homely

Installation Manual

Safety Symbols

The following symbols are used in this manual.

DANGER

Hazards or unsafe practices that may result in electric shock and severe personal injury or death.

WARNING

Hazards or unsafe practices that may result in severe personal injury or death.

Safety Information

DANGER

Before proceeding, ensure that all power supplies in the property are isolated. Failure to isolate the power supply may result in electric shock, fire or death.

WARNING

- All electrical works must be conducted by a qualified technician and must comply with local regulations.
- Installation by unqualified persons may result in product malfunction, electric shock or fire.
- The installation must be performed in accordance with the installation instructions before energising.
- Incorrect installation of equipment may result in electric shock or fire.

Contents

Updated manual

This manual was last updated on 25th Feb 2026. Check online for an updated version.

www.homelyenergy.com/manual

Compatibility checker

To check whether Homely is compatible with the heating system, please go to:

www.homelyenergy.com/manual/compatibility

Installation videos

For a seamless installation, we've created detailed videos for each of our integrations. Please refer to this manual and watch our step-by-step videos to ensure a smooth setup of Homely.

www.homelyenergy.com/manual/videos

YouTube

Installation requirements

Found in the box

1. 

2. 

3. 

4. 

5. 

6. 

7. 

8. 

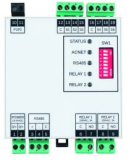
No.	Component
1	Homely Hub
2	Homely Node (temperature sensor)
3	Node wall mounting adhesive
4	Hub wall mounting adhesive
5	5V Hub power supply
6	120-ohm resistor
7	2x crimp ferrule
8	Cable ties

Tools required

No.	Component
1	Wire strippers
2	Crimp tool
3	Pliers
4	Screwdrivers
5	Multimeter

Items required but not found in the box

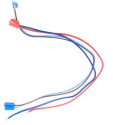
Daikin installs only

1. 

2. 

Samsung installs only

3. 

4. 

The Relpol relay is required for Samsung heat pumps to independently control space heating and DHW when installed with hydraulic separation. Go to the“Samsung” section for more information.

5. 

6. 

Mitsubishi installs only

7. 

Dual zone installs only

8. 

Second nodes are available for purchase and are not included in the box

9. 

10. 

No.	Component
1	Modbus adapter (Daikin only)
2	Power supply (Daikin only)
3	Samsung MIM-B19N (Samsung only)
4	MIM-B19N Cables (Samsung only)
5	RELPOL Relay R15-2012-23-5230-WTL (Samsung only)
6	RELPOL Socket GZ8-01 (Samsung only)
7	MelcoBEMS Mini (A1M) (Mitsubishi only)
8	Second node (Dual zone only)
9	Modbus cable (Belden 9841 or stranded CAT-5/CAT-6 recommend)
10	Homely installer / customer app

Homely Installation

STEP 1: Pre-installation checks

1. Before starting the Homely installation, ensure that the heat pump has been installed in accordance with the manufacturer's instructions.
2. Ensure your heat pump can directly control any valves or pumps included in your system design. Homely itself only controls the heat pump, so any additional valves or pumps must be controlled by the heat pump for Homely to work.

WARNING
Ensure that safety and warranty-critical functions have been set up correctly on the heat pump.

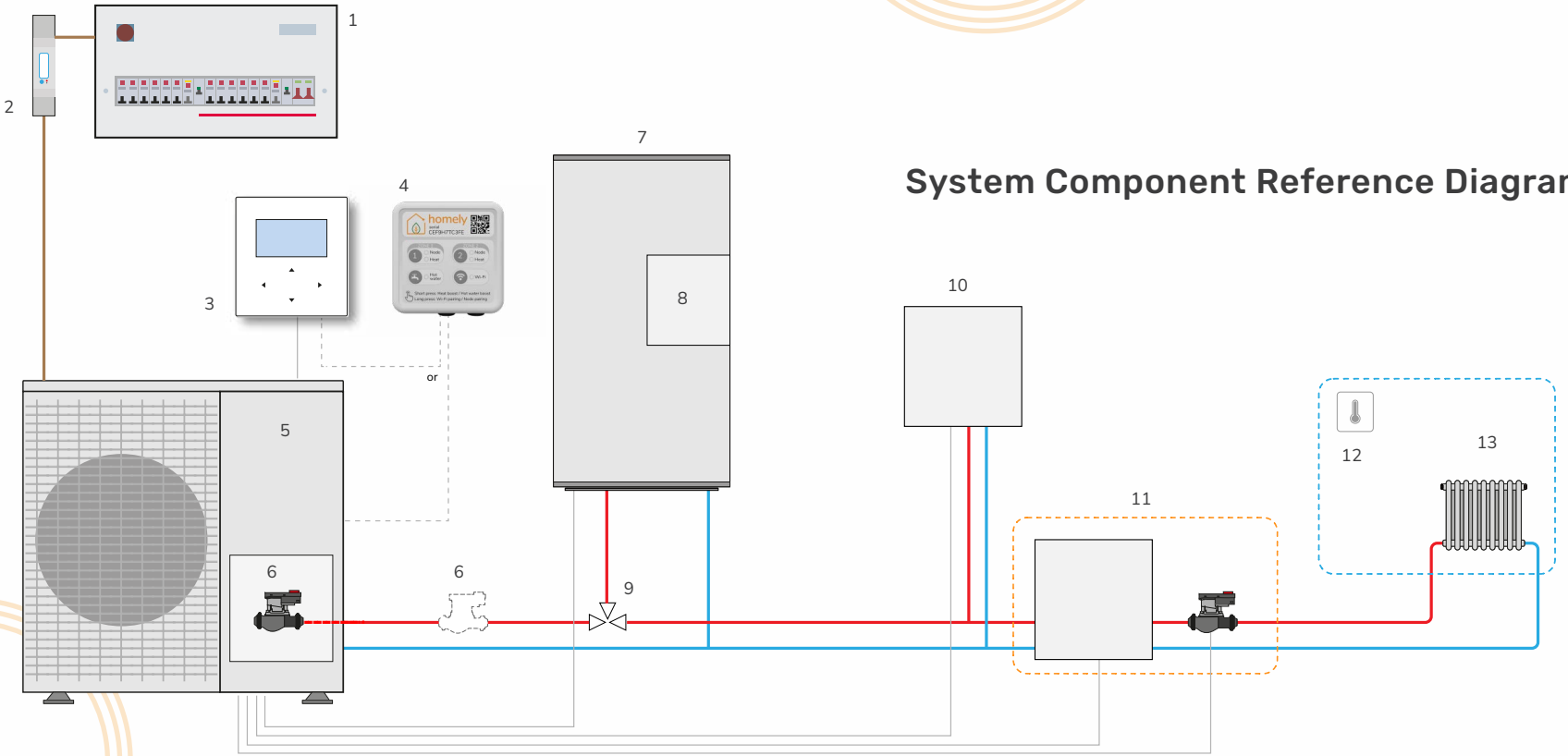
e.g. Legionella and frost protection

This table refers to the system component reference diagram on pages 8-9:

No.	Component
1	Consumer unit
2	Heat pump electricity meter (optional)
3	Heat pump controller
4	Homely Hub
5	Heat pump
6	Primary pump (location may vary depending on heat pump brand)
7	DHW tank
8	Tank booster heater (optional)
9	3-port valve (can also be a 2-port valve)
10	Additional heat source (optional)
11	Header, buffer, heat exchanger & secondary pump (optional)
12	Homely Node (temperature sensor)
13	Underfloor or radiator

Pre-installation checks

System Component Reference Diagram



System Design – Two Zone

Two zone compatibility can be checked using the "Compatibility checker", please see the contents page.

Two zone requirements

- Two Homely Temperature Nodes are required.
- Installations need to be set up where the heat pump controls both Zone 1 and Zone 2 through the heat pump controller, without Homely. The heat pump controls should be tested before adding Homely to the system.
- Homely does not support systems that require external thermostats to control individual loops, the controls to pumps and valves must be sent from the heat pump.
- Homely requires independent control of zones, e.g. Zone 1 and 2 can operate without activating the alternate zone.
- The designation of Zone 1 and Zone 2 must be consistent from plumbing, heat pump internal controls and Homely Temperature Node placement. Reversal of zones will cause technical issues.

