HEATIT WIFI PANEL HEATER/LIST

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FW 1.0	Ver-E
v2	Document date 12.01.2026

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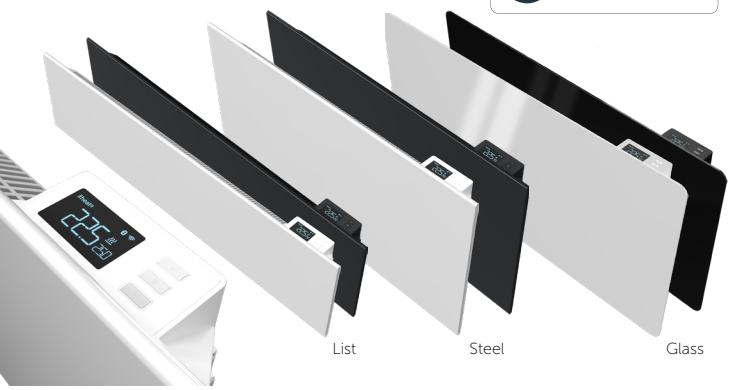
Installers manual

Works with MyHeatit



Scan for available sizes and variants of steel and glass panel heaters.

Steel

Glass

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Get the MyHeatit app for your device here

GET IT ON Google Play

Available on the App Store

Downtime related to the App or cloud/service platform is not covered by the warranty.

1. INTRODUCTION

Heatit WiFi Panel Heater/List is an electrical radiator. The convector can be controlled using the "MyHeatit" App via Wi-Fi, Bluetooth (BLE), by the buttons on the top, or through the open API over Wi-Fi. The convector has a user friendly interface.

Heatit WiFi Panel Heater has 2 modes; Comfort and Eco.

Heatit WiFi Panel Heater has a modern, slim design and is aesthetically pleasing. Produced with the front in either steel or glass. It is easy to install and mount on the wall with the supplied bracket. The panel heater can also be mounted on metal feet, sold separately (Art. no. 54 305 12). Does not fit Heatit WiFi List. The panel heater has a built-in tip-over protection that automatically disconnects the power if it tips over or is incorrectly positioned.

The output power can be adjusted from the menu or from the App. It has child lock and open window detection. The device has an open API and supports Amazon Alexa and Google Home.

The installer can configure and set up the system via Bluetooth. After the system is set up, the installer can transfer the property to the customer. The customer can then transfer their devices to their Wi-Fi network.

Heatit WiFi Panel Heater has active power metering and it gives you real time information about your power consumption.

Heatit WiFi panels are supplied both as a traditional convector and as a skirting panel heater in steel or glass. Heatit WiFi Panel Heaters come in outputs varying between 400W and 1500W in both white and black color schemes.

2. SAFETY ADVISE
READ THIS NOTICE CAREFULLY BEFORE OPERATING THE APPLIANCE.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

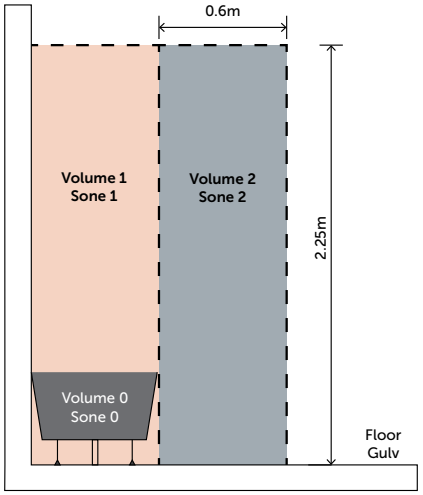
Children of less than 3 years should be kept away unless continuously supervised.

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

RoHS Compliant REACH Compliant CE

WARNING / CAUTION

- **Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.**
- **If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**
- **In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.**
- **In order to avoid overheating, do not cover the panel heater.**
- **The heater must not be located immediately below a socket-outlet.**
- **Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.**
- **Fixed heaters are to be installed so that switches and other controls cannot be touched by a person in the bath or shower.**



Warning: this product shall be installed in the volume 2 only according the national wiring rules.

