

Operating Instructions

Model W3WT05



Compatible with
Amazon Alexa



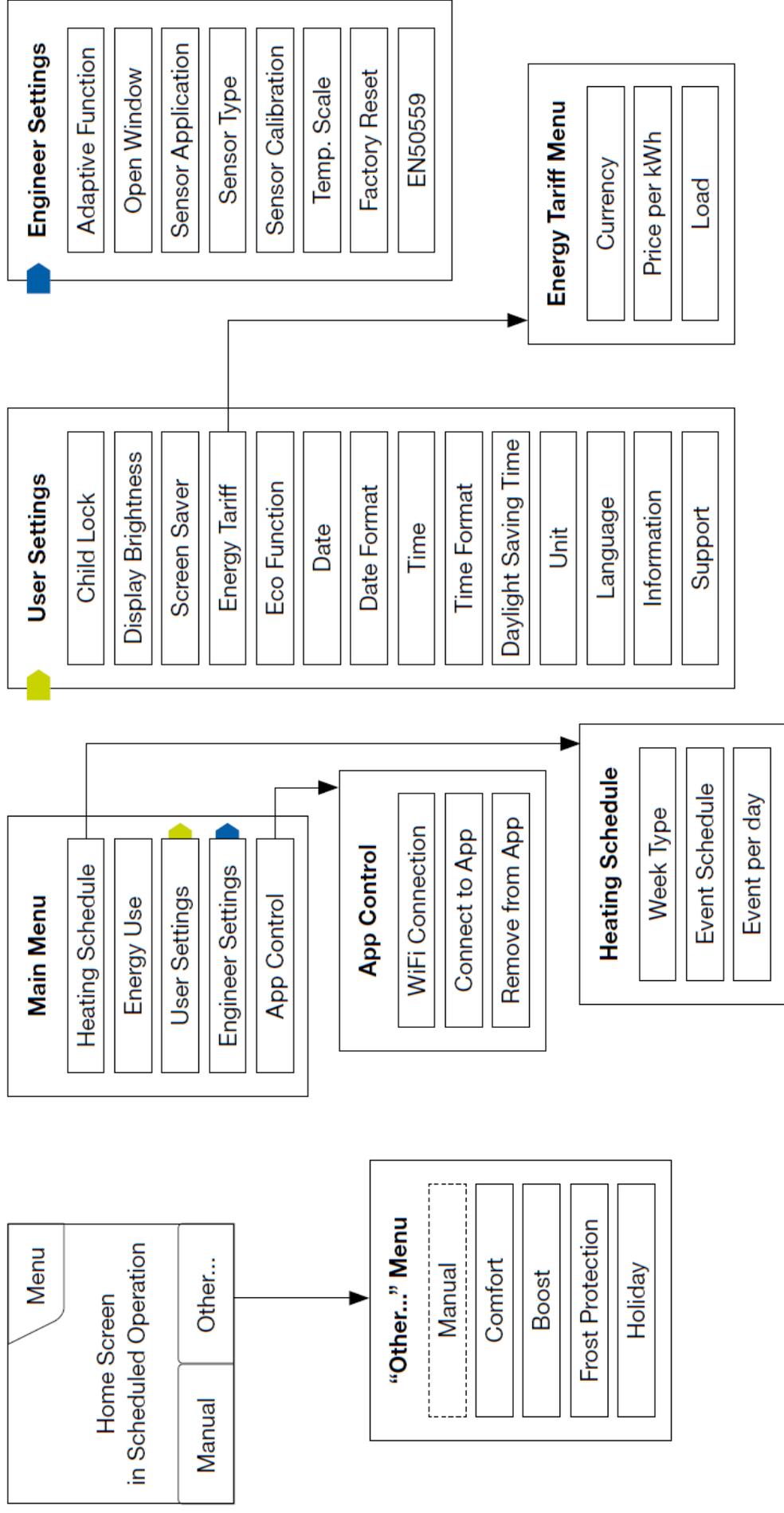
Works with
Google Home

warmup[®]
Est. 1994

Underfloor heating | Tiled shower solutions

Menu Overview

Menu Structure



Startup Wizard

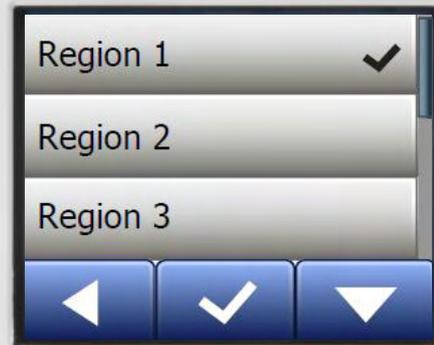
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Step : 1

Turn on the thermostat (you will find the switch on the left)

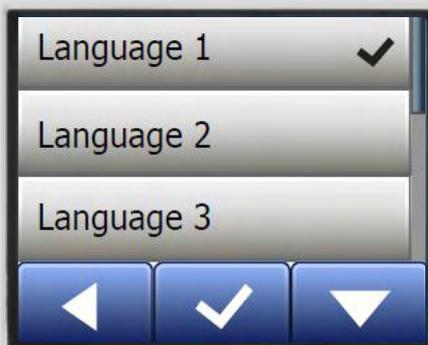
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Step : 2

Select your region and confirm with "✓" It should default to 'New Zealand'

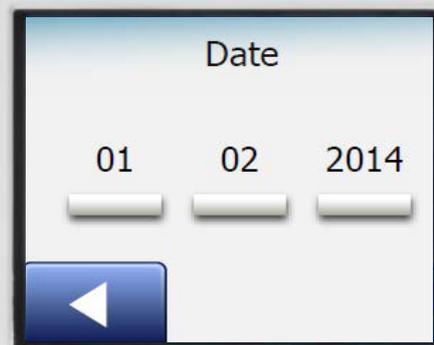