- Zonal flow temperature sensors are installed and activated.
- Homely can only operate two zones, any additional zones would need to be grouped together to meet the two zone requirement.
- When installing mixing valves, it's important for the installer to consider the customer's requirements, typically the mixing valve should be placed on the customer's cooler zone, or to satisfy underfloor requirements.

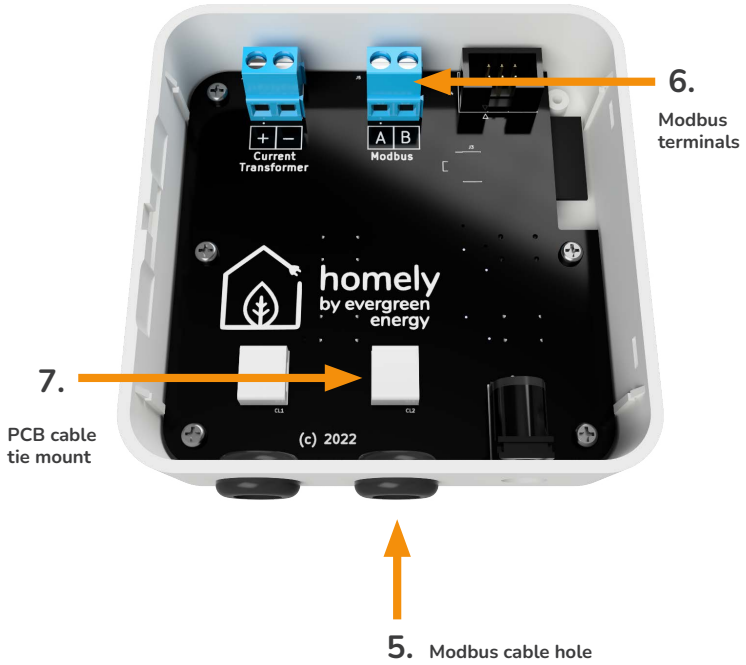
For best operational costs

- Often reducing to a single (open loop) zone will provide the best operational costs. This is due to efficiency losses when using a partial circuit and thermal losses between zones.
- Where a single zone is not appropriate, the use of an **electronic** mixing valve allows Homely to optimise flow temperature per zone.
- Mixing valves are not a requirement, Homely is compatible with non-mixing systems.

STEP 2: Wiring Homely

1. For the Homely Hub placement, find a dry indoor spot within 16 meters of the main living space (where the Temperature Node will go) with a good Wi-Fi signal and near a standard mains power outlet.
2. Remove the back plate of the Homely Hub.
3. Mount the back plate to the wall, ensuring its orientation aligns correctly with the front section of the Hub before applying the mounting adhesive.
4. Strip and attach two crimp ferrules (page 2, item 7) to a single twisted pair of wires from the Modbus cable (page 5, item 7).
5. Pass the Modbus cable through the cable hole in the bottom of the Hub as shown opposite (figure 1).
6. Connect one wire from the Modbus cable to terminal A, and connect the other wire to terminal B, noting which wire goes to which terminal. Take care not to overtighten the terminals.
7. Secure the cable in place using a cable tie and the cable tie mount on the PCB.
8. Reattach the Hub to the back plate on the wall.

figure 1



STEP 3: Connecting to heat pump system

Standard R32 (Midea, Riello, Worcester Bosch, Clivet, Nordis, Airwell)

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely Hub

Homely's Modbus interface must be wired into the indoor heat pump controller.

1. Connect terminal A in the Homely Hub to H2 in the heat pump controller.
2. Connect terminal B in the Homely Hub to H1 in the heat pump controller.
3. Connect the supplied 120-ohm resistor between the controller terminals as shown (figure 2).

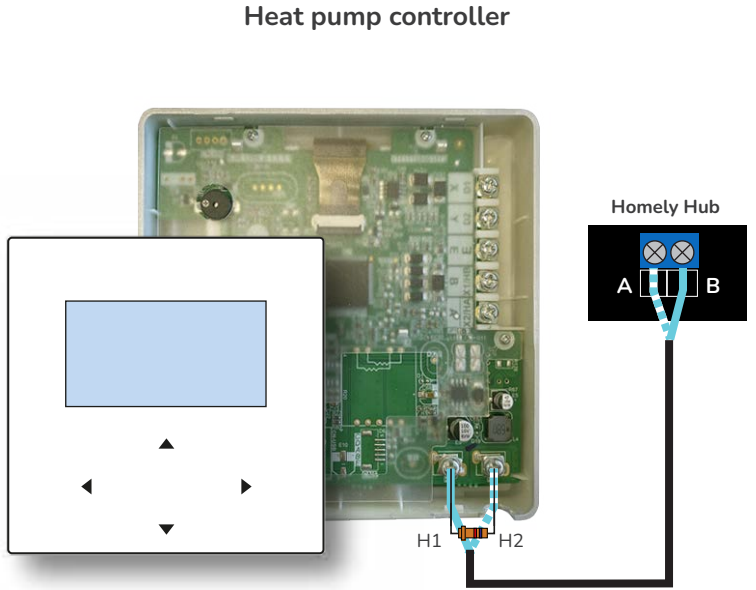


figure 2

Standard R290 (Midea)

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely hub

Homely's Modbus interface must be wired into the indoor heat pump controller.

1. Connect terminal A in the Homely Hub to H1 in the heat pump controller.
2. Connect terminal B in the Homely Hub to H2 in the heat pump controller.
3. Connect the supplied 120-ohm resistor between the heat pump controller terminals as shown (figure 1).

