

THERMOMATIC EC HOME® WL

Quick start guide for installation and initial start-up

Abbreviations found in the text

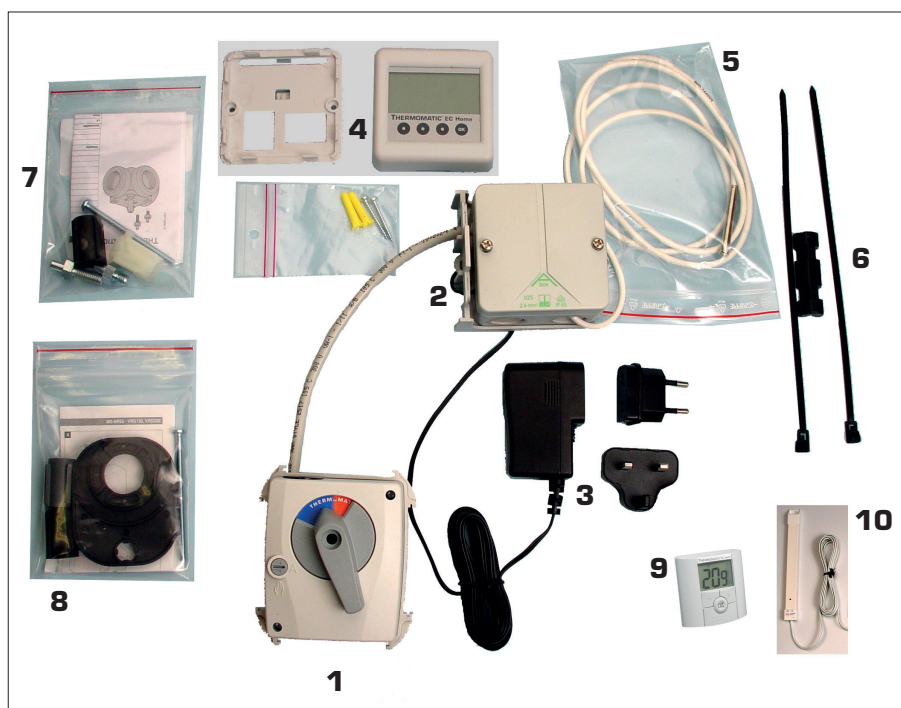
CC = Connection centre

CP = Control Panel



Scope of delivery

1. Mixing valve motor, 24 V DC, 0-10 V, 90°, 10 Nm (connected to CC when delivered)
2. Connection centre (CC), with bracket for fitting motor. The click lock is delivered loose inside the box.
3. Power supply 24 V DC (connected to the CC on delivery). With EU/UK-adapters, 5 m. cable.
4. Room sensor/control panel (CP). Delivered with the wall bracket fitted on the CC. Screw + plug for wall fitting are included.
5. Flow sensor (connected to CC on delivery).
6. Installation kit for supply sensors.
7. Installation kit MS-NRETV, for motors on Termoventiler mixing valves or similar.
8. Installation kit MR-NRETV1 for motors on mixing valve type Esbe VRG/VRB
9. Wireless room sensor
10. Aerial for wireless room sensor. Delivered connected to CC.



Scan the QR code on the left to see the instruction video for first start-up on Youtube.

[You can also click here to open the video in a new window \(computer\).](#)

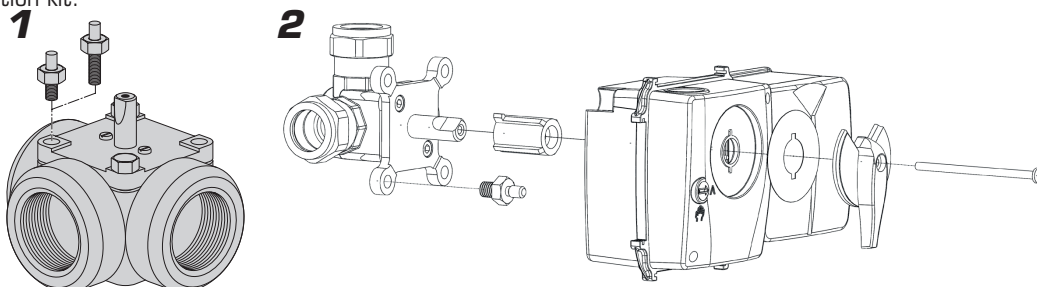
Scan the QR code on the right to view the complete manual for Thermonic EC Home as a PDF.

[You can also click here to open the manual as a PDF \(computer\).](#)



1 Installation of motor on mixing valve

Fit the motor to the mixing valve according to the instructions on the respective installation kit (example shown in photos 1 and 2). Which installation kit is to be used depends on the mixing valve, see the table and instructions in the respective installation kit.



NB! See the respective installation kit!

Fit the plate (blue/red) for the mixing valve's position indicator on the motor and fix the handle as shown in figure 3. **NB! The motor is always delivered in the centre position and the handle only fits in the position that the motor is in.** Insert and tighten the screw in the centre of the motor.



