, 15, 22, 33, 47, 100kΩ @25°C
Product size (WxHxD)	86 x 86 x 38mm
IP Code	IP 21
Approvals	CE



HEATIT WIFI

Heatit WiFi is an electronic thermostat for electrical underfloor heating. The thermostat has a simple user interface and can be easily programmed via the capacitive buttons. The thermostat has an easy user interface.



The thermostat fits in standard European wall box and can be used with most frames that are adapted to System 55. The thermostat has a builtin sensor and can be connected to two external sensors.

The thermostat has a built-in WiFi that allows you to control it from a user-friendly app. The "Heatit WiFi" app is available on Google Play and in the App Store. Works with Amazon Alexa and Google Home. If you are installing multiple thermostats in the same house, you may copy the settings from one thermostat to the next. This simplifies the installation.



heatit.com



Heatit WiFi App



heatit

FUNCTIONS

- External sensor
- Designed for use with Multireg and Heatit thermostats
- Fits into combination frames
- Can be mounted directly on the wall or on top of a wall box
- Connected by cable to the thermostat
- For indoor use

TECHNICAL DATA

NTC	10kΩ @ 25°C
Cable diameter	Ø1.5mm ²
Product size (WxHxD)	84 x 84 x 20mm
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
IP Code	IP 21
Approvals	CE



HEATIT EXTERNAL ROOM SENSOR




Heatit External Room Sensor is designed for use with Multireg and Heatit thermostats. The sensor can be mounted directly on a wall or on top of a wall box. Fits into most System 55 frames. The product comes in a matte version.

When used with a thermostat, dimmer or other products that emit heat, it is recommended that the sensor be mounted below these other products.

It is not possible to connect the sensors in series or in parallel.



heatit.com

ARTICLE NO.	NAME	COLOR
54 301 31	Heatit External Room Sensor NTC 10kΩ	White RAL 9003 
54 301 32	Heatit External Room Sensor NTC 10kΩ	White RAL 9010 
54 301 33	Heatit External Room Sensor NTC 10kΩ	Black matt 



Z-WAVE

heatit

FUNCTIONS

- Z-Wave
- Thermostat for inwall installations
- 16A/3600W resistive loads
- NTC 10kΩ sensor (supplied by Heatit)
- Set point to be set in gateway
- SmartStart
- Firmware update (OTA)
- Power Metering
- Supports encryption mode: S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 700 chip
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	<1W
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Mounting depth	25mm
Product size (WxHxD)	46 x 45 x 25mm

IP Code	IP 21
Approvals	Z-Wave Plus v2, CE



ARTICLE NO.	NAME	COLOR
45 126 73	Heatit ZM Thermostat Inwall Z-Wave Thermostat 3600W/16A	Black Olive RAL 6015



HEATIT ZM THERMOSTAT

Heatit ZM Thermostat is an electronic thermostat for electrical underfloor heating designed for inwall installations. The thermostat allows you to control your electrical heating through your Z-Wave network.

The module is equipped with a 16A relay. The thermostat requires you to connect an external wired sensor, which is included.

Heatit ZM Thermostat has power metering and it gives you the real time information about your power consumption.



heatit.com

MULTI REG

FUNCTIONS

- Floor sensor
- Internal room sensor
- External room sensor (wired by cable)
- Power regulator
- Temperature limiter
- 3 modes; Heat, Cool and Eco
- Power metering
- Hystereses/PWM
- Relay status icon
- Adjustable display brightness
- Single pole switch
- Lock mode/child lock
- Temperature calibration
- Open window detection

TECHNICAL DATA

Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	<2.0W
Power regulator	Time cycle 0 to 30 minutes
Ambient temperature	5°C to 40°C
Hysteresis	0.3°C to 3.0°C (default 0.5°C)
Humidity	10% to 85% RH
Compatible with NTC sensors with values	6.8, 10, 12, 15, 22, 33, 47 and 100kΩ @ 25°C
Product size (WxHxD)	84 x 84 x 45mm

IP Code	IP 21
Approvals	CE, Nemko



MULTIREG6

Multireg6 is an electronic thermostat for electrical underfloor heating. The thermostat has an easy user interface that can be controlled from the buttons on the front.



Multireg6 has 3 modes; Heat - Cool and Eco.

The thermostat has a sturdy metal frame and fits in standard European wall box. It can be used with most frames that are adapted to System 55. The thermostat has a builtin sensor and can be connected to two external sensors.

Multireg6 has power metering and it gives you the real time information about your power consumption.



heatit.com

ARTICLE NO.	NAME	COLOR
54 305 34	Multireg6 Thermostat 3600W / 16A	White RAL 9003
54 305 33	Multireg6 Thermostat 3600W / 16A	White RAL 9010
54 305 35	Multireg6 Thermostat 3600W / 16A	Black matt

WATERBASED HEATING SOLUTIONS

Thermo-Floor AS has always focused on electrical heating solutions, but we are well adversed with the use of waterbased heating as well. We have several options that we recommend for controlling waterbased heating, either with battery powered or 230VAC thermostats.