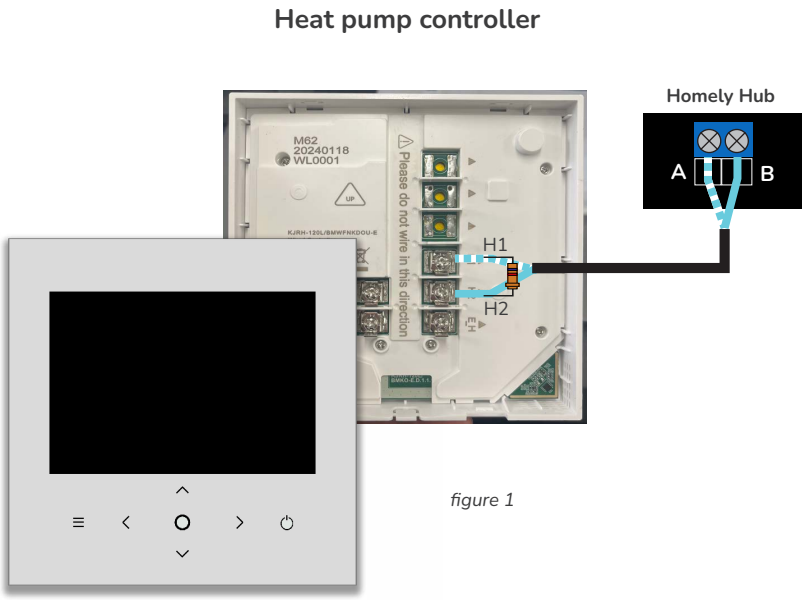


figure 1

Standard R290

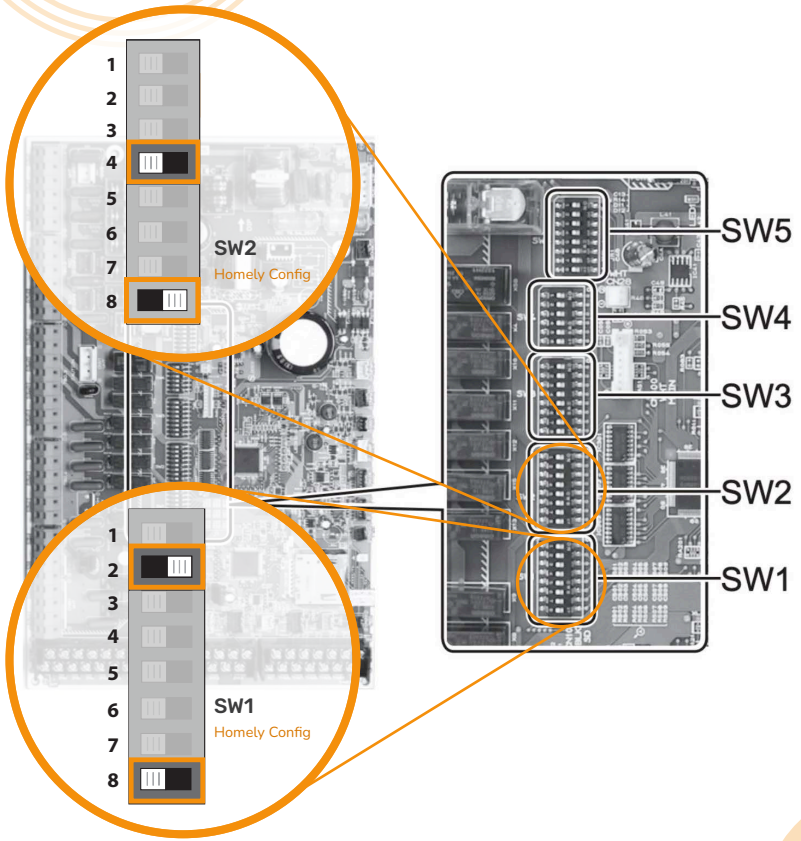
Mitsubishi

To install Homely on a Mitsubishi heat pump you will require a Modbus adapter; go to 'Installation Requirements' for details.

FTC5 to FTC7 Dip Switches

- SW1 Switch 2: Water Outlet Temp 60°C - Turn ON
- SW1 Switch 8: Wireless remote controller – Turn OFF
  (Note: this may disable existing room controllers)
- SW2 Switch 4: Cooling mode function – Turn OFF
- SW2 Switch 8: Flow sensor - Turn ON

All other switches may remain as required per typical heat pump installation.



Controller configuration - FTC7

For the FTC5/6, please go to the next section “Controller configuration – FTC5/6”.

1. From the home screen, press the menu button (figure 1).
2. Select ‘Holiday’. (figure 2).
3. Set the ‘Heating / Cooling’ toggle to OFF (figure 3).
4. Set the ‘DHW’ toggle to OFF (figure 3).

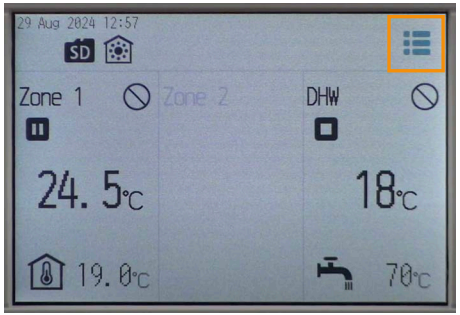


figure 1

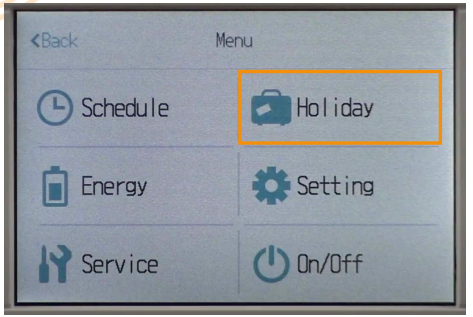


figure 2

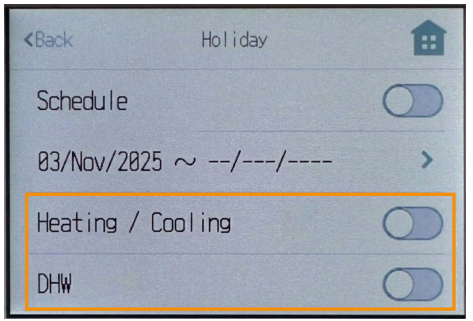


figure 3

Mitsubishi

5. Return to the menu screen, select ‘Setting’ (figure 4).
6. Select ‘Room Sensors’ (figure 5).
7. Select ‘Zone 1 programme’.
8. Select ‘Programme 1’.
9. Change ‘Room Sensor’ to ‘MainRC’ (figure 6).

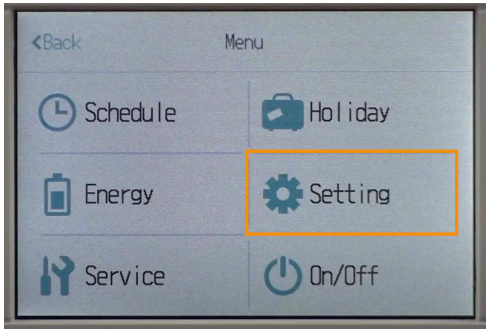


figure 4

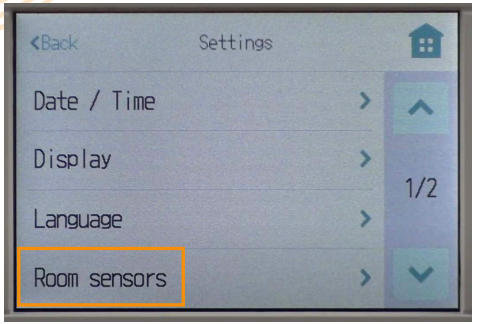


figure 5

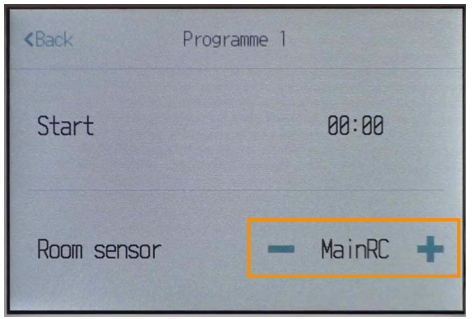


figure 6

10. Return to the home screen.

11. Select the ‘Zone 1’ area (figure 6, left box).

12. Set the ‘Schedule’ toggle to OFF (figure 8).

13. Set the ‘Always off’ toggle to OFF (figure 8).

14. Return to the home screen.

15. Select the ‘DHW’ area (figure 6, right box).

16. Press ‘Next’.

17. Set the ‘Always off’ toggle to ON (figure 9).

Please now move onto section “MelcoBEMS Dip Switches”.

figure 7

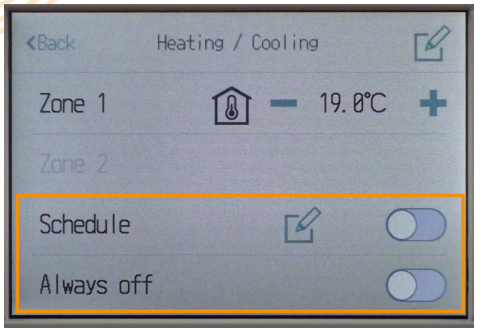


figure 8

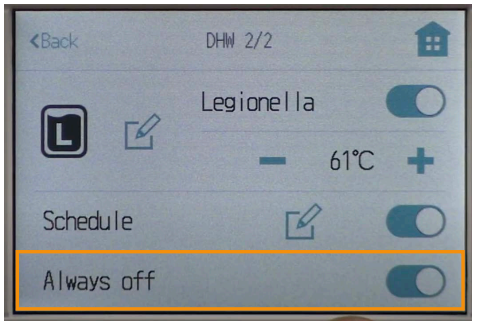


figure 9

Mitsubishi

Controller configuration - FTC5/6

1. From the home screen, hold the menu button down.
2. Move the cursor to “Holiday mode”, select, (figure 10).
3. Using F1 and F2, ensure the screen has the same checkboxes ticked, (figure 11).

   DHW = Not Active
   Heating = Not Active

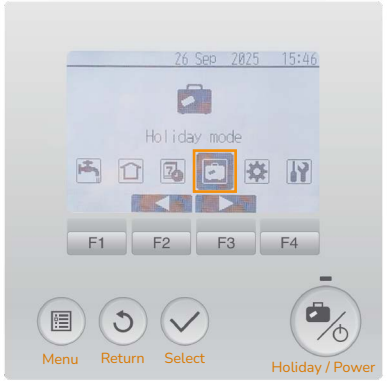


figure 10

figure 11

Mitsubishi

4. Return to the menu screen, select “Initial Settings” (figure 12).
5. Scroll down and select “Room Sensor Settings”.
6. Now select, “Sensor Setting”, (optional) select “Zone 1”, select “Sensor Setting” again (figure 13), and change to “Time/Zone” (figure 14).
7. (Optional) Return and repeat this for all zones available, if you only have one zone, you may not see any “Zone” options.

figure 12

Mitsubishi

figure 13

figure 14

1. From the home screen, press the right most button (F4, figure 15).
2. Using F2 and F3, ensure the icons match figure 6 for the middle two boxes.