Turn the motor to manual position (photo 3). **NB! The handle must only be turned. If the handle is depressed it may stick in the manual position.**

Check that the mixing valve's working area agrees with the position of the handle.

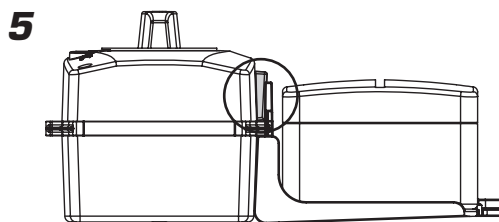
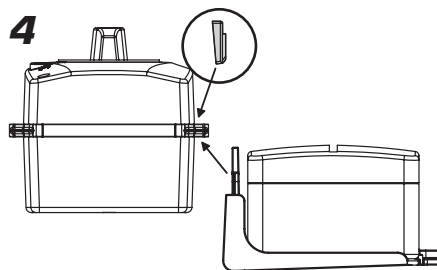
2 Installation of the CC

Install the CC with the bracket as shown in photo 4. **The bracket can be located on either side of the motor and is pressed into place from behind.**

The click lock is pressed into the slot until it says "Click" (photo 5). You can use e.g. a small screwdriver to remove the click lock.

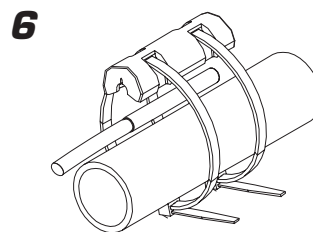
The click lock is in the cardboard box.

The CC can also be fitted separately, e.g. on a wall.

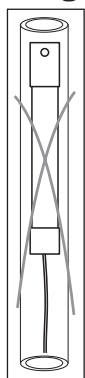


3 Fitting the flow sensor

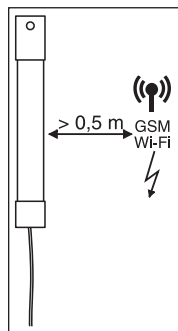
Attach the sensor with the enclosed installation kit on the supply pipe (photo 6) as close to the mixing valve as possible. Ensure that there is good contact. Insulate.



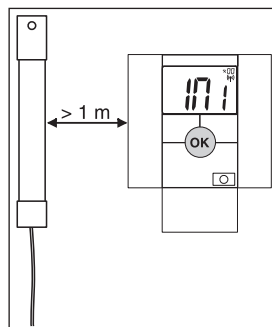
4 Locating the aerial:



Aerials should not be placed on metallic objects or on metal pipes.



Aerials should not be located too close to other wireless units or power cables.



Aerials should not be located too close to the room unit during initiation.

5 Using the CP

Press any of the buttons to start the display. The second press on any button opens the first available menu.

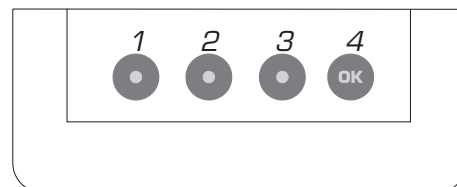
The buttons' function is then displayed above the respective buttons.

Button 1 = Move down/right or decrease value

Button 2 = Move up/left or increase value

Button 3 = Return/escape

Button 4 = OK/activate menu



1 Change

None of the values can be changed "by mistake". In all of the modes where it is possible to change a value, you will be prompted whether you are sure you want to make the change before the value is actually changed.

Change wanted?

No OK

6 Basic settings on first start-up

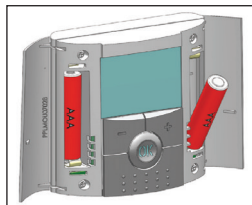
The following settings are made on first start-up (see photo below):

When using two systems, a common menu will be shown as the first screen. See the complete manual pages 45-46.

8 Language Svenska English Deutsch Suomi Esc OK	7.3 Control functions >R=Room sensor ROr=Room/Out R-prio ROo=Room/Out O-prio O=Outdoor sensor S=Supply pipe Esc OK	7.1 Rotation Motor opens Clockwise > Anti clockwise Esc OK
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6.1 Step 4 - Initialisation of the wireless room sensor

NB! Menu 7.10
Wireless menu
appears only if the
aerial is connected.



Insert the batteries
in the wireless room
sensor.

7.10 RF Menu Initialize Room Unit No OK	7.10 Initialize Room Unit Initializing No
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Close the cover and hold the
button depressed in order to start
the initiation.

8. INI will light for some
seconds – ready!

6.2 Changing the set point

The temperature is changed simply by pressing the "+" or "-". Settings are saved with "OK".

7 Other basic settings

The maximum limit is set from 0-90°C. Factory setting is 60°C.
The setting is made in menu 7.4.

The minimum limit is set from 0-60°C. Factory setting is 10°C.
The setting is made in menu 7.4.

7.4.1 Max/min//Rem Contr	
Max	60°C
Min	10°C
Room temp	
Remote switch	20°C
	Esc OK

For more advanced settings, such as setting the clock, night reduction etc. - see the complete manual.