



# Your PDF Guides


You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL HCW82. You'll find the answers to all your questions on the HONEYWELL HCW82 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HONEYWELL HCW82  
User guide HONEYWELL HCW82  
Operating instructions HONEYWELL HCW82  
Instructions for use HONEYWELL HCW82  
Instruction manual HONEYWELL HCW82

**Honeywell**

**HCW82**  
WIRELESS ROOM THERMOSTAT

PRODUCT DATA



**GENERAL**

The wireless room thermostat HCW82 is used for individual room temperature control. The HCW82 is communicating with the underfloor heating controllers HCE80/HCE80R/HCC80/HCC80R and the Homematic Manager HCM200D. The setpoint can be easily adjusted from -12 °C to +12 °C because the user friendly analogue interface. The HCW82 measures the room temperature and sends the value as offset temperature to the underfloor heating controller e.g. HCE80 and/or to the HCM200D in order to keep the room temperature constant. For energy saving it can also send the status of the window contact to the HCM200D if it is installed.

**SPECIFICATIONS**

**ELECTRICAL**

**Operating Voltage** : With 2 x AAA Alkaline Batteries (included) or external 3 ± 10% voltage, min. current 25 mA

**RF Communication**

**RF band** : 868,3 MHz Transmitter  
**Receiver class** : 2  
**RF communication range** : 30m in a residential building environment  
**RF communication Technology** : short, high rate transmission to minimize air time and avoid collisions

**ENVIRONMENTAL and STANDARDS**

**Temperature setpoint range (offset)** : -12 to +12 °C  
**Storage temperature** : -20 ... +70 °C  
**Operating temperature** : 0 ... +40 °C  
**Temperature sensing element** : NTC 20 K $\Omega$   
**Dimensions (HxWxD)** : 103 x 99 x 30 mm  
**Humidity** : max. 5 ... 93 %  
**IP class** : IP30  
**Compatible products** : HCE80, HCE80R, HCC80, HCC80R, HCM200D  
**Approval** : CE

**FEATURES**

- Individual room temperature control. The HCW82 is communicating with the underfloor heating controller e.g. HCE80 to keep the room temperature constant
- Simple binding operation to reduce installation time
- Local setpoint override because simple analogue interface. Adjustment +12 °C to -12 °C.
- Window contact optional connectable wired (HCA30)
- Battery powered or external power supply possible
- Remote access to the radiator controller HR 80 with HCM200D. The setpoint of the HR80 can be adjusted with the HC W82 the room temperature sensor of the HCW82 is used.
- HCW82 used as room thermostat with HCM200D. The relays HSD.HS30 are switched ON/OFF depending on the room temperature
- Room temperature control combined with the shading function for shutter control with HCM200D

CE ENH0002GE51 R0905



[You're reading an excerpt. Click here to read official HONEYWELL HCW82 user guide](http://yourpdfguides.com/dref/2939085)  
<http://yourpdfguides.com/dref/2939085>

**Manual abstract:**

The setpoint can be easily adjusted from -12°C to + 12°C because the user friendly analogue interface. The HCW82 measures the room temperature and sends the value as offset temperature to the underfloor heating controller e.g. HCE80 and/or to the HCM200D in order to keep the room temperature constant. For energy saving it can also send the status of the window contact to the HCM200D if it is installed. SPECIFICATIONS ELECTRICAL Operating Voltage : With 2 x AAA Alkaline Batteries (included) or external 3 ± 10% voltage, min. current 25 mA : 868,3 MHz Transmitter :2 FEATURES · Individual room temperature control. @@@@Adjustment +12°C to -12°C. @@@@· HCW82 used as room thermostat with HCM200D. @@+70 °C : 0 .

.. +40 °C : NTC 20 k : 103 x 99x 30 mm : max. 5 ..

. @@The HCW82 must be allocated to the individual zone to be controlled. @@@@The room unit CM67z can control up to 2 zones with individual time program. Only the zone 1 of the CM67z includes the room sensor for zone 2 the HCF82 must be additional allocated for the room temperature measurement to the same zone of the underfloor heating controller. The HCW82 is sending the room temperature and setpoint offset to the allocated zones without time program.

Communication 868,3 MHz HCF 82 CM67z HCW 82 Up to 8 zones HRA80 Antenna for HCE80 HCE80R Pump control Underfloor heating controller HCE80/HCE80R/HCC80/HCC80R EN0H0502GE51 R0805 HCW82 Application C Communication between underfloor Heating controllers and peripheral devices Communication 868,3 MHz HCW 82 CM67z p. tem e 1 om z on Ro ly On Se int tpo HCM200D Setpointoffset Room temp. HRA80 Antenna for HCE80 HCE80R HR80 Pump control S R etp oo o m int te m p. Setpoint Underfloor heating controller HCE80/HCE80R/HCC80/HCC80R Automation and Control Solutions Honeywell AG Boeblingen Strasse 17 D-71101 Schoenaich Phone: (49) 7031 63701 Fax: (49) 7031 637493 <http://europe.hbc.honeywell.com>  
Subject to change without notice. .



[You're reading an excerpt. Click here to read official HONEYWELL HCW82 user guide](http://yourpdfguides.com/dref/2939085)  
<http://yourpdfguides.com/dref/2939085>