   DHW = Prohibited
   Heating = ON

figure 15

MelcoBEMS Dip Switches

Set the DIP switches in figure 16 to the following

- Switch 1 = ON
- Switch 6 = ON
- Switch 7 = ON

All other switches should remain off.

figure 16

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely Hub

Homely's Modbus interface must be wired into the MelcoBEMS (figure 17).

1. Connect terminal A in the Homely Hub to terminal A on the MelcoBEMS.
2. Connect terminal B in the Homely Hub to terminal B on the MelcoBEMS.
3. Connect the supplied 120-ohm resistor between the terminals as shown (figure 17).
4. Connect the MelcoBEMS red connector into the heat pump's FTC as per manufacturer guidance. This is typically CN105 as displayed in (figure 18). Other devices may need to be disconnected from CN105.
5. Two flashing green LEDs on the MelcoBEMS indicate successful connections. RS485 flashes once every 10 seconds.

6. Secure the MelcoBEMS as per manufacturer's guidance.
7. Please note – after this step, Homely will need to be powered down to access the heat pump controller.

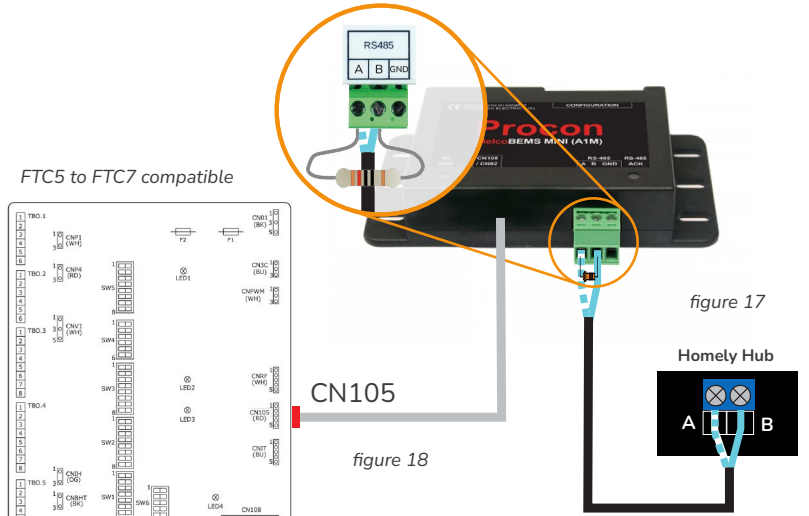


figure 17

FTC5 to FTC7 compatible

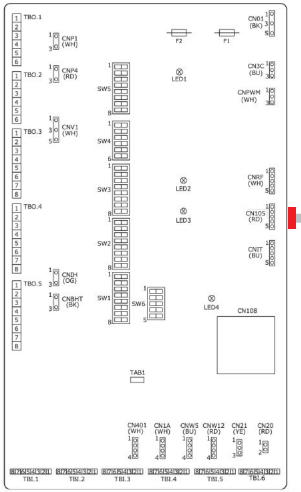


figure 18

Ideal Heating

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely Hub

Homely's Modbus interface must be wired into either an Ideal Heating Control Box (figure 1) or the heat pump controller (figure 2).

1. Connect Terminal A in the Homely Hub to Terminal H1 in the selected control device.
2. Connect Terminal B in the Homely Hub to Terminal H2 in the selected control device.
3. If you have selected the heat pump controller, connect the supplied 120-ohm resistor between the H1 and H2 terminals as displayed (figure 2).
4. Ensure that the Ideal Heating USB system parameter update is complete prior to Homely Installer App commissioning.

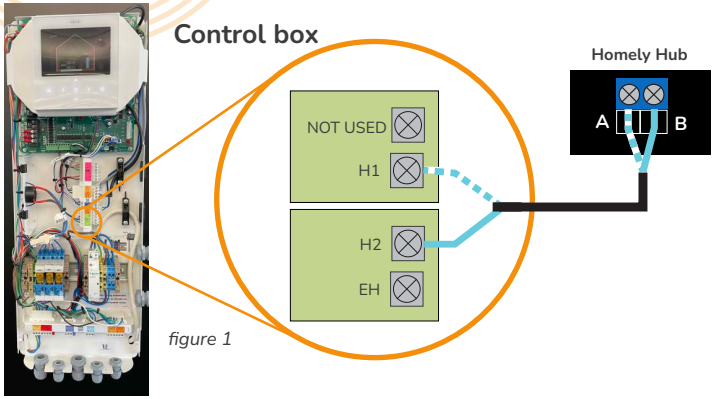


figure 1

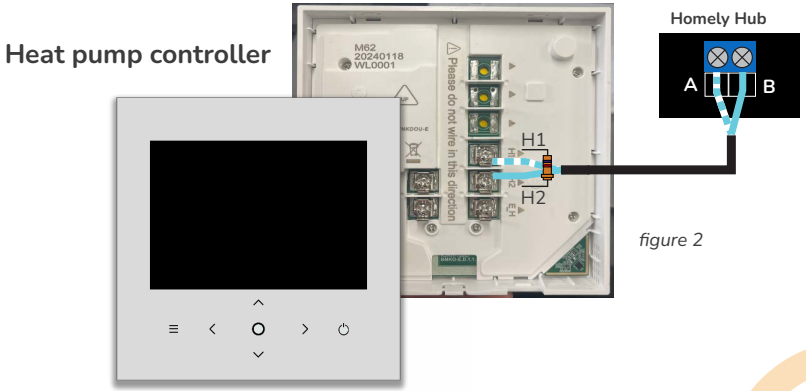


figure 2

Ebac

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely hub

The Homely's Modbus interface must be wired into the indoor heat pump controller.

1. Connect terminal A in the Homely Hub to terminal A in the Ebac controller.
2. Connect terminal B in the Homely Hub to terminal B in the Ebac controller.
3. Connect the supplied 120-ohm resistor between the controller terminals as shown on the next page (figure 1).