The control system is comprehensive, user-friendly, flexible and energy-saving when using functions such as the weekly programs. You have the ability to monitor the temperature and status from all zones as well as controlling the heat from your phone, tablet or PC. All these factors make the control system very suitable for waterbased heating and giving you as much control and flexibility as possible. The devices we supply use the Z-Wave protocol and thus work together with most modern Z-Wave gateways. Water based heating may be a good place to start building your smart home system, whether it is a new installation or an addition to an existing smart home installation.

Today we deliver two solutions; thermostats on battery or mains powered. The basic principle for the set-up is the same whatever solution you choose.

Association groups are set up in your gateway. The association groups are a direct wireless connection from device to device.

For questions about compatibility, contact your gateway supplier. If you are unsure which gateway is right for you - ask us for advice!

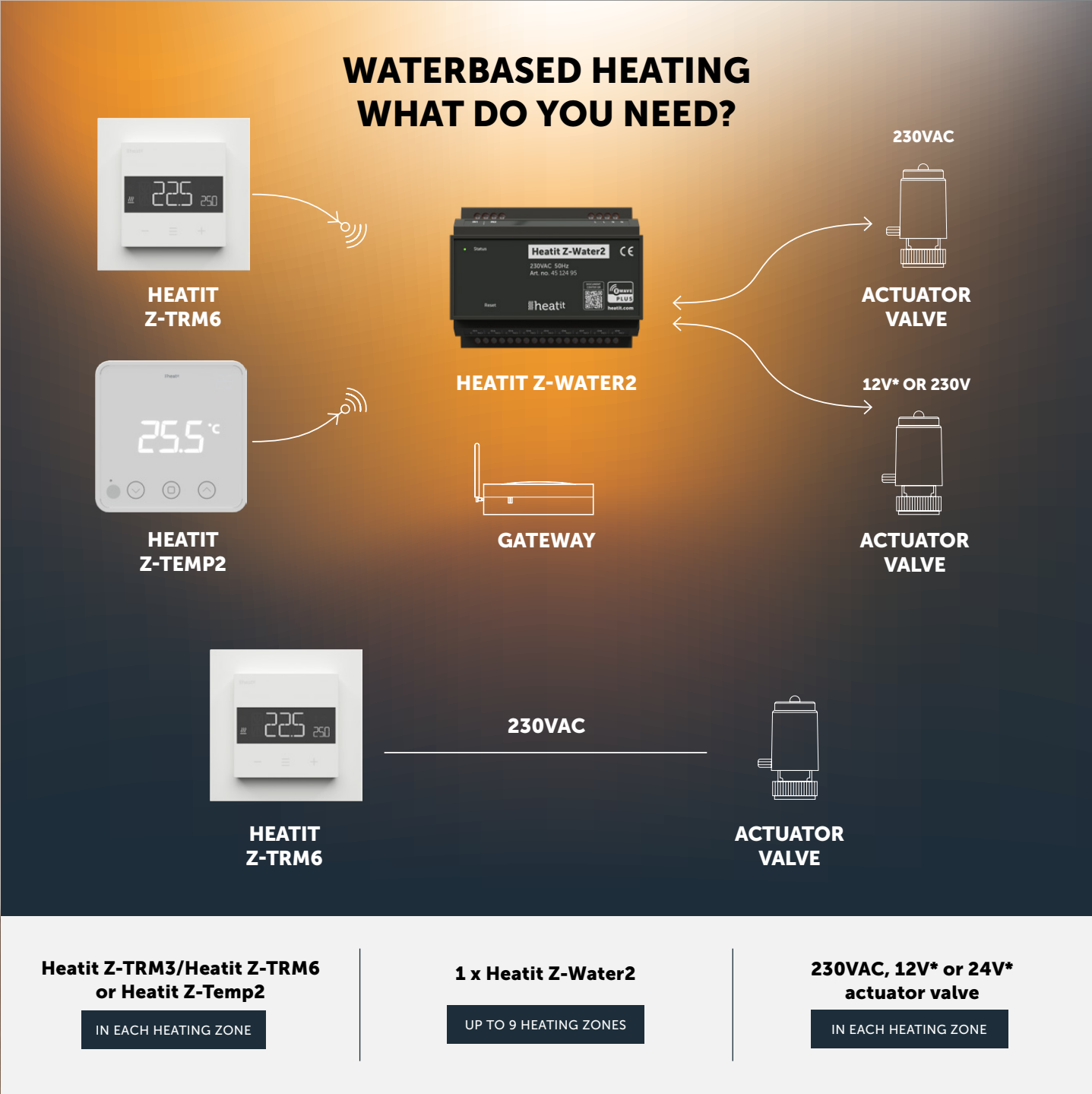
Heatit Z-Water2 is designed to be used together with several types of actuators. Your plumber can supply and install them on the manifold(s). Heatit Z-Water2 has 9 potential-free outputs.