Note: The drawing below is for reference only. We suggest that you contact a professional electrician for assistance.

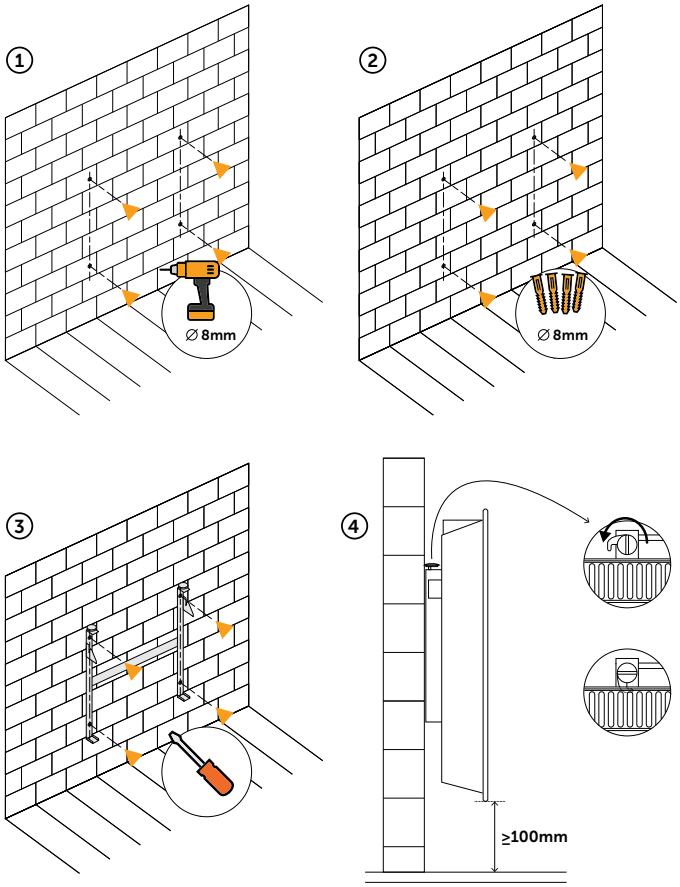
3. INSTALLATION

Make sure that the distance from walls and objects is respected.

1. Put the mounting bracket on the wall as a guide ruler (please make sure the holes are parallel and level), use a marker to mark the hole positions.
2. Drill holes in the wall with Ø8mm drill bit and insert the plastic wall plug if necessary.
3. Fasten the mounting bracket on the wall with the screws, make sure the mounting bracket is in the correct orientation.
4. Gently insert the bottom of the heater body to the mounting bracket first and then push the heater body such that it hooks onto the whole mounting bracket. Turn the locking screws 90° to secure the panel to the top of the bracket.
5. Installing the panel heater with a longer distance from the floor (more than 100mm) will improve the convection.

WARNING

- **Ensure that the distance from the heater to the floor, walls, and other objects is maintained, keeping at least 100mm of clearance.**
- **When drilling holes, always check to ensure there is no wiring, pipework, etc. in the area to be drilled.**
- **Before plugging in the unit make sure the radiator is properly attached to the wall.**



4. WI-FI NETWORK SELECTION

The device supports 2.4 GHz networks only.

5. ADD/REMOVE

Please read this before installation

Upon connecting the device to power, it will automatically enter add mode for a duration of 60 minutes. During this time the device can be added to the App without starting add mode locally on the device

To remove a device, find the device in the "MyHeatit" App and choose "Delete this device". If this is not possible, perform a "Factory reset"

Wi-Fi and Bluetooth

Manual add mode is indicated on the device by rotating LED segments in the display. It indicates this for 90 seconds until a timeout occurs, or until the device has been added to the network. Add mode may also be cancelled by performing the same procedure as for starting add mode.

Automatic add mode is not shown but is active for 60 minutes after power is applied if the device is not already included.