Ebac indoor controller

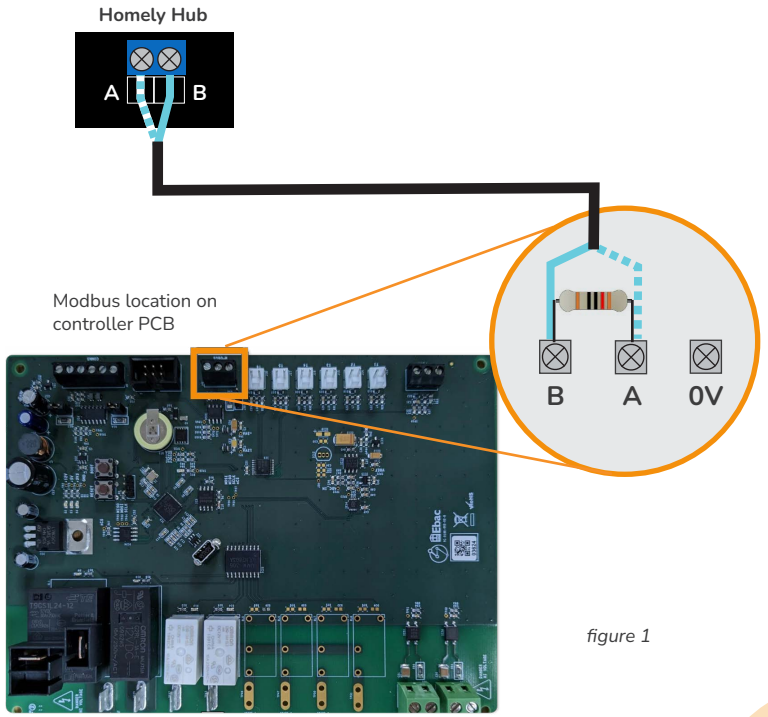


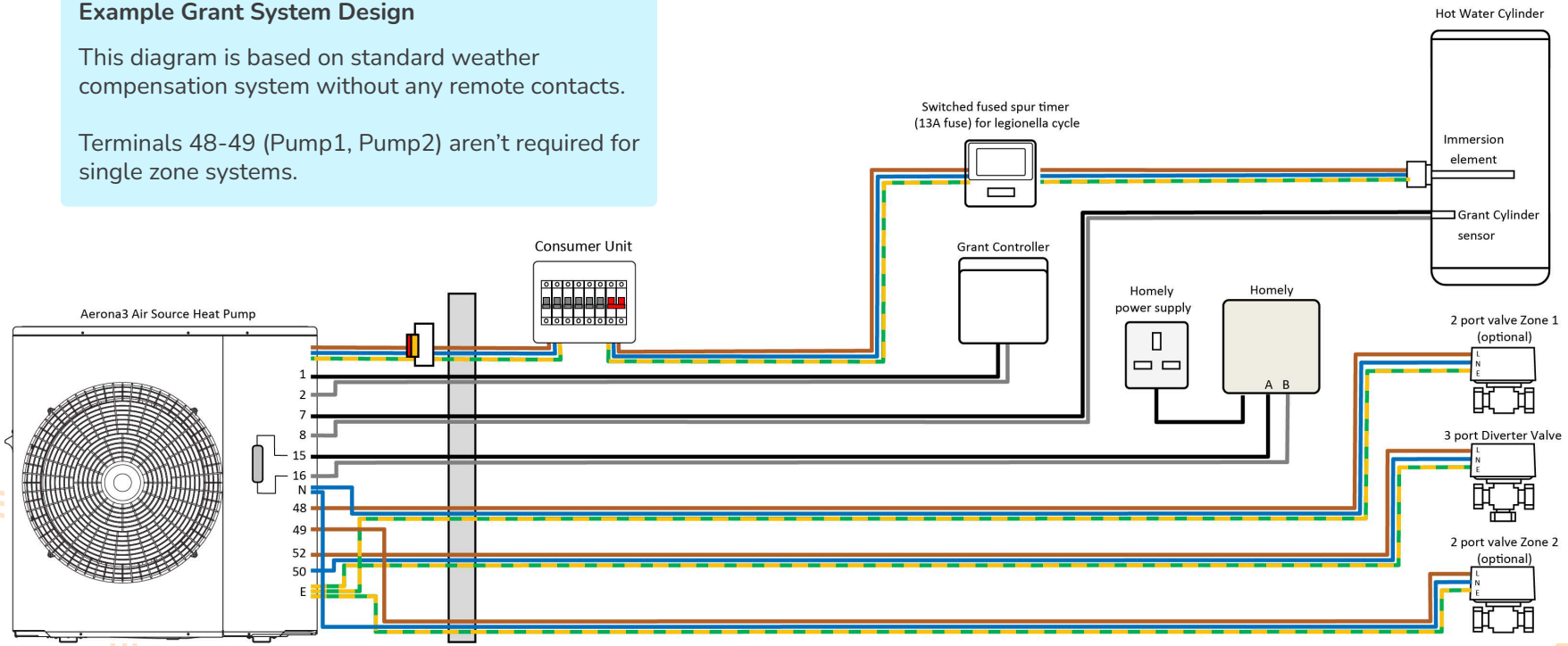
figure 1

Grant

Example Grant System Design

This diagram is based on standard weather compensation system without any remote contacts.

Terminals 48-49 (Pump1, Pump2) aren't required for single zone systems.



Grant

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely hub

The Homely's Modbus interface must be wired into the outdoor heat pump unit.

1. Connect terminal A in the Homely Hub to terminal 15 in the outdoor unit.
2. Connect terminal B in the Homely Hub to terminal 16 in the outdoor unit.
3. The supplied 120-ohm resistor must be placed between the outdoor unit's control PCB terminals as shown on the next page (figure 1).

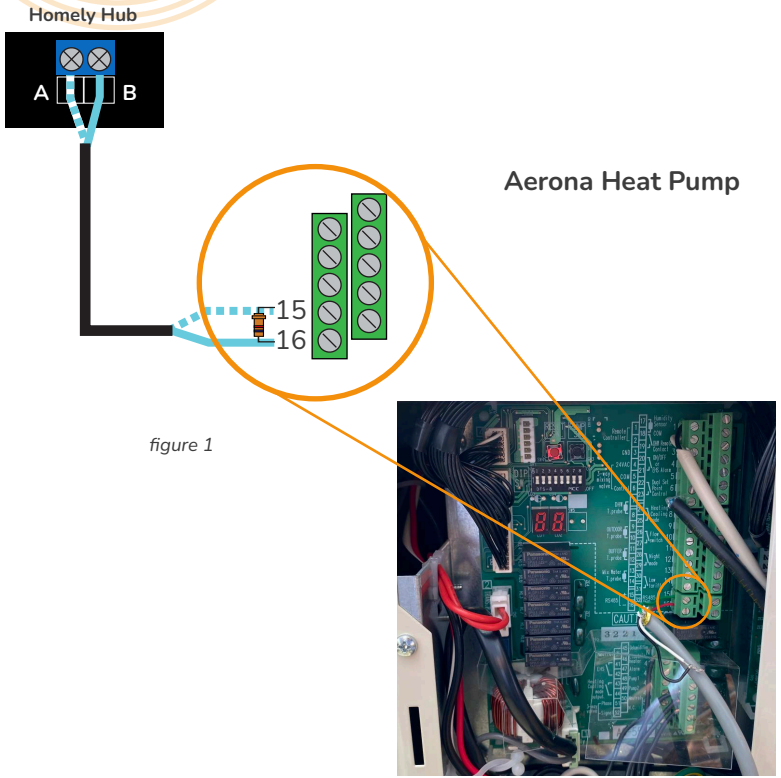


figure 1

Daikin

To install Homely on a Daikin heat pump you will require a Modbus adapter with a power supply; go to pages 4 & 5 (items 1 & 2) for details.

Controller configuration

1. On the controller, scroll to the “User Profile” setting with the left wheel.
2. Select it with the left button.

3. Enter the password, to allow access to the installer settings.
4. Use the right wheel to select each number, then confirm with the right button (inside the right wheel).
5. When all numbers are entered, press the left button.

The default password is 5678

6. Go to “Installer Settings” (figure 1).

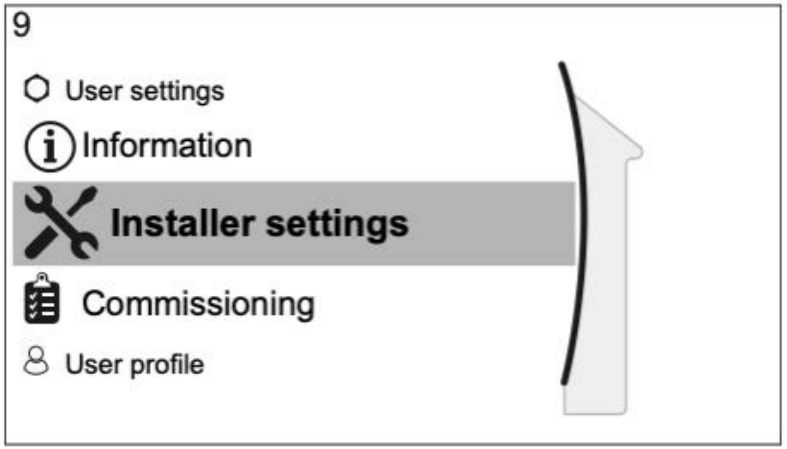


figure 1

7. Enter the “Main Zone” menu.
8. Select your emitter type and press the right button. Set “Control” to “Leaving Water” and press the right button. Set “Set Point” to “Fixed” and press the right button. Confirm all the settings on this menu with a left button press.