230VAC installation
By using 230V thermostats, you ensure a stable and maintenance-free system. This setup can be used for most installations, and covers large areas without additional signal boosters. This ensures the functionality and stability of the system. The thermostat is placed in a wall box in a standard frame.

The thermostat regulates the heating using an internal sensor, external sensor, floor sensor or a combination of these.

Battery operated thermostats
Control of waterbased heating systems via battery thermostats is a flexible solution. Battery thermostats can be placed where the customer wants, without the need for cables to the thermostat.

For new Z-Wave installations, it is recommended to add several 230V devices to ensure stability Z-Wave network.



* To use 12V/24V actuators an external power supply is needed

Z-WAVE



FUNCTIONS

- Z-Wave
- Regulator for waterbased heating systems
- 9 potential free relays
- Valve exercise
- Can control 230VAC actuators and 24V actuators from an external power supply
- Can be used with Heatit thermostats in each heating zone
- DIN-rail mounting
- SmartStart
- Connector for external antenna
- Firmware update (OTA)
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 800 chip
Rated voltage	230VAC 50Hz
Max load	5A
Max load pr. relay	1385VA/150W
Max relay current	250VAC
Power consumption	0.4W standby
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Product size (WxHxD)	105 x 86 x 58mm

IP Code	IP 21
Approvals	Z-Wave Plus v2, CE



ARTICLE NO.	NAME	COLOR
45 124 95	Heatit Z-Water2 Z-Wave Regulator	Black Olive RAL 6015 



HEATIT Z-WATER2

Heatit Z-Water2 is a DIN-rail regulator for controlling waterbased heating systems. The module clips right onto a DIN-rail and it allows you to control your waterbased heating through your Z-Wave network. Heatit Z-Water2 is equipped with 9 potential free relays for actuators. It also has 2 analog inputs for temperature sensors.



The Heatit Z-Water2 relays may be controlled by associations with other Z-Wave thermostats e.g Heatit thermostats. Each relay can control one or several actuators in your underfloor heating system.

Heatit Z-Water2 is incompatible with Heatit Z-Wave Gateway.



heatit.com





Z-WAVE

heatit

FUNCTIONS

- Z-Wave
- Battery-operated thermostat for controlling external relay
- Internal room sensor
- Humidity sensor
- Proximity sensor to turn on the display
- SmartStart
- Automatic brightness control
- Firmware update (OTA)
- Weekly schedule
- Inverted output (cooling)
- 5 associations
- Lock mode/child lock
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 700 chip
Battery	3 x AA batteries (1.5V) Heatit Z-Temp2 DC Adapter and Heatit Transformer
Hysteresis	0.3°C to 3.0°C (default 0.5°C)
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Product size (WxHxD)	85 x 85 x 25mm
IP Code	IP 21
Approvals	Z-Wave Plus v2, CE



HEATIT Z-TEMP2

Heatit Z-Temp2 is a battery-operated thermostat designed for use with waterbased heating systems. Used in combination with the Heatit Z-Water you can control your heating system with a Z-Wave primary controller/gateway. This is a "wire-free" solution, saving both time and money.

All communication between the Heatit Z-Temp2 and the controlled device is 100% wireless.

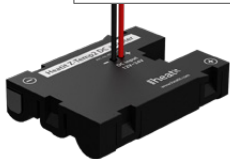
Heatit Z-Temp may be associated with the Heatit ZM Single Relay or another Z-Wave relay in order to control many types of heating solutions. The Heatit Z-Temp2 is an excellent choice when restoring or remodeling existing buildings, as it is easy to install without any need for wiring. We recommend using several 230VAC units to strengthen the mesh network.



Heatit Transformer is an in-wall transformer that fits European electrical wall boxes. It enables the user to connect low voltage devices to mains power and change the voltage from 230VAC to either 12VDC, 5VDC or 3.3VDC.

Article no. 45 126 48

heatit.com



The Heatit Z-Temp2 DC adapter enables you to connect the Heatit Z-Temp2 to the mains power, eliminating the need for batteries.

Article no. 45 126 59



Z-WAVE

heatit

FUNCTIONS

- DIN-rail module with 6 relay outputs and 6 digital inputs
- 6 x 16A potential free relays
- Z-Wave interface for other systems in order to control them through the Z-Wave network
- Mounted on DIN-rail in switchboard
- Potential free circuit control
- 2-pole switch solution when using 2 x relays combined
- Firmware update (OTA)
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 500 chip
Rated voltage	10VDC - 24VDC 8VAC - 20VAC
Consumption	0.6W (standby)
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Product size (WxHxD)	105 x 85 x 58

IP Code	IP 21
Approvals	CE



HEATIT Z-DIN 616

Heatit Z-DIN 616 is a 6 x 16A potential free relay for DIN-rail mounting. The module is equipped with 6 relay switches and 6 digital inputs.



The 6 independent relay switches can be controlled freely through the Z-Wave network and may be used for many different purposes. For example, the 6 digital inputs may be connected to potential-free connectors or open collector outputs, and the inputs allow you to control other Z-Wave devices by sending commands through the Z-Wave network.