To include the device in the app, using either Wi-Fi or Bluetooth

1. Ensure device is in either manual, or automatic add mode.
   1.1 Manual add mode
   - Hold the Center button for 5 seconds. The display will show "OFF".
   - Press the Down button once to see "CON" in the display.
   - Press the Center button and go to "APP".
   - Start the configuration mode on the device by holding the Center button for approximately 2 seconds.

   1.2 Automatic add mode
   - Power on the device and proceed within 60 minutes.
2. In the "MyHeatit" App, choose "Add Device".
3. Choose Wi-Fi or Bluetooth.
4. Search for your device and select it or scan the QR code.

When a device is added to Bluetooth it is not accessible from the internet. You need to be within Bluetooth range of the device to control it.

The device is now ready for use with default settings.

NB! When the device is removed from the "MyHeatit" App, the parameters are reset.
If inclusion fails, please perform a "Factory reset".

6. FACTORY RESET

Enter the menu by holding the Center button for about 5 seconds, navigate in the menu with the Down button till you see "FACT". Press the Center button until you see "-- --" blinking in the display, then hold for about 5 seconds to perform a reset. You may also initiate a reset by holding the down and Center buttons for 60 seconds.

When either of these procedures has been performed, the device will perform a complete factory reset. The device will display "RES" for 5 seconds while performing a factory reset. When "RES" is no longer displayed, the device has been reset.

7. STARTUP

After powering up the device for the first time, all parameters will have default settings and the device will be ready to use.

8. LOCAL SETTINGS MENU

To enter the settings menu, hold the Center button for 5 seconds. The display will display "OFF". You are now in the settings menu. While in the settings menu, "SET" will be displayed in the bottom right of the display. You can now scroll up and down using the Up and Down buttons. Some options have submenus. To navigate the submenus, press the Center button once to enter or exit the submenu. Press the Up and Down buttons to find your desired value and hold the Center button for 2 seconds to confirm your selection. "STOR" will appear to indicate settings are stored.

9. DISPLAY MENU STRUCTURE

See flowchart at the end of this manual.

10. STANDBY AND MAIN SCREEN

When the device remains untouched for a while, it will automatically go to the standby screen. The standby will by default show the setpoint temperature.
By pressing any button once, you will see the measured temperature. By pressing the Up or Down button multiple times, you will change the setpoint.

11. TEMPERATURE SHOWN IN DISPLAY

By default, the temperature shown in the display while in standby state is the setpoint. This may be altered with the "Temperature display" parameter. It may also be changed by entering the local settings menu and holding the Center button for 2 seconds when "MODE" is displayed. You can choose between "SETT" and "RELT". "SETT" is the Setpoint temperature and "RELT" is the real-time temperature.

12. KWH VALUE IN MENU

The device supports power metering to give insight into the power consumption of the heating. The total consumption of the device can be seen in the system from the "kWh" menu option. The total consumption data can be reset by holding the Center button while in the kWh menu.

Note: The kWh values are displayed with a precision of two decimals, but they are only saved to memory at every whole kWh.

13. LOAD LIMIT

The Load Limit (LoLi) parameter can limit the power consumption of the device. This allows you to reduce the wattage the device consumes to better suit your heating needs. The load limit parameter uses increments of 100W per step.

14. CALIBRATION

If the temperature sensor readout is not correct, you can make minor changes to the temperature readout. The temperature readings can be calibrated by ±6°C using the calibration parameter. The calibration can also be performed from the menu using CAL. The adjusted value will be displayed in the App indicating what the device uses for regulation.

15. BRIGHTNESS

Using the menu choices "BR1" and "BR2", the brightness of the display in Active and Standby state can be changed respectively. "BR1" and "BR2" are also included in the device as parameters. "Active display brightness (BR1)" and "Standby display brightness (BR2)"

16. DISPLAY ICONS

ICON	DESCRIPTION
	This icon will be displayed while the device is in Heat or Eco mode, and is currently heating.
	This icon shows the current signal strength for WiFi.
	This icon shows when it has an active Bluetooth connection.