9. Confirm the “Tank” menu setting “Heat Up Mode” is “Reheat Only” and press left button.
10. Return to “Installer Settings”, find “Overview field settings”. Change the following DHW settings:
    - 8-01: 90 (Maximum running timer)
    - 8-02: 0 (Anti recycle timer)
    - 8-04: 5 (Additional timer)
11. Apply the settings and wait for the Daikin system to re-configure.

Install the Modbus adapter

The Daikin controller is connected to the outdoor unit via a 2-wire P1/P2 connection (figure 3, page 32). Optionally, a wired thermostat may also be connected, extending the daisy chain (figure 2) of devices.

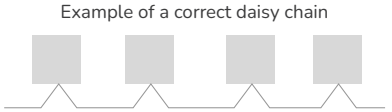


figure 2

Refer to the Daikin manual for a wire specification for this bus.

A typical Daikin heat pump installation includes these components:

figure 3

DANGER - Ensure the heat pump system is powered down when installing the Modbus adapter

To connect Homely you'll need to:

1. Mount the Modbus adapter unit in accordance with its manufacturer's instructions.
2. Connect the Modbus adapter to either end of the daisy chain.
3. On the adaptor DIP switches, set switch 8 ON and the switches 1-7 OFF (figure 5).
4. Connect the Modbus adapter power supply to terminals 1 & 2 as shown (figure 4).

WARNING
Don't mix up the Modbus adapter power supply with the Homely power supply.

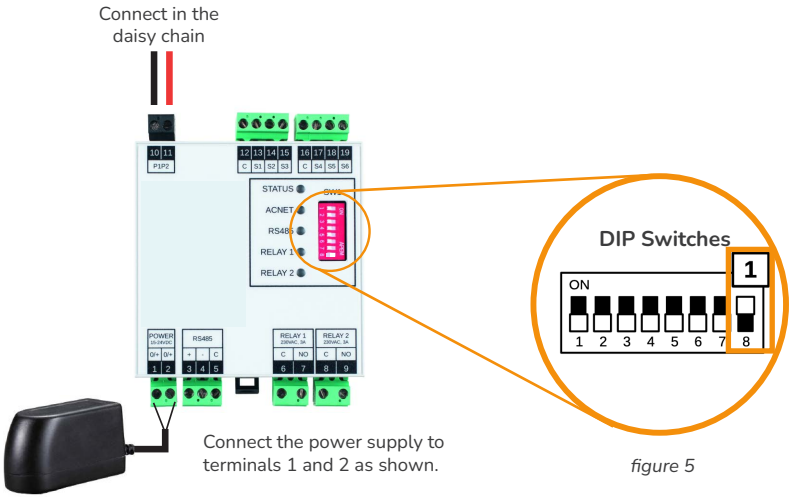


figure 4

figure 5

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely hub

The Homely's Modbus interface must be wired into the Modbus adapter.

1. Connect terminal A in the Homely Hub to terminal 3 on the Modbus adapter.
2. Connect terminal B in the Homely Hub to terminal 4 on the Modbus adapter.
3. Connect the supplied 120-ohm resistor between the controller terminals as shown on the next page (figure 6).

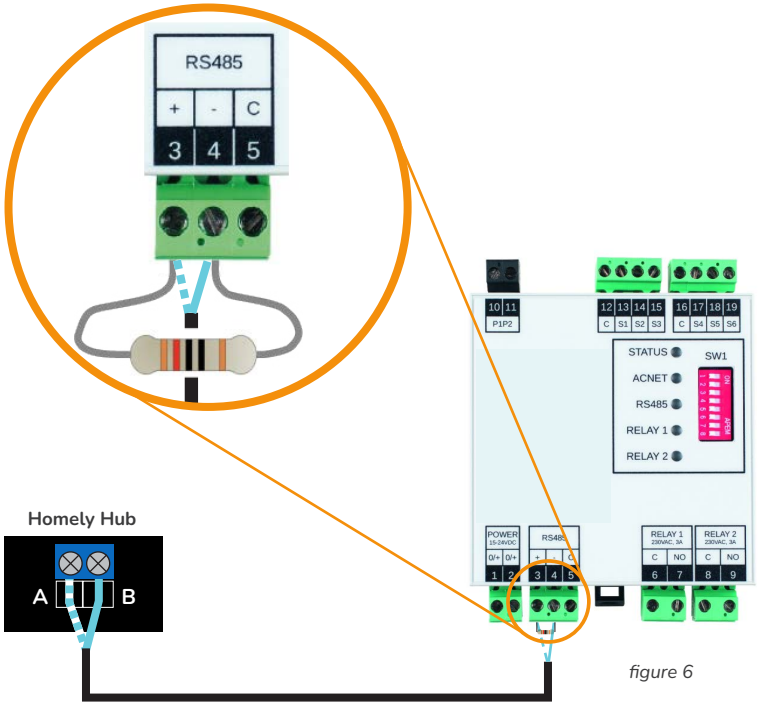


figure 6

Secondary pump consideration

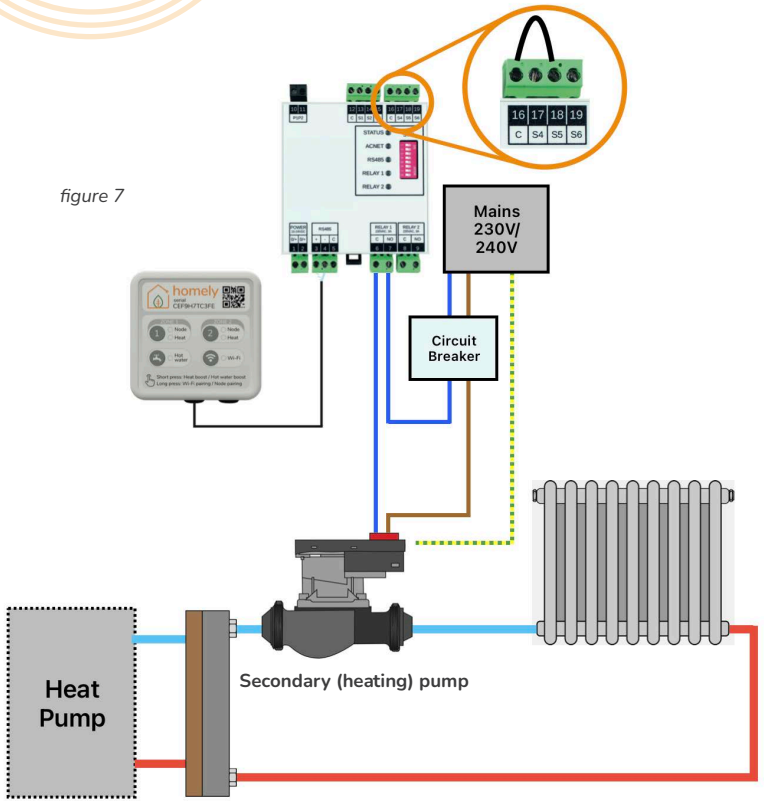
For systems with a secondary system pump, (the meaning of this can be found on page 9), use the Modbus adapter Relay 1 output (terminals 6 & 7) to drive the pump. The pump must comply with the following requirements:

- The pump must have built-in safety mechanisms so that it will not operate in the case of a fault condition (e.g. overheating).
- The pump must be installed with the necessary external safety devices (e.g. correctly rated fuses/breakers).
- The pump is installed according to the manufacturer's instructions.
- The pump must draw no more than 3 amps at maximum operating power.

Modbus adapter input S5 (terminal 18) must be short-circuited directly to input C (terminal 16) for correct operation.

An example of the connection into a secondary system is shown opposite (figure 7):

figure 7



Daikin

LG

Check the compatibility of the heat pump. On the cover of the outdoor unit there needs to be an option for SIEMENS protocol.

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely hub

The Homely's Modbus interface must be wired into the heat pump system.

1. In the outdoor heat pump unit, locate terminals A and B. Remove the plastic cover, if there is one.
2. Connect terminal A in the Homely Hub to terminal A in the outdoor unit.
3. Connect terminal B in the Homely Hub to terminal B in the outdoor unit.
4. Fit the supplied 120-ohm resistor between terminals A and B in the outdoor unit as shown on the next page (figure 1).
5. Refit the plastic cover, if removed.