The Heatit DIN-rail module can be used for connecting 6 x 230VAC loads freely controllable from the Z-Wave network. All 6 relay outputs are galvanically separated. The 6 inputs of the DIN-rail module allow you to activate predefined scenes in a Z-Wave primary controller.



heatit.com

ARTICLE NO.	NAME
45 125 61	Heatit Z-DIN 616 6 x 16A Z-Wave Relay for DIN-rail



DIMMING

Dimming light means reducing the brightness of a light source. This can be done by lowering the amount of electricity flowing to the light bulb, which in turn reduces the amount of light it emits.

Whether you want to create a cozy atmosphere, conserving energy, or reducing eye strain - Heatit offers good solutions.

Lighting management may be challenging, and we recommend checking the compatibility of different light fixtures before installation. We are happy to answer any questions.





Z-WAVE

heatit

FUNCTIONS

- Z-Wave rotary dimmer
- 2-wire
- 5W - 250W LED
- Rotary and push dimming
- Power metering
- SmartStart
- Firmware update (OTA)
- Overload protection
- Short circuit protection
- Surge protection
- Overheat protection
- External switch
- Min. dim level adjustable
- Max. dim level auto-calibration
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol Z-Wave, 868.4MHz
Chip Z-Wave 700 chip
Rated voltage 230VAC 50Hz
Effect 5W - 250W
Controls Push and rotary dimming
Ambient temperature 5°C to 40°C
Humidity 10% to 85% RH
Flush mounting depth 24mm
Product size (WxHxD) 84 x 84 x 43mm

IP Code IP 21
Approvals Z-Wave Plus v2, CE, Nemko



ARTICLE NO.	NAME	COLOR
14 444 40	Heatit Z-Dim2 Z-Wave Dimmer 250W	White RAL 9003 White RAL 9010
14 444 46	Heatit Rotary Dimmer Black Plastic Kit	Black matt

HEATIT Z-DIM2

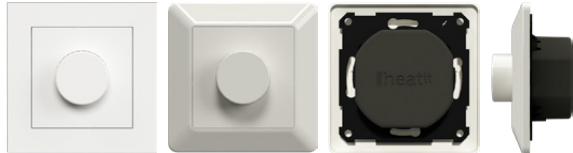
Heatit Z-Dim2 is a Z-Wave rotary dimmer for many different types of light fixtures. The dimmer works on most low loads without causing flickering. Heatit Z-Dim2 is very well suited for LED.



The dimmer is equipped with an external switch option. This allows you to dim and turn on/off the light.

The dimmer fits in an European electrical wall box and can be used with most frames that are adapted to System 55.

Heatit Z-Dim2 has power metering and it gives you the real time information about your power consumption.



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Z-WAVE



FUNCTIONS

- Z-Wave dimmer for inwall installations
- 2 or 3-wire
- 5W - 250W LED
- SmartStart
- Scene controller
- Firmware update (OTA)
- Power metering
- Overload protection
- Short circuit protection
- Surge protection
- Overheat protection
- Two external switches
- Min. dim level adjustable
- Max. dim level auto-calibration
- On/off functionality
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 800 chip
Rated voltage	230VAC 50Hz
Effect	5W - 250W
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Mounting depth	21mm
Product size (WxHxD)	46 x 45 x 21mm

IP Code	IP 21
Approvals	Z-Wave Plus v2, CE, Nemko



ARTICLE NO.	NAME	COLOR
14 444 42	Heatit ZM Dimmer Inwall Z-Wave Dimmer 5 - 250W	Black Olive RAL 6015

HEATIT ZM DIMMER

Heatit ZM Dimmer is an inwall dimmer for installation in European electrical wall boxes. The dimmer enables the user to control light sources from the Z-Wave network and/or an external switch.

The Heatit ZM Dimmer works on most low loads of both LEDs and other light fixtures without causing flickering.

The dimmer may be connected to two external switches that can be used to control the lights, associated devices and scenes.

Heatit ZM Dimmer has power metering and it gives you the real time information about your power consumption.



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ZM-DIMMER



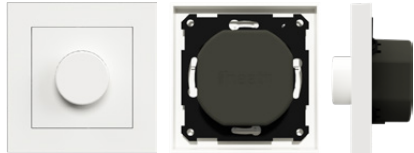


HEATIT ZIG DIM

Heatit Zig Dim is a Zigbee rotary dimmer for many different types of light fixtures. The dimmer works on most low loads without causing flickering. Heatit Zig-Dim is very well suited for LED.

The dimmer is equipped with an external momentary switch option. This allows you to dim and turn on/off the light.

The dimmer fits in an European wall box and can be used with most frames that are adapted to System 55.



