

THERMOMATIC EC HOME®

Outdoor sensor

Sensor for outdoor temperature

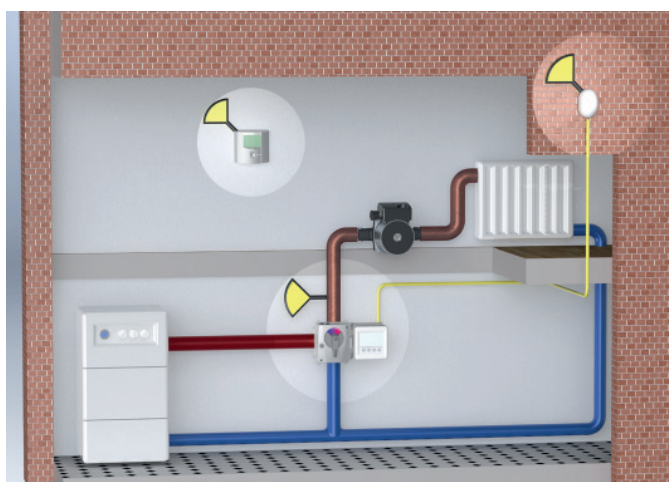
Is used for control of switching equipment by the outdoor temperature, in addition to the indoor sensor, either separately or combined with the existing room sensor.

Art no. 12 70 01



The following parts are included in the delivery:

1. Outdoor sensor for Thermomatic EC Home
2. 2 conductor cable, 25 m.
3. Assembly screws and plugs

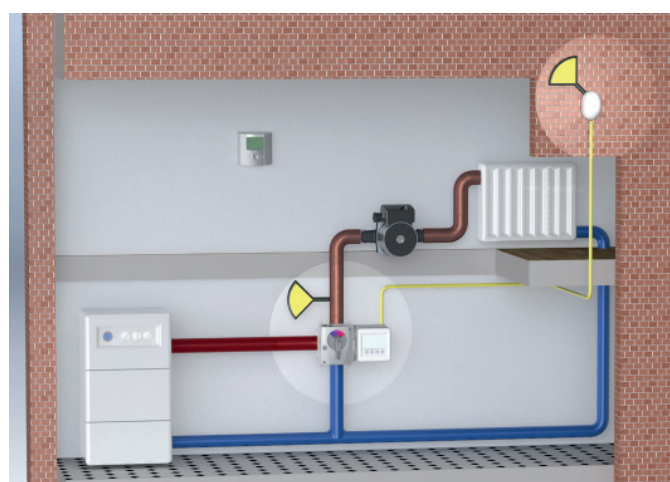


With *room and outdoor sensors

ROr – In this mode you use the room sensor normally, but supplement it with the outdoor sensor in order to be able to adjust the max. and min. limits according to the outdoor temperature. This is ideal for regulation in **single family houses** or premises with uniform heating needs. Higher heating comfort is achieved with outdoor sensor-controlled maximum and minimum limits.

ROo – In this mode you use the outdoor sensor, which control the heating according to the set regulation curve, but the room sensor acts as a max. limiter, and prevents unnecessary overtemperature. Ideal for regulation in **multi-occupancy buildings**.

**Illustrations showing wireless room sensor*



With Outdoor sensor

For control in multi-occupancy buildings. The outdoor sensor controls the heating according to the set control curve.

The wireless room sensor can be used to read temperatures and activate different control modes (clock, day, night, off or timer).

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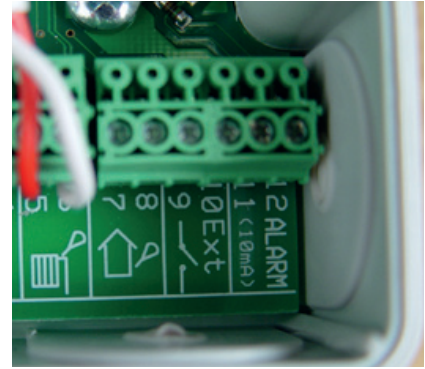
Settings and installation

Settings

Settings for the outdoor regulation are described in the Thermomatic EC Home user guide.

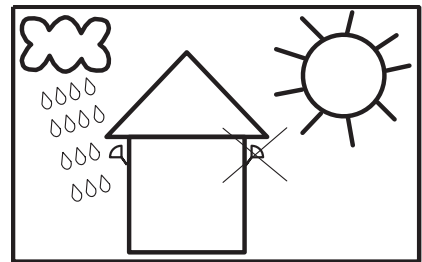
Connection of cable to CC

The outdoor sensor is connected using the enclosed 2 conductor cable to terminals 7-8 in the Connection Centre.



Positioning outdoor sensor

The outdoor sensor is positioned under the eaves where it does not receive direct sunlight and rain.



Connection of cable to the outdoor sensor

The cover to the sensor is hooked on / off by pressing on the sides and lift / push down as shown in the picture.

NOTE screw the sensor on the wall before connecting the cable.

The sensor is equipped with powerful spring-loaded terminals to ensure performance.

Use a screwdriver or similar tool to push down and open the connector as shown.

Insert the wire ends and release the pressure to clamp the cable.



Trouble shooting

Resistance of the sensor can easily be metered to check for faults:

Temp (°C)	Ohm-value
-20	1115
-15	868
-10	681
-5	538
0	428
5	342
10	276
15	224
20	182
25	150
30	123