17. CHILD LOCK

Child lock is a function for disabling the buttons from the display locally. It will show "LOCK" when attempting to operate it while the function is enabled. To enable or disable the function, hold the Up and Down buttons for 10 seconds. Enabling the function will show "LOCK" in the display, disabling the function will show "OPEN".

18. DISABLE BUTTONS

This function can be used to either fully lock the buttons, or to lock the menu. When Lock Menu is enabled, it has to be disabled from the App or by factory resetting the device from the buttons.

19. OPEN WINDOW DETECTION

Open Window Detection (OWD) is a function which will reduce the device setpoint on detection of an open window. This happens when the temperature sensor registers a rapid temperature drop.

When OWD is active, the setpoint is reduced to 5°C in order not to waste energy. OWD will automatically be cancelled if OWD has been active for more than 1 hour, or if the temperature increases by 3°C. OWD can also be cancelled manually by increasing/decreasing the setpoint with the Up and Down buttons.

By default, OWD is not enabled. The feature may be enabled by selecting "OWD" from the menu. Choose between options "OFF" and "ON". It can also be enabled in the App by setting the parameter "Open window detection" to "Enabled".

20. FIRMWARE UPDATE - OTA

In order to update a Wi-Fi product using the integrated OTA function. The product must be added to the MyHeatit App using Wi-Fi, and the product must have access to the Internet. Go into the settings on the device you want to update and press Update Firmware button.
This will check if a newer version is available, if there is one, it will be downloaded and installed.

21. ERROR CODES

If you encounter an error code try turning off the power to the panel heater, either by using the main switch or unplugging the cord, to reset the device. If the issue persists, it is recommended to contact an electrician or support for further assistance.

Err Adding fail
See Chapter "Add/Remove".

Err1 Internal error
Most probably a faulty unit. Contact support.

Err2 Radio error
Most probably a faulty unit. Contact support.

Err3 Internal sensor error
Most probably a faulty unit. Contact support.

Err6 Overheating
Most probably a faulty unit. Contact support.

Err7 Overload
Most probably a faulty unit. Contact support.

22. SAFETY FEATURES

The device has safety features to ensure safe operation and warn the user of any faults/unexpected behavior. The device has an Overheat and Overload function. If the device registers an Overheat or Overload incident, the device will switch off and an error will appear in the display.

22.1 Overheating

The device features internal temperature sensors that detect overheating. It warns the user and turns off the relay to prevent any damage.
When overheating is detected, the device will:

- Turn off the relay.
- Display Err6 in the display.
- Send a notification to the "MyHeatit" App.

22.2 Overload

The device features an overload protection. The overload protection is triggered when the load is greater than 20% of the maximum load.

When overload is detected, the device will:

- Turn off the convector.
- Display Err7 in the display.
- Send a notification to the "MyHeatit" App.

22.3 Sensor failure

The device has the ability to detect when there is an issue with the internal sensor.

When the device detects the sensor error, the device will:

- Turn off the device.
- Display Err3 in the display.

23. CONFIGURATION PARAMETERS

Heatit products work out of the box. Some device configuration may, however, alter the functionality to better serve user needs or unlock further enhanced features.

NAME	SHORT DESCRIPTION / COMMENT	MIN	MAX	DEFAULT	DESCRIPTION OF VALUE
Panel mode	Choose the mode for the device.	0	2	1	0 = Off 1 = Heating (Default) 2 = ECO
Sensor calibration	Calibrate the sensor ±6°C.	-6.0	6.0	0	-6.0°C to 6.0°C. Calibrate the sensor by ±6°C. (Default is 0°C)
Tempera-ture display	Select display info during standby.	0	1	0	0 = Display setpoint temperature (Default) 1 = Display measured temperature
Active display brightness	Set display brightness for active state	10	100	100	10% - 100% 10 (100%) (Default)
Standby display brightness	Set display brightness for standby state	0	100	50	0% - 100% 5 (50%) (Default)
Heating setpoint	Desired heating temperature	5.0	40.0	21.0	5°C to 40°C 210 (21°C) (Default)
ECO setpoint	Desired ECO temperature	5.0	40.0	18.0	5°C to 40°C 180 (18°C) (Default)
Minimum tempera-ture limit (MIN)	Set lowest temperature	5	40	5	5°C to 40°C (Default is 5°C)
Maximum tempera-ture limit (MAX)	Set highest temperature	5	40	40	5°C to 40°C (Default is 40°C)
Open Window Detection	Enable/disable open window detection	0	1	0	0 = Off (Default) 1 = On
Load limit (LOLI)	The power the Panel should operate at.	100	400-1500	400-1500	100W – 1500 W. (Default is max for each model)
Disable buttons	Disable device buttons	0	2	0	0 = Off (Default) 1 = On 2 = Lock menu