ZIGBEE

FUNCTIONS

- Zigbee rotary dimmer
- 2-wire
- 5W - 250W LED
- Rotary and push dimming
- Trailing edge
- Overload protection
- Short circuit protection
- Surge protection
- Overheat protection
- External momentary switch
- Min. dim level adjustable
- Max dim level auto-calibration

TECHNICAL DATA

Protocol

Rated voltage

Effect

Controls

Ambient temperature

Humidity

Flush mounting depth

Product size (WxHxD)

Zigbee 3.0, 2.4GHz

230VAC 50Hz

5W - 250W

Push and rotary dimmer

5°C to 40°C

10% to 85% RH

24mm

84 x 84 x 43mm

IP Code

Approvals

IP 21

Zigbee, CE, Nemko

ARTICLE NO.	NAME	COLOR
14 444 20	Heatit Zig Dim Zigbee Rotary Dimmer 5 - 250W	White RAL 9003
14 444 26	Heatit Zig Dim Zigbee Rotary Dimmer 5 - 250W	White RAL 9010
14 444 46	Heatit Rotary Dimmer Black Plastic Kit	Black matt

A lifestyle shot of the Heatit Zig Dim 250W Zigbee Rotary Dimmer. The white square dimmer is shown next to its retail box, which is red and black with the Heatit logo. The dimmer is also shown mounted on a white square wall plate. To the right, the internal wiring module is visible, showing the Zigbee logo and technical specifications. The background is a blurred indoor setting with a potted plant and a window.

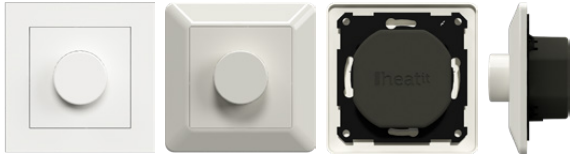


HEATIT EEZEDIM

Heatit eezedim is a rotary dimmer for many different types of light fixtures. The Heatit eezedim works on most low loads without causing flickering. Heatit eezedim is very well suited for LED.

The dimmer has the option for an external toggle switch, making it possible to turn on/off the dimmer with the external switch.

The dimmer fits in an European electrical wall box and can be used with most frames that are adapted to System 55.



heatit.com



FUNCTIONS



- Rotary dimmer
- 2-wire
- 5W - 250W LED
- Rotary dimmer
- Trailing edge
- Overload protection
- Surge protection
- Overheat protection
- Min. dim level adjustable
- Max dim level auto-calibration

TECHNICAL DATA

Rated voltage	230VAC 50Hz
Effect	5W - 250W
Controls	Rotary dimming
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Flush mounting depth	24mm
Product size (WxHxD)	84 x 84 x 43mm

IP Code	IP 21
Approvals	CE



ARTICLE NO.	NAME	COLOR
14 444 30	Heatit eezedim Rotary dimmer 250W	White RAL 9003 White RAL 9010 
14 444 46	Heatit Rotary Dimmer Black Plastic Kit	Black matt 



EEZEDIM



Z-WAVE



FUNCTIONS

- Z-Wave
- Wireless battery-operated wall switch
- Designed for controlling lights, blinds, relays, dimmers etc.
- Fits System 55 frames
- SmartStart
- Controls up to 3 seperate groups and 5 devices per group
- 10 scene triggers per rocker
- Easy to install with screws or double-sided adhesive tape
- Firmware update (OTA)
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 700 chip
Battery	1 x CR2450 battery
Battery lifetime	~1 year (default settings and max. 10 pushes each day)
Rockers	1, 2 or 3 rockers
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Product size (WxHxD)	84 x 84x 14mm

IP Code	IP 20
Approvals	Z-Wave Plus v2, CE



HEATIT Z-PUSH WALL CONTROLLER

The Heatit Z-Push Wall Controller is a wireless wall-mounted Z-Wave Controller. It has mounting options for 1, 2 or 3 rockers, allowing for easy and practical management of your Z-Wave products. The switch can be set up to control scenarios or work in association with other Z-Wave products. Each rocker switch has a dual-color LED to indicate button actions.

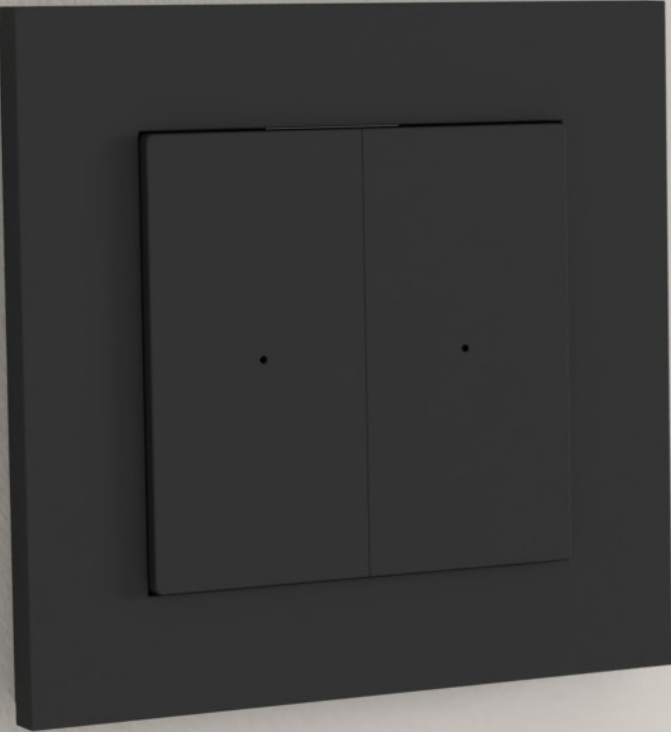


The Wall Controller is coin cell battery powered. The product is intended primarily for residential applications.