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Step : 3

Select your language and confirm with "✓"

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Step : 4

Use the easy navigation to set the date using the buttons to toggle selections. Confirm each setting with "✓"



Step : 5

Use the easy navigation to set the time using the buttons to toggle selections. Confirm each setting with "↵"



Step : 6

Select the type of floor covering –
 Tile: floors made of tile or stone
 Soft Floor: carpeted, wooden or other engineered floors

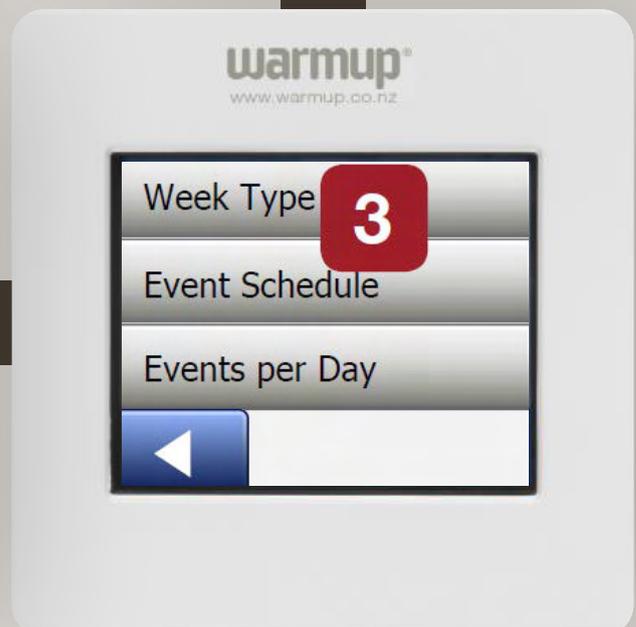
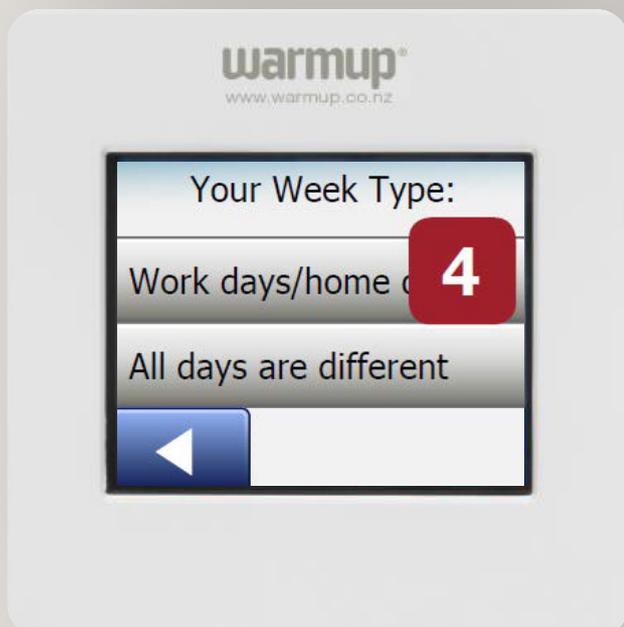
Pre-programmed schedule