24. INDICATOR

The device has an indicator function that will flash the display. This can be used while including to identify a device, and allow for it to be linked to the correct room within the "MyHeatit" App.

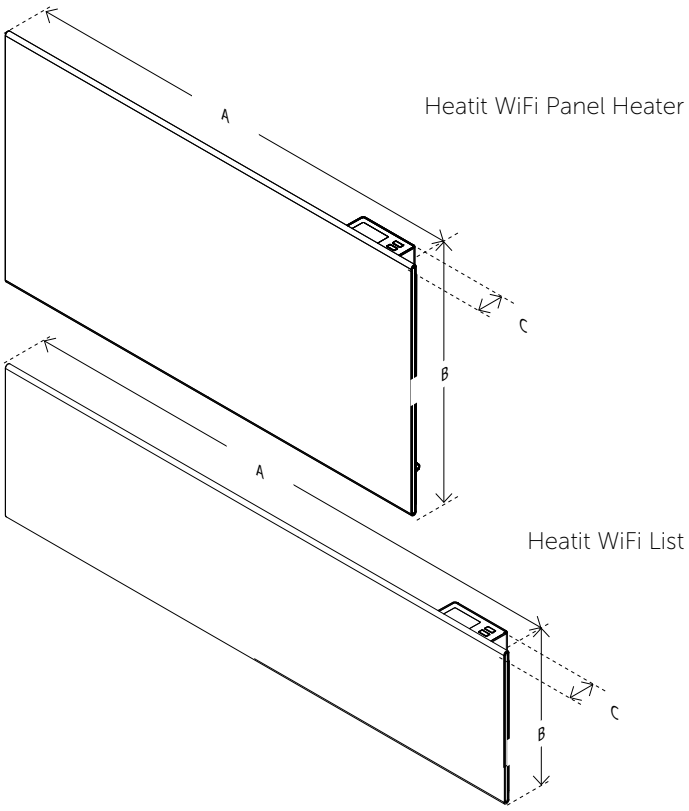
25. DIMENSIONS

Steel

ART. NO.	NAME / RATED OUTPUT	SIZE A - B - C
54 304 74 54 304 81	Heatit WiFi Panel Heater Steel **400W**	440mm x 350mm x 55mm
54 304 75 54 304 83	Heatit WiFi Panel Heater Steel **600W**	500mm x 425mm x 55mm
54 304 76 54 304 85	Heatit WiFi Panel Heater Steel **800W**	630mm x 425mm x 55mm
54 304 77 54 304 87	Heatit WiFi Panel Heater Steel **1000W**	800mm x 425mm x 55mm
54 304 38 54 304 69	Heatit WiFi Panel Heater Steel **1500W**	1000mm x 425mm x 55mm
54 304 36 54 304 37	Heatit WiFi List Steel **750W**	800mm x 255mm x 55mm
54 304 79 54 304 89	Heatit WiFi List Steel **1000W**	970mm x 255mm x 55mm

Glass

ART. NO.	NAME / RATED OUTPUT	SIZE A - B - C
54 305 00 54 305 07	Heatit WiFi Panel Heater Glass **400W**	460mm x 350mm x 50mm
54 305 01 54 305 08	Heatit WiFi Panel Heater Glass **600W**	520mm x 425mm x 50mm
54 305 02 54 305 09	Heatit WiFi Panel Heater Glass **800W**	650mm x 425mm x 50mm
54 305 03 54 305 11	Heatit WiFi Panel Heater Glass **1000W**	820mm x 425mm x 50mm
54 305 04 54 305 10	Heatit WiFi Panel Heater Glass **1500W**	1020mm x 425mm x 50mm



26. PANEL HEATER CONTROLS

ICON	DESCRIPTION
+	Up. Increase set temperature.
☰	Menu confirm. Menu enable.
—	Down. Decrease set temperature.