Supplied in glossy white and black matt finish.



Z-PUSH WALL CONTROLLER



Z-WAVE

heatit

FUNCTIONS

- Z-Wave
- High power relay for inwall installations
- 16A/3600W resistive loads
- SmartStart
- Scene Controller
- Firmware update (OTA)
- Power Metering
- Supports encryption modes S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Chip	Z-Wave 700 chip
Rated voltage	230VAC 50Hz
Max load	3600W (resistive load)
Max current	16A
Power consumption	<1W
Ambient temperature	5°C to 40°C
Humidity	10% to 85% RH
Mounting depth	25mm
Product size (WxHxD)	45 x 46 x 25mm

IP Code	IP 21
Approvals	Z-Wave Plus v2, CE



ARTICLE NO.	NAME	COLOR
45 126 71	Heatit ZM Single Relay Z-Wave Inwall Relay 3600W / 16A	Black Olive RAL 6015



HEATIT ZM SINGLE RELAY

Heatit ZM Single Relay 16A is a high power relay for inwall installations in European electrical wall boxes. The relay allows you to control connected devices either through your Z-Wave network or via a wired switch.

The Heatit ZM Single Relay has power metering and it gives you the real time information about your power consumption.



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Z-WAVE

heatit

FUNCTIONS

- Multifunction relay
- Many different uses
- 25A
- 3 inputs
- Option of external antenna
- Can be used with different types of NTC sensors
- Calibration
- Associations
- Firmware update (OTA)
- Multilevel sensor command class
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

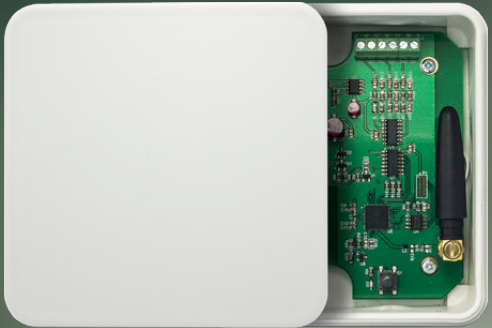
TECHNICAL DATA

Protocol	Z-Wave, 868.4MHz
Rated voltage	230VAC 50Hz
Max current	25A
Power consumption	0.8W standby
Ambient temperature	5°C to 40°C
Compatible with NTC sensors with values	10, 12, 15, 22, 33 and 47kΩ @ 25°C
Size	104 x 104 x 46mm

IP Code	IP 55
Approvals	CE



ARTICLE NO.	NAME
45 125 54	Heatit Z-Relay 25A Multifunction Z-Wave Relay 25A



HEATIT Z-RELAY 25A

Heatit Z-Relay multipurpose relay module may be used for many different applications. The IP 55 rated casing makes it useful for any outdoor application. Can pull loads up to 25A. The relay has 3 inputs.

Heatit Z-Relay is a multipurpose product and may be used for the following applications:

- Leakage control
- Varied outdoor applications



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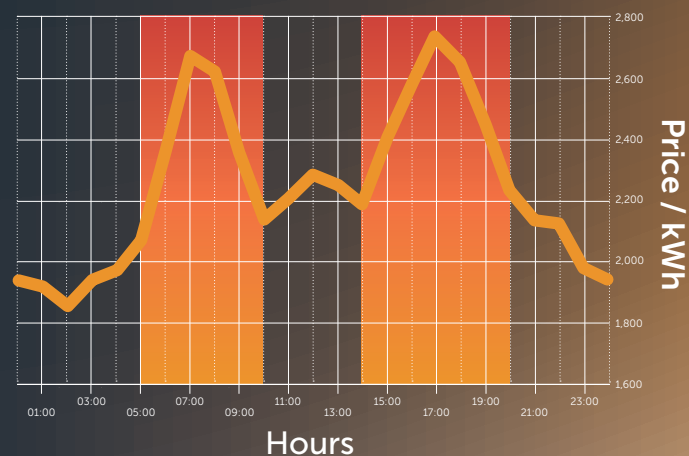




In order to save money on your electricity bill, you need to know where and when you can save. Then you have to connect these factors intelligently.

That's precisely what we do with Heatit Renergy. We know when electricity prices are expected to be high and can take the necessary measures. With Heatit Renergy, devices that use a lot of electricity are switched off or run with reduced consumption when electricity is at its most expensive.

That way, it is possible to avoid price peaks and use the cheapest electricity throughout the day - completely automatically!



By retrieving prices for the coming 24 hours, Heatit Renergy will, among other things, be able to control relays, thermostats and electric car chargers and ensure that these are not activated, or run with limited power during hours when electricity is the most expensive.