The thermostat comes with pre-programmed schedule for easy and economic heating control of most homes. Below are the factory settings or the preset schedule

Wake Up	Leave Home	Daytime Home	Daytime Leave	Come Home	Go to Sleep
6:00	8:00	12:00	13:00	17:00	23:00
25°C	20°C	25°C	20°C	25°C	20°C

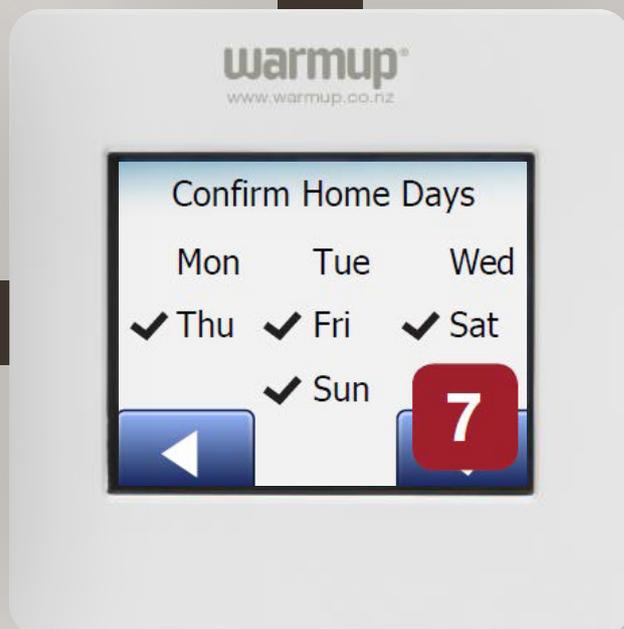
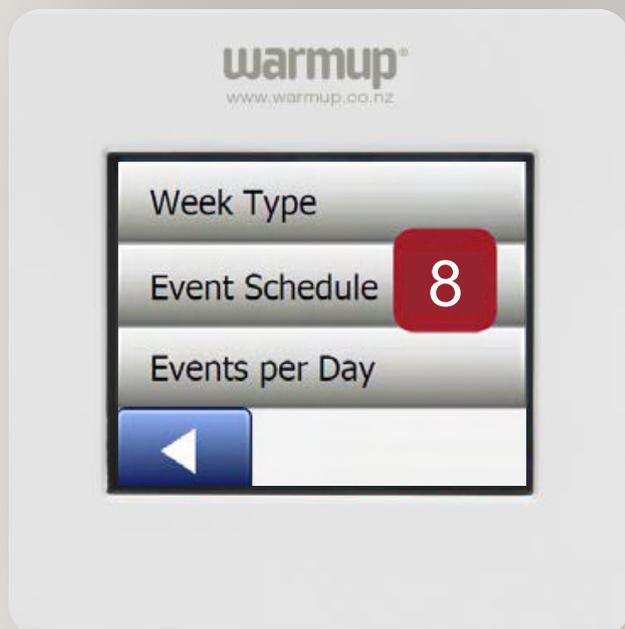
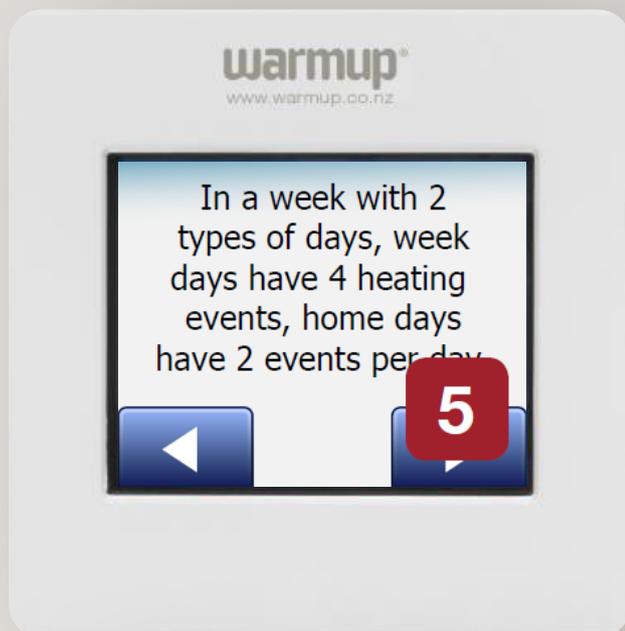
This schedule can be changed in the Heating Schedule menu.

