

UTR 309 Room Thermostat A/F/AF Combi

Installer Note:

This thermostat is a combination model allowing you to choose between 3 different modes. A, AF and F mode.

A mode: air only, with built in sensor

AF mode: air & floor, with both built in and remote sensor

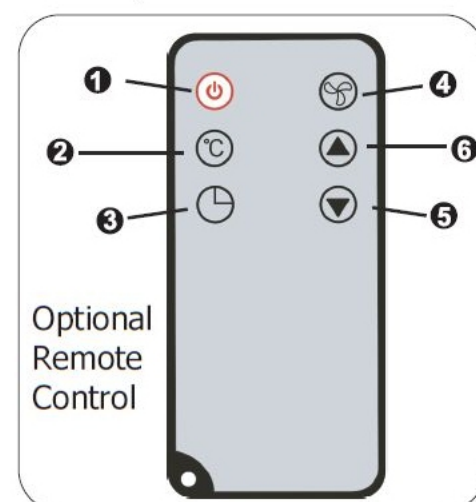
F mode: floor only, with remote sensor

Getting Familiar With Your Thermostat



Buttons and descriptions

- 1 Program button to set comfort levels (⏻)
- 2 Change comfort levels, set you high and low temperature and vacation mode (⌚)
- 3 Set the time (⌚)
- 4 Select between programmed mode or manual mode (⌚)
- 5 Decrease the set value (⏴)
- 6 Increase the set value (⏵)
- 7 Indication of the comfort level cycle in automatic mode (1 2 3 4)
- 8 RT indicates room temperature and FT indicates floor temperature
"MANU" indicates manual mode, "AUTO" indicates automatic mode, in automatic mode the thermostat will follow the scheduled programme, while in MANU mode, the thermostat maintains a constant set temperature.
- 9 Temperature set point
☀ Comfort ☾ Economy 📅 Holiday
- 10 Reset



Please Note: One of the following error messages will appear if one of these problems occur:-

LO - This error means that the room or floor temperature is below 0°C

HI - This error means that the room or floor temperature is greater than 50°C

Setting your thermostat - Follow the easy steps below.

Setting the time and day

- Press (⌚) once and the time will start to flash
- Press the Up (⏴) or Down (⏵) arrow to adjust the time (hours - minutes). Press and hold arrow key in order for the time to change in 15min increments.
- Press (⌚) once when the time is set to accept the changes. Changes will automatically save after 5 seconds of inactivity.
- Press the Down (⏵) Arrow to set the correct day of the week.

Setting the default temperatures

The ☀ symbol means the highest temperature you want to achieve, this is the temperature that will be required when the room is in use.

The ☾ symbol means the lowest temperature, the temperature you want to go no lower than when the room is not in use.

The 📅 symbol means holiday mode (this is set to stop your floor from going below the set temperature).

To set the temperatures

- Press (⌚) once to select ☀, the temperature setpoint will now flash, press the up (⏴) or down (⏵) arrow to adjust to the desired temperature while the room is in use (usually between 20 - 23°C).
- Press (⌚) again to select ☾, the temperature setpoint will now flash, press the up (⏴) or down (⏵) arrow to adjust to the desired temperature while the room is not in use (usually between 15 - 18°C).
- Press (⌚) again to select 📅, the temperature setpoint will now flash, press the up (⏴) or down (⏵) arrow to adjust to the desired temperature while you are on holiday (usually between 5 - 10°C).
- If there is no activity within 5 seconds the thermostat will save the settings and revert back to standard mode. If this happens before completing the temperature setup start from the beginning again.



This product should be installed by a qualified electrician.

See overleaf for further setting up information

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Soldron

Program the comfort levels

Default Factory settings

- Setting 1  06:00 heating will turn to comfort mode (Default 21°C)
Setting 2  08:30 heating will turn to economy mode (Default 16°C)
Setting 3  16:00 heating will turn to comfort mode (Default 21°C)
Setting 4  21:00 heating will turn to economy mode (Default 16°C)

The above settings are factory set programs that work in "AUTO" mode, the thermostat will automatically change between comfort and economy at the set times. The set times can be changed by using the following instructions.

Press the  to select the program number (e.g. )

Press the down arrow  to select the day (Press and hold the down arrow  for five seconds to choose all days)

Press the  Button to select the start time

Use the up  or down  Button to set the desired time.

Press the  button to confirm and exit.

- Repeat the above steps for all the program settings

Setting floor temperature limit (in AF mode only)

- Press and hold the  button for 5 seconds
- Press the up  or down  arrow to adjust the set temperature (default is 28°C)
- Press  again to accept and exit

Setting the default temperatures

This thermostat can be calibrated by following the instructions below.

- Press and hold the  button for 5 seconds, the temperature display will start flashing.
- Press the up  or down  arrow to adjust the temperature
- Press the  button to accept the changes and exit.

Mode selection

This thermostat can be used as an air only, floor only or air and floor sensor



Air only Selection
(A Mode)
Dip switch set in 1,2

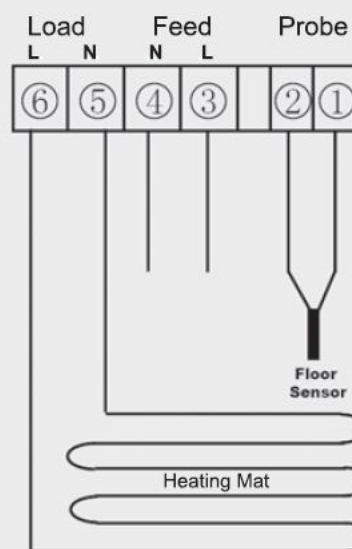


Air & Floor Selection
(AF Mode)
Dip switch set in 1,2



Floor only Selection
(F Mode)
Dip switch set in 1,2

Wiring Diagram (220V AC $\pm$ 15%)



Setting Temperature Display

This thermostat can be set to display either Celcius or Fahrenheit by using settings below.



Jumper cap on 2-3=°C



Jumper cap on 1-2=°F

This thermostat is rated at 16A max, 3500 watts of heating elements can be powered with this thermostat. For higher load capability, please contact supplier.



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