The MiHome Thermostat is part of Energenie’s heating range of products and part of the MiHome home automation range. The heating range includes the radio controlled MiHome thermostat, radio controlled radiator valves.*

MiHome products link directly to the MiHome Gateway* which provides the communications between your MiHome device and the internet.

(* MiHome Gateway, radiator valves are available to purchase separately)

The MiHome thermostat is suitable for switching any standard domestic boiler (see product specification below). Control of the thermostat is by radio control using either the Android or IOS smartphone App, or by using the MiHome server web portal, in conjunction with an internet connected Gateway.

**In the Box:**
- MiHome Thermostat (Product Code MIHO069)
- Batteries (2 x AA (LR6))
- Screw Fittings (please note that while we provide screw fittings it is your responsibility to check their compatibility with the surface to which you are fixing the thermostat).

**Installation**

MUST BE INSTALLED BY A COMPETENT PERSON

1. Remove your old thermostat, if it is necessary cut the power off in the installation area.

2. Remove the back of the thermostat by inserting your finger into the opening and pulling back the panel connections box.

3. Enter the connection cables to the boiler through the hole in the connections box.

4. Screw the connections box to the wall, using either the fixings included in the package, or if they are unsuitable for your wall material please use alternative fixings.

5. Connect the control wires to the W and COM terminals on the connections box. If the cable is rigid, you can enter it directly. If it’s flexible, you may need help from the tip of a pen to press on the thermostat terminal block.

6. Insert the batteries into the thermostat. The LED will flash three times, indicating that they have been inserted correctly.

7. Fit the thermostat to the connections box on the wall and your thermostat is now ready to use.

**Pairing with the MiHome Gateway**

To pair the thermostat to your MiHome Gateway, follow the instructions below to pair using either the MiHome App or the web browser. When requested by the app/web browser, put the thermostat into pairing mode by pressing the ‘M’ button on the side of the unit until the pairing LED icon starts to flash (approx. 3 seconds). Successful pairing will be indicated on the app or MiHome server web portal by a message, and the pairing LED icon on the unit’s display will stop flashing and stay steady on.

**Smartphone:**

1. Log into your MiHome account on the MiHome App (Available for free on both iOS and Android platforms)
2. Select Add a new device from the menu and choose Thermostat.
3. Follow on-screen pairing instructions

**Web Browser**

1. Log into your MiHome account at mihome4u.co.uk.
2. Select Pair New Device from the mihome4u.co.uk/devices
3. Select the Thermostat, followed by Pair Device and follow the on-screen pairing instructions.
Remote Control Operation
Once paired with the MiHome gateway all functions of the MiHome thermostat can be controlled and viewed through the Smartphone App and Web portal. Available functions include:
- Set the target temperature
- View current and historical graphs of ambient temperature and relative humidity
- Set up a schedule
- Setup Geofencing to automatically switch your heating when you’re away
- Choose a battery-saving summer mode
- Configure MiHome TRVs to work with the MiHome Thermostat

Configuring the Thermostat

Configuring the thermostat – Settings page

Temperature offset
- Temperature offset (°C) can be set from the settings section on either the web browser, or smartphone app.
- The offset is applied when the heating system temperature is lower than the target temperature.

Humidity offset
- Humidity offset (%) can be set from the settings section on either the web browser, or smartphone app.
- The offset is applied when the ambient humidity is lower than the target humidity.

Comfort temp margin
- Comfort temp margin (°C) can be set from the settings section on either the web browser, or smartphone app.
- The comfort margin is the range of temperature where the heating system is considered to be comfortable.

Eco temp margin
- Eco temp margin (°C) can be set from the settings section on either the web browser, or smartphone app.
- The eco margin is the range of temperature where the heating system is considered to be energy efficient.

Seasonal modes
- Winter and Summer (13, 14, and 15) can be set from the settings section on either the web browser, or smartphone app.

TRV warmup time
- Warmup time (16) can be set from the settings section on either the web browser, or smartphone app.

Reverse relay
- Reverse relay (17) can be set from the settings section on either the web browser, or smartphone app.

eTRV Integration
- For initial eTRV setup please refer to the eTRV instructions which are available on our eTRV product page.
- All sections in eTRV Integration refer to the eTRV pages on the app.
- Repeat the following procedures as required for all eTRVs that are to follow the thermostat.