Heatit
Heatit Z-HAN2

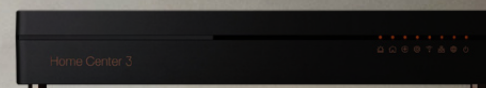


Heatit
Heatit ZM Single Relay 16A

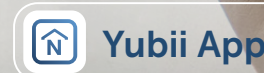


Heatit
Heatit thermostats

FIBARO Home Center 3



FIBARO Home Center 3 Lite



Heatit Renergy offers excellent opportunities to optimize power consumption and save money. The customer makes the practical decisions on how the system is set up according to their needs. When the solution is installed, it is defined which loads are to be controlled. The most important loads to control will typically be:

- Electrical floor heating
- Boilers
- Electrical car chargers

Heatit Renergy requires a smart home system from Thermo-Floor AS, but installing a completely new system is not necessary. Anyone with a FIBARO Home Center 3 or Home Center 3 Lite gateway can get this solution.

The devices to be controlled must be set up with Z-Wave compatible thermostats and relays. The customer decides for themselves how many hours in a day the control of power consumption should be active. This is done via the Yubii app.

Heatit Renergy requires some programming of the smart home system's gateway to function. This job must be done by a qualified electrician.

The end result is a power-saving system that helps you save power automatically during the hours when power is most expensive. Retrieving prices for the coming 24 hours, Heatit Renergy will, among other things, be able to control relays, thermostats and electric car chargers and ensure that these are not activated, or run with limited power during hours when electricity is the most expensive.

Z-WAVE



FUNCTIONS

- Z-Wave HAN sensor
- RJ45 and Micro-USB
- Power Metering
- SmartStart
- Firmware Update (OTA)
- Temperature sensor
- Supports encryption mode S0, S2 Authenticated Class, S2 Unauthenticated Class

TECHNICAL DATA

Protocol Z-Wave, 868.4MHz
Chip Z-Wave 800 chip
Rated voltage 5VDC
Ambient temperature 5°C to 40°C
Humidity 10% to 85% RH
Size (LxWxH) 80 x 31 x 22mm

IP Code IP 21
Approvals Z-Wave Plus v2, CE



ARTICLE NO.	NAME	COLOR
45 125 99	Heatit Z-HAN2 Z-Wave HAN sensor for AMS meters	Black Olive RAL 6015



heatit renergy



HEATIT Z-HAN2

Heatit Z-HAN2 is a Z-Wave HAN sensor for AMS meters (Smart meters). Heatit Z-HAN2 works with HAN ports.

The Heatit Z-HAN 2is equipped with an RJ45 port for connecting the AMS meter. The Heatit Z-HAN2 can be powered through the RJ45 port by most AMS meters, but also has a 5V micro USB input for external power supply.



heatit.com



Z-HAN2





HEATIT Z-SMOKE MULTISENSOR BATTERY

The Heatit Z-Smoke Multisensor is a multifunctional wireless smoke sensor for smart home systems. With its powerful features, the sensor is designed to protect the family from potential fire hazards. With its compact and streamlined design, the Heatit Z-Smoke Multisensor blends effortlessly with your home decor and gives you extra security.



The Heatit Z-Smoke Multisensor is designed to provide the sensor with more features and capabilities. Therefore, you can use optional additional features such as a built-in PIR motion sensor and temperature sensor. Heatit Z-Smoke Multisensor has a built-in PIR motion sensor. You can choose to use it to create custom scenes to light up the hallway in the middle of the night or help users save energy. The sensor's built-in warning light gives you a visual alarm and warning.

The Heatit Z-Smoke Multisensor uses a cutting-edge reflective photoelectric sensor in conjunction with an advanced microprocessor to deliver optimum performance by detecting developing fires and heat generation. When it comes to security, there is no room for compromise.

heatit.com

Z-WAVE

FUNCTIONS

- Z-Wave
- Multifunctional smoke detector
- **Battery**
- Smoke Detection
- Temperature sensor
- Motion sensor
- Serial connection possible with Heatit Z-Smoke Detector 230VAC (max 6 pcs)

- Built-in warning light
- Low battery alert
- Button to silence unwanted alarms
- Tamper switch
- Firmware update (OTA)
- Supports encryption mode S0, S2
- Unauthenticated Class

TECHNICAL DATA

Protocol

Chip

Battery

Battery life

Temperature sensitivity

Alarm

Smoke sensor

Ambient temperature

Humidity

Range, PIR

Size

Z-Wave

Z-Wave 500 chip

3 x CR123A 3V batteries

~2.8 years

±1°C

85dB at 3 meters distance

Photoelectric

5°C to 40°C

10% to 85% RH

Up to 5m at 3m mounting height

105 x 105 x 41mm

IP Code

Approvals

IP 20

Z-Wave Plus, CE

EN 14604:2005

ARTICLE NO.	NAME	COLOR
45 126 88	Heatit Z-Smoke Multisensor Z-Wave Multifunctional Smoke Detetector	White

HEATIT Z-SMOKE MULTISENSOR 230VAC

The Heatit Z-Smoke Multisensor is a multifunctional wireless smoke sensor for smart home systems. With its powerful features, the sensor is designed to protect the family from potential fire hazards. With its compact and streamlined design, the Heatit Z-Smoke Multisensor blends effortlessly with your home decor and gives you extra security.