Outdoor unit

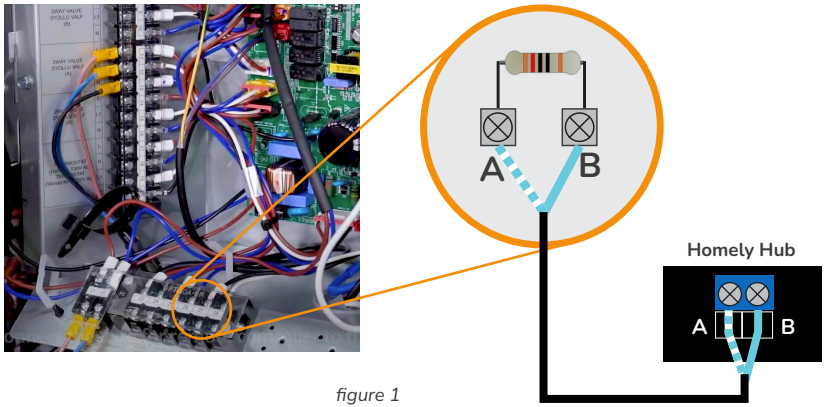


figure 1

DANGER
Terminal numbers vary by generation.

Check the installation manual to identify terminals A & B (3rd Party Controller).

Set DIP Switches

In the outdoor heat pump unit, locate the two DIP switches labelled SW1 (figure 2) and SW2 (figure 3). Switches for circuit board Generations 3 and 4 are shown opposite.

1. On **SW1**, turn switches 1 and 2 to the ON position (to the right) as shown in figure 16. The other switches control different functions; refer to the heat pump manufacturer's instructions for details. **The other switches may be left in their original positions.**
2. On **SW2**, turn switches 1 and 8 to the OFF position (to the left) as shown in figure 17. The other switches control different functions; refer to the heat pump manufacturer's instructions for details. **The other switches may be left in their original positions.**

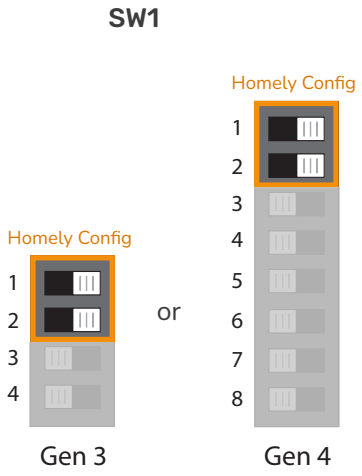


figure 2

figure 3

Controller configuration

1. Power the controller and use the left and right arrows to navigate to the “Setting” icon and press OK.
2. With the “Setting” icon displayed, make a note of the version number in the lower right corner: this forms the default installer password. In the example opposite, the default password is 3056 (figure 4).
3. Now press and hold the up arrow to enter “Installer mode”.
4. Enter the password when prompted to reveal the Installer menu.

figure 4

LG

5. Navigate to Configuration > Select Temperature Sensor and ensure that the Control Standard entry reads “Water” as shown below (figure 5).

figure 5

6. Navigate to **Configuration > Use External Pump** and ensure that the entry reads “**Heat & Cool” (figure 6)**.
7. Press “OK” to confirm selection.

figure 6

8. Navigate to **Room Heating > Heating temp. setting** and ensure that the entry reads “**Outlet**” as show below (figure 7).
9. Press the back arrow to return to the “Installer menu”.

figure 7

10. Finally, navigate to **Connectivity > Modbus Address** and modify the entry to “**01**” **(figure 8)**.

figure 8

11. Press OK and then use the back arrow to return to the top menu.
12. After returning to the main screen, ensure that the operation mode is set to “Heat” and **not** “Auto”.

Samsung

This installation will require a Samsung MIM-B19N board and MIM-B19N cables, see page 4 & 5, items 3, 4, 5, 6 for details.

Configure the Samsung controller

Change the following settings on the Samsung controller.

1. Navigate to the “Service Mode” by pressing the up and down arrows together. Enter the password, by default this is “0202”
2. Go to “Indoor zone option” and find “Standard temperature”. Set to “Water outlet”.
3. Go to “Water Law” and find “2091 External Thermostat Application #1”. Set to “Not Use” (figure 1).
4. (Two Zones Only) Set “2092” to “Not Use (0)”.
5. (Two Zones Only) Go to “Heat” and set “4061 Zone Control” to “Use (1)”.

6. Select “DHW” on the controller. Press the cog icon and navigate to “Schedule”. Ensure that no schedules are stored.
7. Select “Heating” on the controller. Press the cog icon and navigate to “Schedule”. Ensure that no schedules are stored.

figure 1

Wiring the Samsung control board

The following guidance allows the Samsung unit to run hot water without running space heating. This guidance is based on a single zone system with hydraulic separation.

The heat pump may be installed with a PWM pump or a fixed speed pump as the primary pump. To determine which type of pump has been installed, check the control board for the following:

- If the primary pump is connected to terminals B1 and B6, it is a PWM pump and no alterations are required. Go to 'Install the MIM-B19 board'.
- If the primary pump is connected to terminals B7 and B8, and there are no connections on B1 and B6, it is a fixed speed pump. Follow the instructions for "fixed speed pump additional wiring".

WARNING
The order in which you connect the wiring is not important, however ensure that the system is fully turned off before altering any wiring.

Fixed speed pump additional wiring

1. Use a 2-core cable to connect the relay to B6 and B7 on the Samsung control board (figure 2).
2. Add a wire between B20 and B22 to enable the heating call.

Samsung controller board

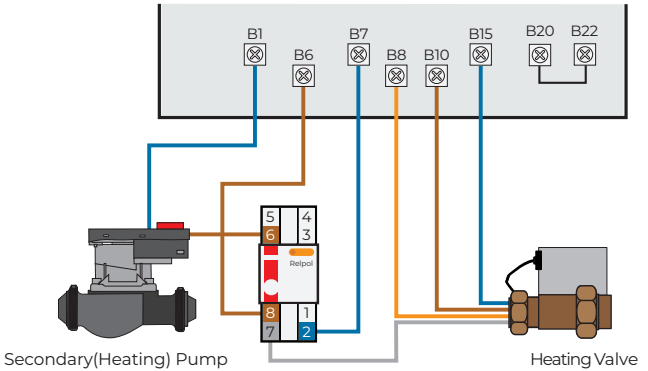


figure 2

Two zone wiring

1. Please follow manufacturers guidance for wiring two zone systems.
2. A wire link between B20 and B24 may be required to enable the second zone heating call.

Once additional wiring is complete, energise the heat pump (not Homely) and ensure the system now runs correctly when operated by the heat pump controller.

Install the MIM-B19N

1. Install the MIM-B19N into the Samsung outdoor unit. Follow the manufacturer's instructions included with the MIM-B19N (figure 3).
2. Ensure that the MIM-B19N white Modbus dial is set to 1.
3. The MIM-B19N may already have a mounting case installed in the outdoor unit, depending on the version of heat pump used.

figure 3

WARNING
Ensure that the installation work is performed in accordance with all installation instructions. Incorrect installation of equipment may result in electric shock or fire.

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely Hub

The Homely's Modbus interface must be wired into the heat pump system.

1. Connect terminal A in the Homely Hub to the A terminal on the MIM-B19N.
2. Connect terminal B in the Homely Hub to the B terminal on the MIM-B19N.
3. The supplied 120-ohm resistor must be placed between the A and B terminals of the MIM-B19N as shown below (figure 4).

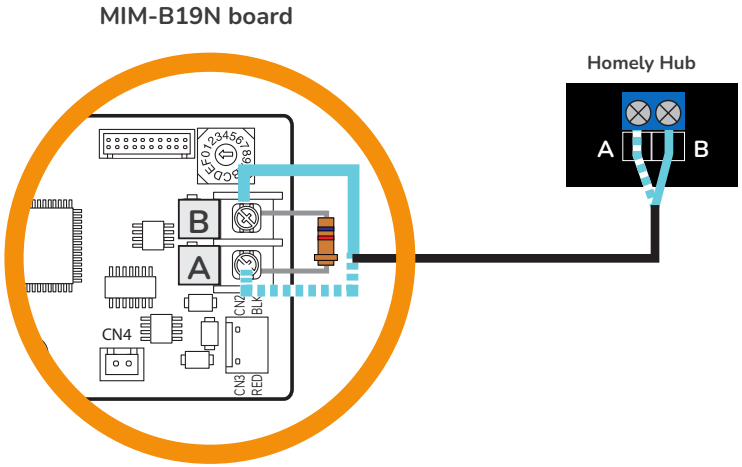


figure 4

Samsung

Trianco

DANGER
Ensure the heat pump system is powered down when installing Homely

Connect the Homely hub

The Homely's Modbus interface must be wired into the outdoor heat pump unit.