27. DISCLAIMER

Due to factors such as voltage, frequency, power factor, temperature, and the heating element, the panel's power output may vary by -10% to +5%.

ACTUAL VALUE (W)	-10% (W)	+5% (W)
400	360	420
600	540	630
800	720	840
1000	900	1050
1200	1080	1260
1500	1350	1575

28. CLEANING AND MAINTENANCE

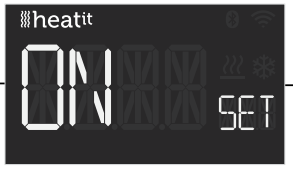
- Switch off and unplug from the power supply before cleaning.
- Using a soft, moist cloth, with or without a mild soap solution, carefully clean the exterior surface of the product.
- CAUTION: Allow the product to completely cool before handling or cleaning it.
- Do not allow water or other liquids to run into the interior of the product, as this could create a fire and/or electrical hazard.
- We also recommend the periodic cleaning of this appliance by lightly running a vacuum cleaner nozzle over the guards to remove any dust or dirt that may have accumulated inside or on the unit.
- CAUTION: Do not use harsh detergents, chemical cleaners or solvents as they may damage the surface finish of the plastic components.

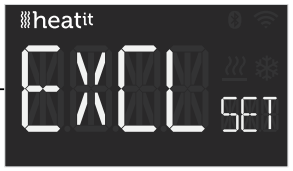
29. CHART - DISPLAY MENU STRUCTURE

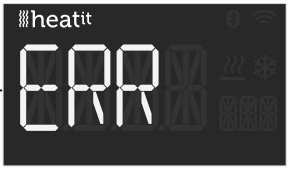
Hold the middle button for 5 seconds to enter menu.

Hold for 2 seconds to turn OFF the thermostat / 5 seconds to turn ON the thermostat

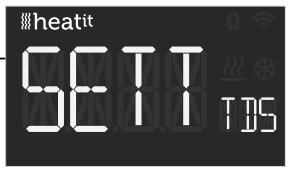
Connect

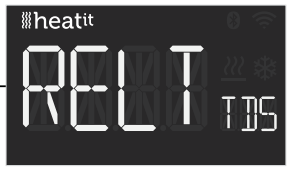






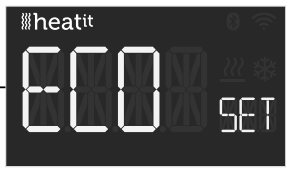
Hold button for 2 seconds





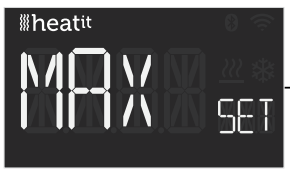
TDS: Temperature displayed in standby mode
SETT: Setpoint temperature
RELT: Real time temperature

Default



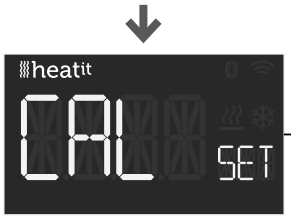
5, 5.5, ..., 40°
Default 5°

Minimum temperature limit



5, 5.5, ..., 40°
Default 40°

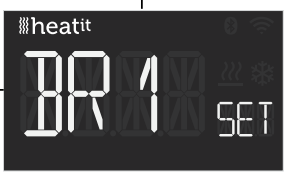
Maximum temperature limit



-6, -5.9, ..., 0, 0.1, ..., 6°
Default 0°

Calibration

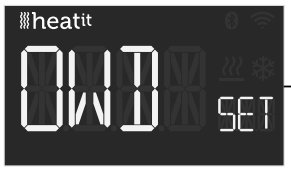
10 - 100%
Default 10 (100%)