The Heatit Z-Smoke Multisensor is designed to provide the sensor with more features and capabilities. Therefore, you can use optional additional features such as a built-in PIR motion sensor and temperature sensor. Heatit Z-Smoke Multisensor has a built-in PIR motion sensor. You can choose to use it to create custom scenes to light up the hallway in the middle of the night or help users save energy. The sensor's built-in warning light gives you a visual alarm and warning.

The Heatit Z-Smoke Multisensor uses a cutting-edge reflective photoelectric sensor in conjunction with an advanced microprocessor to deliver optimum performance by detecting developing fires and heat generation. When it comes to security, there is no room for compromise.

heatit.com

Z-WAVE

FUNCTIONS

- Z-Wave
- Multifunctional smoke detector
- **230VAC**
- Smoke Detection
- Temperature sensor
- Motion sensor
- Serial connection capability with other Heatit Z-Smoke Detector (230VAC) (max. 6 pcs.)

- Built-in warning light
- Battery back-up
- Button to silence unwanted alarms
- Tamper switch
- Firmware update (OTA)
- Adapter for external mounting
- Supports encryption mode S0, S2
- Unauthenticated Class

TECHNICAL DATA

Protocol

Chip

Rated voltage

Power consumption

Temperature sensitivity

Alarm

Smoke sensor

Ambient temperature

Humidity

Range, PIR

Size

Z-Wave

Z-Wave 500 chip

230VAC 50Hz

200mAh, NiMh back-up battery

2.2W

±1°C

85dB at 3 meters distance

Photoelectric

5°C to 40°C

10% to 85% RH

Up to 5m at 3m mounting height

105 x 105 x 41mm (ex.adapter)

IP Code

Approvals

IP 20

Z-Wave Plus, CE

EN 14604:2005

14604/AC:2008

ARTICLE NO.	NAME	COLOR
45 126 89	Heatit Z-Smoke Multisensor Z-Wave Multifunctional Smoke Detetector	White
45 126 96	Heatit Z-Smoke Multisensor Z-Wave Multifunctional Smoke Detetector	Black



HEATIT TRANSFORMER

Heatit Transformer is an in-wall transformer that fits European electrical wall boxes. It enables the user to connect low voltage devices to mains power and change the voltage from 230VAC to either 12VDC, 5VDC or 3.3VDC.

Paired with Heatit battery adapters, Heatit Transformer can make your battery-powered devices run on mains power. Any battery-powered devices with a power draw of up to 450mA at 12VDC or 420mA at 5VDC and 3.3VDC can be connected to the transformer.



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FUNCTIONS

- Adjust voltage from 230VAC to 12VDC, 5VDC or 3.3VDC
- Compact size - fits easily in European electrical wall box
- Easy to install

TECHNICAL DATA

Rated voltage	230VAC	50Hz
Output	12VDC	Max. 450mA
	5VDC	Max. 420mA
	3.3VDC	Max. 420mA
Ambient temperature	5°C to 40°C	
Humidity	10% to 85% RH	
Mounting depth	19mm	
Product size (WxHxD)	45 x 46 x 19mm	

IP Code	IP 21
Approvals	CE



ARTICLE NO.	NAME	COLOR
45 126 48	Heatit Transformer	Black Olive RAL 6015



BRAND NEW HEATIT DOCUMENT CENTER

Heatit Controls have developed a new document center due for launch in march of 2023.

This document center will provide customers, end users and distributors with relevant, and up-to-date information about all Heatit products - including products that is EOL. The site is responsive and will work just as well on smartphones as on computers and tablets.

In addition the site will provide resellers and distributors a place to go to download relevant documentation about the products as well as images and ready-made marketing text for enrichment of their sales channels. We will also provide OTA-files for download through this portal.

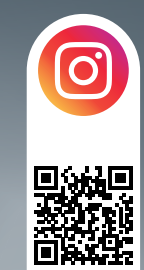
All new packaging, Quick Guides and manuals from Heatit will now contain a QR-code that takes you directly to the documentation page for the product at hand. On the page for each product, the user manuals, quick guides and datasheets are available in the latest versions.

documents.heatit.com



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Get the latest information through our social media accounts. We regurarely publish information about product launches and other interesting information





heatit

EVER GROWING

We are constantly working with new and updated products and throughout 2023 and 2024 several new Heatit products will become available in the market.

Our development team works with the highest standards in mind when shaping the quality, functionality and usability of all new devices.

We welcome all feedback from our customers and users.

SMART

solutions for smart homes

MEMBER OF



WiFi



Bluetooth



Matter



NFC



Zigbee

 **heatit**
CONTROLS



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All electrical installations must be carried out by a licensed electrician. The product must be installed in accordance with national building codes and our installers manual.