1. Connect terminal A in the Homely Hub to terminal 13 in the outdoor unit.
2. Connect terminal B in the Homely Hub to terminal 14 in the outdoor unit.
3. The supplied 120-ohm resistor must be placed between the outdoor unit's control PCB terminals as shown on the next page (figure 1).

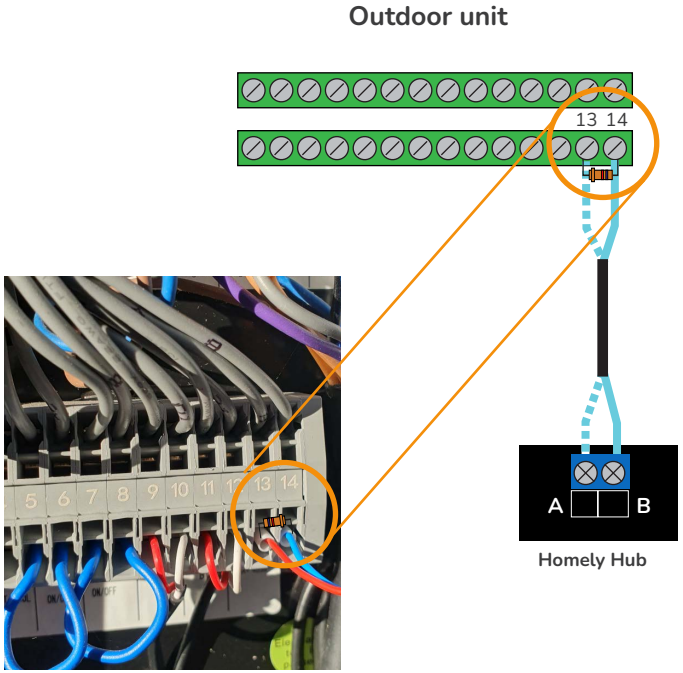


figure 1

Trianco

Other

If the brand of heat pump you are looking for is not listed, check our online manual. Any new heat pump integrations or updates will be added there.

www.homelyenergy.com/manual

Homely Manuals

For a full compatibility list and model numbers of heat pumps, please go to:

www.homelyenergy.com/manual/compatibility

Homely Compatibility

STEP 4: Connect the power supply

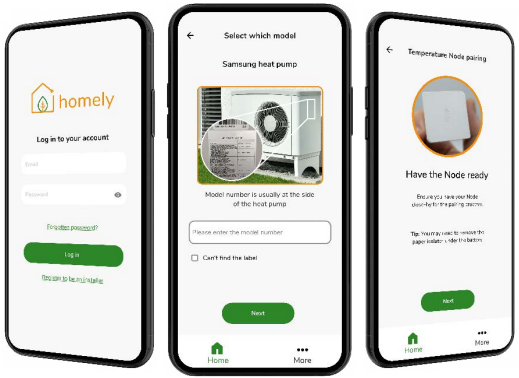
1. Connect the power supply to the Hub as shown and then plug into a power outlet.

2. Ensure the power to the heat pump system is now switched back ON.

STEP 5: System configuration

1. Download the ‘Homely Installer’ app from the Apple or Google Play Store, or by using the QR code below.
2. If you haven’t already registered, please follow the ‘Register to be an installer’ link on the installer app.
3. Follow the in-app instructions to connect the Hub to a Wi-Fi network, then connect the Node to the Hub and complete the Homely configuration.

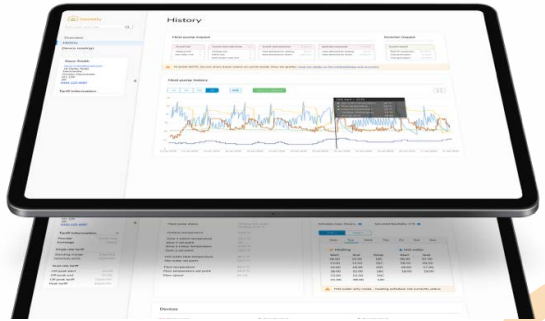
Homely Installer App



STEP 6: Monitor heat pump performance

1. Login to Homely Connect (homelyenergy.com/homely-connect), on a laptop or desktop computer using the same login details as the installer app.
2. Find the heat pump installation in the list or on the map.
3. View alerts and general information on the ‘Overview page’.
4. Check the performance of the heat pump on the ‘History page’.
5. Change heat pump parameters remotely using the ‘Advanced data’ page (only available on selected heat pumps, check our website for details).

Homely Connect



Installer notes

Use this space to record any observations about the installed system.

Installer notes

Homely Specifications

Homely Hub

Dimensions:
86 x 86 x 25mm

Communication protocols:
Proprietary 868MHz
Bluetooth v4.2
Wi-Fi 802.11 b/g/n

Power:
5V ⎓ 1.0A

Recommended operating conditions:
10 to 35 °C

Homely Node

Dimensions:
43 x 43 x 14mm

Communication protocols:
Proprietary 868MHz

Power:
Internal: CR2450 battery

Temperature Sensor Accuracy:
Internal: 0.4 °C (max), 10 to 85 °C

Humidity Measurement:
Accuracy: 2% Relative Humidity (RH)

Range: 0% to 100% RH

Recommended operating conditions:
10 to 35 °C

Homely Specifications

UK Declaration of Conformity

This UK Declaration of Conformity is issued under the sole responsibility of Homely Energy Ltd. Registered address: Homely Energy Ltd, The Edge Business Centre, The Edge, Clowes Street, Manchester M3 5NA. Contact details:

Email: team@homelyenergy.com
Web: www.homelyenergy.com
Phone: 0161 818 9005

Homely Energy Ltd declares that the Homely system consisting of Homely Hub v3 and Homely Node v2 is in compliance with the essential requirements of the following:

Radio Equipment Regulations 2017
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

Signed for and on behalf of Homely Energy Ltd:

Name:	Steve Elliott
Function:	Technical Director
Place of issue:	United Kingdom
Date of issue:	07/03/2023

Standards applied

Standard	Description
ETSI EN 301 489-1 V2.1.1	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
ETSI EN 301 489-3 V2.1.1	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
ETSI EN 301 489-17 V3.1.1	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems
EN 55032:2012	Electromagnetic compatibility of multimedia equipment – Emission requirements
EN 55035:2017	Electromagnetic compatibility of multimedia equipment – Immunity requirements
EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements
EN 62368-1:2020	Audio/video, information and communication technology equipment – Part 1: Safety requirements

EU Declaration of Conformity

This EU Declaration of Conformity is issued under the sole responsibility of Homely Energy Ltd. Registered address: Homely Energy Ltd, The Edge Business Centre, The Edge, Clowes Street, Manchester M3 5NA, UK. Contact details:

Email: team@homelyenergy.com
Web: www.homelyenergy.com
Phone: +44 (0)161 818 9005

Homely Energy Ltd declares that the Homely system consisting of Homely Hub v3 and Homely Node v2 is in compliance with the essential requirements of the following:

Directive 2014/53/EU (Radio Equipment)
Directive 2011/65/EU (RoHS)Electronic Equipment Regulations 2012.

Signed for and on behalf of Homely Energy Ltd:

Name: Steve Elliott
Function: Technical Director
Place of issue: United Kingdom
Date of issue: 07/03/2023

Harmonised standards applied

Standard	Description
ETSI EN 301 489-1 V2.1.1	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
ETSI EN 301 489-3 V2.1.1	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
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EN 62368-1:2020	Audio/video, information and communication technology equipment – Part 1: Safety requirements

Homely Manual v3.00.11