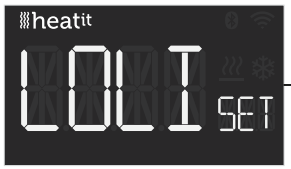
0 - 100%
Default 5 (50%)

Brightness
- **BR1** Brightness 1 active state
- **BR2** Brightness 2 standby state

Default



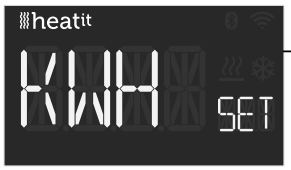
Open window Detection



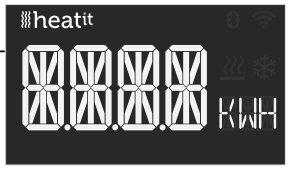
100W - (maximum depending on panel model)
Default (maximum depending on panel model)

Load limit

Hold Center button to reset the kWh.

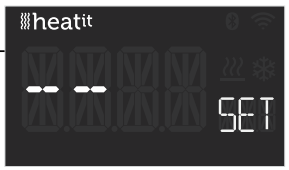


Shows total consumption



Measured consumption

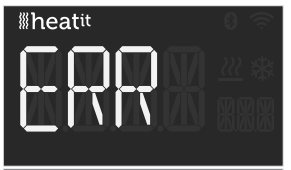
Hold to factory reset.



Factory reset

Escape (exit menu)

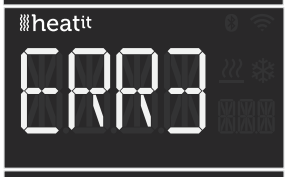
29.1 Error messages in display



Failed to include

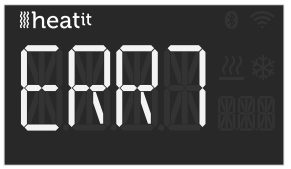
Internal error:
MCU and Wi-Fi chip communication failed

Radio error



Internal sensor error

Overheat

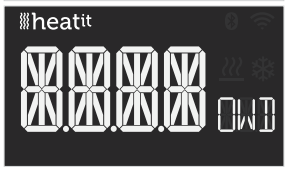


Overload

29.2 General display messages

Childlock activated

Childlock disabled



Open window detected

Settings stored

DISPOSAL GUIDELINES
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

We have designed this product in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001). All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers manual and national building codes. Any wrongful installation, misuse or damage to the product is not covered under warranty.

Heatit Controls AS can not be held liable for any type of errors or omittances in our product information. Product specifications may change without further notice.

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PRODUCT INFO Heatit WiFi Panel Heater/List

FEATURES

- Wi-Fi and Bluetooth (BLE)
- Open API for integration
- Local control through control panel
- Digital thermostat
- Temperature control from 5°C to 40°C
- Adjustable power output from 100W to max
- Silent control Triac
- Easy-to-read LCD display
- Comfort and Eco-mode
- Active power metering
- Open Window Detection
- Overheat protection
- Child lock
- Splash proof IP24
- Firmware update (OTA)
- Wall bracket
- Wide range of outputs
- White or black color

TECHNICAL DATA

Protocol	Wi-Fi 2.4GHz/BLE
Rated voltage	230VAC 50Hz
Rated output	from 400 to 1500W
Temperature	from 5°C to 40°C
Storage temperature	-30°C to 70°C
Cord lead	130 cm Black - White
IP Code	IP24
Approvals	CE (Link)

Working frequency 2.4GHz, Max output power ≤ 20dBm. The distance between user and products should be no less than 20cm. There is no restriction to use this product across the EU countries.

Hereby, Heatit Controls AS, declares that this device is in compliance with the essential requirements another relevant provisions of Directive 2014/53/EU.

MAINTENANCE

Refer to the Chapter "Cleaning and Maintenance."
Indoor use only.

heatit CONTROLS

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