Personalise your settings - Week Type



- 1) Select the Menu button on the top right to reveal the list of options
- 2) Start with selecting "Heating Schedul
- 3) Then select "Week typ
- 4) Select "Work days/Home days. Select " All days are different if yo heating times are different for all days of the week

Personalise your settings - Week Type (cntd)



* In step 4 if you selected 'All days are different' – skip steps 5, 6 and 7 and go to Step 8 and select 'Event Schedule'

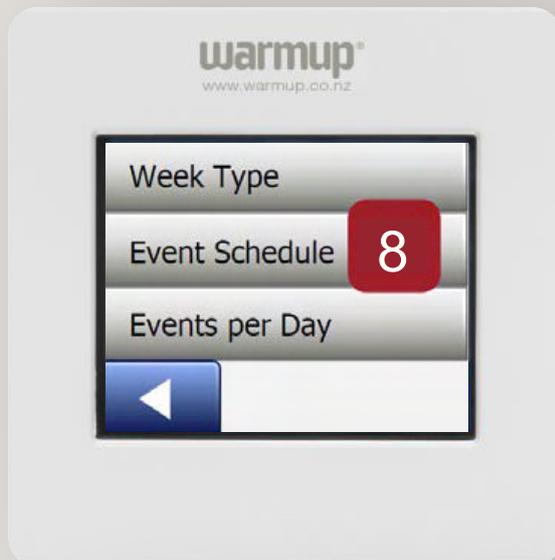
5. Select the right arrow

6. Mark your "Work days" and confirm

7. Then confirm "Home days".

8. You will now see the Heating Schedule menu

Personalise your settings - Event Schedule

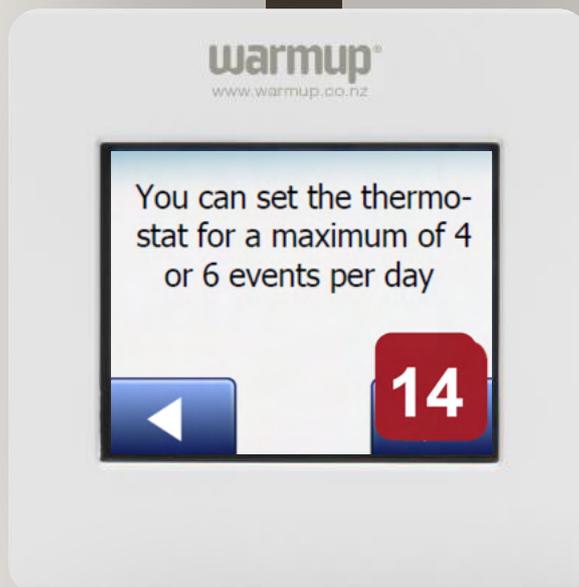
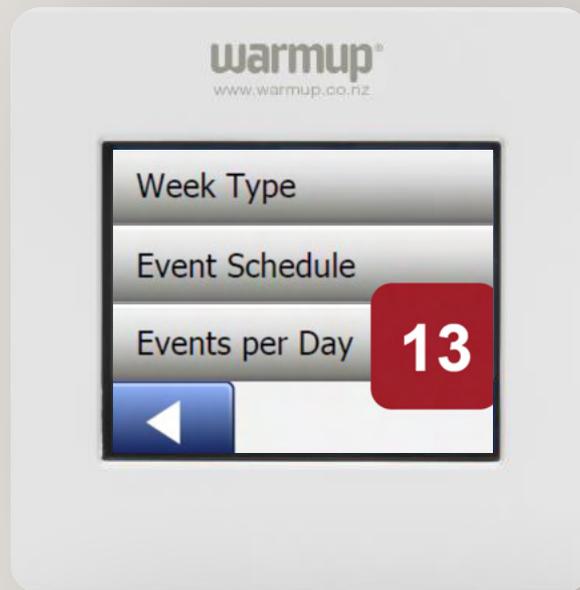


If you have selected 'All days are different' you will have to enter the schedule separately for each day of the week.

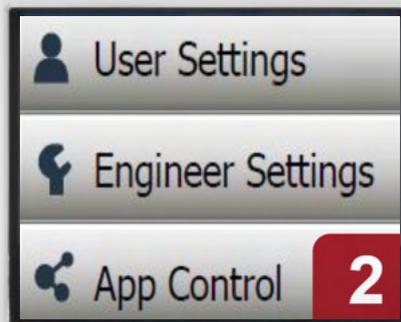
Should there be a break in your routine or you find that there are days when it may be a little colder or warmer than usual, you can adjust these settings manually. When done, close the screen and your display will update accordingly.

Remember that the temperature on the display is your current room temperature. It will take some time for your thermostat to heat up to the new temperature.

Personalise your settings - Events per day



Personalise your settings - WiFi (for Model W3WT05 only)



- 1) Menu
- 2) App Control
- 3) Wifi Connection
- 4) Status screen - tap right arrow button to proceed

Automatic setup

- 5) Tap WPS for automatic setup or tap Manual for manual setup
- 6) Activate WPS on the Wifi router