Follow Thermostat
- You can enable any of your eTRVs to follow your Thermostat. By following the Thermostat, the eTRV will replicate and maintain the same target temperature as the Thermostat. To do this, select your desired eTRV from the settings section on either the web browser, or smartphone app.

Display
- Swipe to view temperature, humidity and motion.

Manual On/Off control
- The thermostat may be set to either: Off - standby mode, powered on, not controlling the heating, and reporting temperature, humidity, and motion. Button shows dark grey when selected, otherwise light grey.
- On - normal operation, powered on, controlling the heating, and reporting temperature, humidity, and motion. Button shows green when selected, otherwise light grey.

Comfort and Eco mode
- Comfort mode keeps the temperature control close to the target temperature, whereas Eco mode will allow the temperature to fall lower than Comfort mode before switching the boiler back on. This may be set by selecting either the web browser, or smartphone app.
- The temperature is shown on the slider itself (point 3) and the Target Temperature dial.

Programmes
- Programmes comprise of an On time, an Off time, any or all days of the week, and a target temperature which together provide for controlled operation of the heating system.
- Multiple programmes may be configured for each thermostat. These programmes may be set on either the web browser, or smartphone app.

Reverse relay
- Depending on the boiler requirements, the relay may be left as default (Normally Open), or may be set to reverse operation (Normally Closed). This may be set from the settings section on either the web browser, or smartphone app.

Temperature offset
- The thermostat may be given an offset in steps of 1% to align with other rooms or temperature measuring devices within your home. This offset may be set from the settings section on either the web browser, or smartphone app.

Humidity offset
- The thermostat may be given an offset in steps of 0.5°C to align with other rooms or humidity measuring devices within your home. This offset may be set from the settings section on either the web browser, or smartphone app.

Comfort and Eco temp margins
- To allow any TRVs to reach their own designated target temperature, the heating can be set to continue heating for an undefined time after it has reached the target temperature at the thermostat location. This TRV warmup time can be set from the settings section on either the web browser, or smartphone app.

Reverse relay
- The relay may be left as default (Normally Open), or may be set to reverse operation (Normally Closed). This may be set from the settings section on either the web browser, or smartphone app.

Follow Thermostat
- You can enable any of your eTRVs to follow your Thermostat. By following the Thermostat, the eTRV will replicate and maintain the same target temperature as the Thermostat. To do this, select your desired eTRV from the dashboard. Select the last option on the page “Follow Thermostat”.

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**Product Spec**

Model: MIHO0069,  
Radio: 433MHz OpenThings  
Batteries (2 x AA (LR6))  
Voltage Range: 220 – 240 V 50Hz ac  
Temperature, humidity and presence sensor  
Temperature accuracy ±0.3°C  
LED display  
Switching Rating: DC 2A/30V max, AC 0.25A/230V max  
Max Power: 62.5VA / 60W  
Relay Type: Single pole, volt free, dry contacts  
Dimensions: 100 x 100 x 25 mm  
Weight: 150g  
Rx Frequency: 433.9 MHz  
Range: 30 m in open area

**SIMPLIFIED EU DECLARATION OF CONFORMITY**

Hereby, Sandal Plc, T/a Energenie declares that the radio equipment type MIHO069 MiHome Thermostat is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: www.energenie4u.co.uk

**Safety**

If you do not install and use in line with this guide the warranty will become invalidated and we will not be liable for any damage or loss whatsoever, including indirect loss, damage to property or personal injury. You must only use the product in dry areas indoors, and it must be protected from moisture and water. Do not disassemble as it does not contain any parts to service. If it arrives faulty, return it to where you bought it. Your statutory rights are not affected.

**Further Help**

For more help, look online at mihome4u.co.uk/troubleshooting and www.energenie4u.co.uk or contact our helpful support team in the UK via 08000 469 466 or support@mihome4u.co.uk. Further contact methods can be found at energenie4u.co.uk/about_us/contact_us.

**Parameter Settings**

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<th>Parameter</th>
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<tr>
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