- 7) Tap the right arrow button on the thermostat to start connecting the thermostat.

Manual setup

- 5) Tap Manual for manual setup
- 6) Select the desired network
If you cannot see the network name, tap "Other" and enter the network name and confirm.
- 7) Enter the network password and confirm
- 8) Confirm the network key to start connecting the thermostat.

Connecting the thermostat

- 1) If the connection is successful, a confirmation screen will be displayed briefly
- 2) The Status screen will be displayed showing the status of the wifi connection
- 3) Tap the left arrow button to return to the menu
- 4) If the connection fails - you will get an error message. Tap the X button to return to Step 4 and try again.

Connect to the App

- 1) Connect to the OJ Microline "MWD5" app
- 2) Tap the menu button on the home screen
- 3) Tap "App Control" to access the app setup options
- 4) Tap the "Connect to App" button
- 5) Tap "QR code" to display a QR code that you can scan with your mobile phone
- 6) Tap "Thermostat ID" to display the thermostat ID that you can enter in your app.
- 7) Confirm with a tick.

To disconnect a WiFi connection

Menu - App Control - WiFi connection - tap right arrow - Connection type screen - tap Disconnect to remove the Wifi connection. Confirm with a tick.

Google Assistant

When you have successfully set up a Wif-Fi connection and connected your thermostat to the app, you can connect your thermostat to a Google Home system. This allow you to voice control your thermostats together or individually.

- How to connect

Before setting up voice control for the thermostat, you need a Google account that has been connected to the Google Home app.

- 1) Open the Google Home app on your smartphone or tablet.
- 2) At the top left, tap "Add" (+) - "Set up device" - "Works with Google".
- 3) Select the manufacturer of the device from the list - search "Microline" and select "OJ Microline".
- 4) Follow the in-app steps to complete setup:
 - Sign into the MWD5 app with your login information.
 - Read and accept the grants page.
 - Your thermostat should now appear as available to be linked to Google Home.
 - Choose the thermostat and click "Next" in the bottom right corner.
 - Select a location for your thermostat and click "Next".

Your thermostat is now set up and you can try different voice commands using the thermostat name that you chose in the Google Home app.

Voice command examples:

"Ok Google, set the temperature to 70 degrees"

- How to disconnect your thermostat from the Google Home system

- 1) Open the Google Home app on your smartphone or tablet.
- 2) Select the Group in which you would like to disconnect the thermostat
- 3) Choose the thermostat to disconnect
- 4) Press the settings symbol, upper right corner
- 5) Press "Unlink OJ Microline" and confirm by pressing "Unlink"

Your thermostat is now disconnected from your Google Home System.

Amazon Alexa

- How to connect

When you have successfully set up a WiFi connection and connected your thermostat to the app, you can connect your thermostat to Amazon Alexa home system.

- 1) Open the Amazon Alexa app on your smartphone or tablet.
- 2) Click "Devices" from the menu tab at the bottom of the screen.
- 3) Select "+" in the upper right corner.
- 4) Click "Add device".
- 5) Find and select "Thermostat" under "All devices".
- 6) Choose "Other".
- 7) Click on "Skill store", which is marked with a blue color.
- 8) In the upper right corner, press "Search". Type "Microline" and choose the skill called 'MWD5 Microline'.
- 9) Press "Enable to use".
- 10) Use your login information for the MWD5 app and press "Link now". Your thermostat will be linked with this skill and your Amazon Alexa device.
- 11) Click on "Close".

Your thermostat is now connected to the Amazon Alexa system!

Voice command examples:

"Alexa, what's the temperature in the bathroom"

- How to disconnect your thermostat from the Amazon Alexa home system

- 1) Open the Amazon Alexa app on your smartphone or tablet.
- 2) Press 'devices'
- 3) Select the Group in which you would like to disconnect the thermostat
- 4) Choose the thermostat to disconnect
- 5) Press the settings symbol, upper right corner
- 6) Press the delete symbol (upper right corner) and confirm that you would like to disconnect

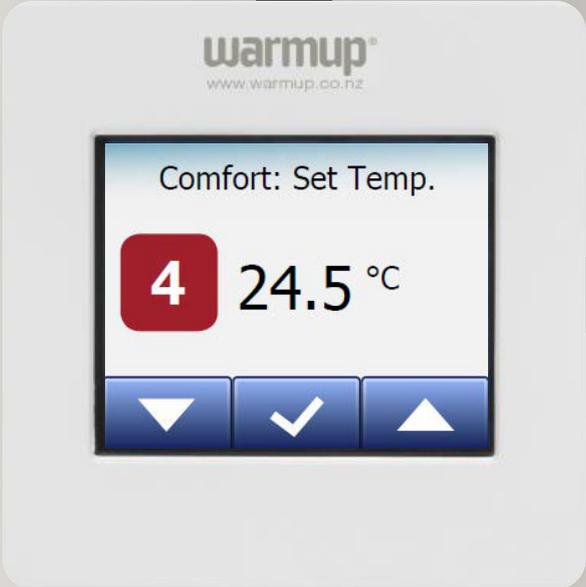
Your thermostat is now disconnected from your Amazon Alexa device.

When your thermostat(s) is connected to your Amazon Alexa home system, they can now be voice controller, either together or individually.

Comfort Mode

When there is a drop in temperature and you need to increase the heating temperature, Select the 'Other' button on the bottom right – go to 'Comfort'. Select the temperature and duration.

This will temporarily override your programme settings for the period of time selected. Once that time is up, the thermostat will default to your original setting.



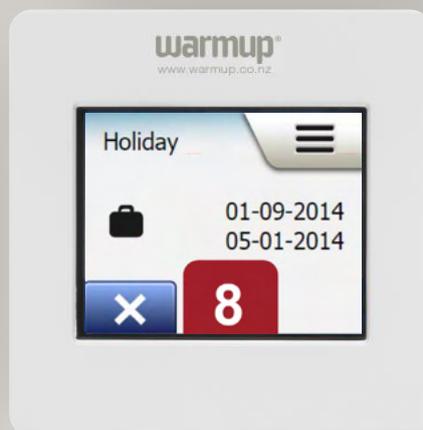
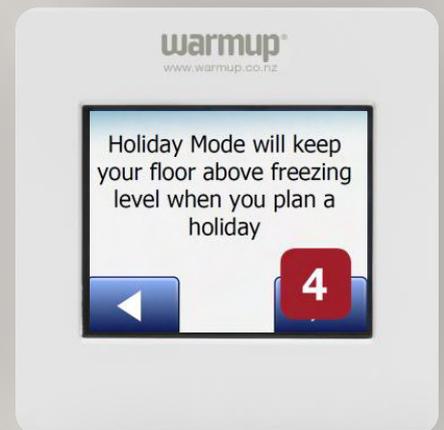
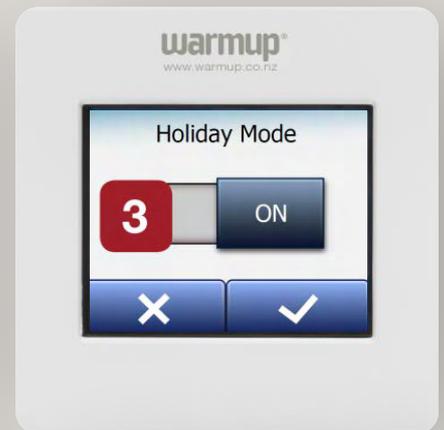
Boost Mode

In boost mode the heating is activated for one hour. After one hour the thermostat returns to Scheduled Operation.



Holiday Mode

Holiday mode allows you to set your heating to a minimum while you are away on holiday, thus saving energy and money.



During an active holiday period a suitcase is displayed on the screen together with the programmed leaving and return dates. You can cancel an active holiday period and return the thermostat to Scheduled Operation by tapping the 'X' button.

Energy Tariff

The "Energy Tariff" button allows you to update the generic tariff with what you are paying your specific power supplier for a more accurate report



Auto Load Readout – will automatically detect the wattage installed. If you desire to load it manually, click autoloading off and then manually select your load

Select your required load – set the Kw load of your underfloor heating system manually. You should ask your heating engineer for this information.

Warning on the Max Load [04:57] 10 Kw

When done, return to the main menu by clicking on the screen.

Eco function

The "Eco function" button reduces the energy spent on unnecessary heating if you leave the room/house while the heating is on. We recommend that Eco function is left on.



With Eco function enabled, the Scheduled Operation home screen is altered. The lower left button "Manual" is changed to "Eco", Tap the "Eco" button to activate the Eco function.

Energy Use

The “Energy Use” button allows you to read out energy usage data for your underfloor heating system.



You can scroll down using the down arrow  for energy usage for the following periods.

- Last 7 days
- Last month
- Last year
- An overview of electricity consumption (KWh) and heating costs for the time periods specified above.

Troubleshooting

Error messages

If a fault or error occurs, the thermostat will display one of the following error messages:

- E0** Internal failure
The thermostat is defective and must be replaced
- E1** Internal sensor defective or short short-circuited. The thermostat must be replacedreplaced.
- E2** External wired floor sensor disconnected, defective or short short-circuited. Contact your distributor for reconnection or replacement.
- E5** Internal overheating – arrange for the installation to be inspected.

3 circles containing dots

The thermostat cannot be operated – the thermostat is in “Child Lock” mode . Unlock it by following the steps below:

Draw an “L” on the screen in a single stroke joining the 3 dots without lifting your finger from the screen. Start by touching the dot in the upper left corner . You should now see the home screen.

The child lock will be reactivated when the thermostat returns to screen saver mode – unless it is deactivated in the menu.