



ROOM THERMOSTAT KONVEKA TW 230/16

INSTALLATION
AND USER GUIDE



PRODUCT OVERVIEW

Konveka TW, in conjunction with the Konveka CW8 controller functions by regulating the heating in one zone (room) of a building. This enables the setting of a specific temperature within the zone and also allows for the creation of a weekly time-temperature schedule, delivering enhanced comfort and significant energy savings.

It can control: hydronic underfloor heating; hydronic radiators, convectors and fan coils; electric underfloor heating; electric radiators; infrared heaters.

The thermostat can be controlled by smartphone using mobile applications: Smart Life or Tuya Smart.

TECHNICAL SPECIFICATIONS

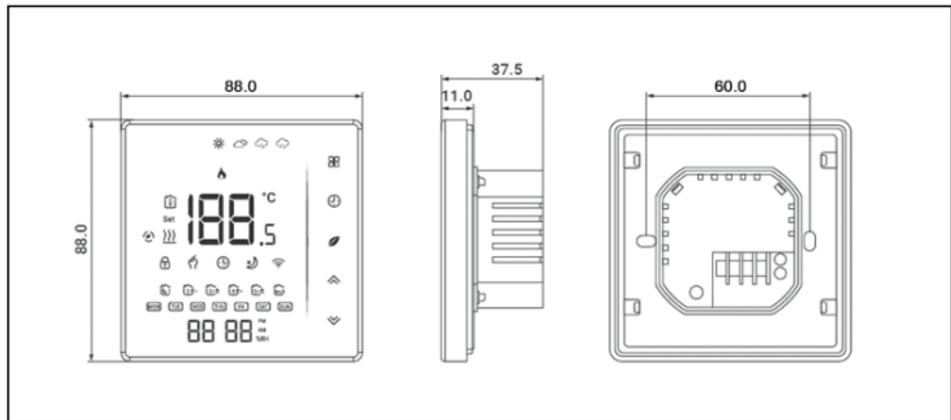
Power supply	95 ~240 VAC, 50~60Hz
Current load	16A
Sensor	NTC3950, 10K
Accuracy	± 0,5°C
Power consumption	< 1,5W
Set temperature range	5 - 35°C
Ambient temperature	0 - 45°C
Ambient and storage humidity	5 - 95% RH (Non-condensing)
Storage temperature	-10 to 45°C

Shell material	PC + ABS (Fireproof)
Protection class	IP20
Buttons	Capacitive Touch Buttons
Dimensions	88 x 88 x 37,5 mm

STANDARD SET

Thermostat	1 pc.
Floor sensor	1 pc.
Screws	2 pc.
User Guide	1 pc.

DIMENSIONS

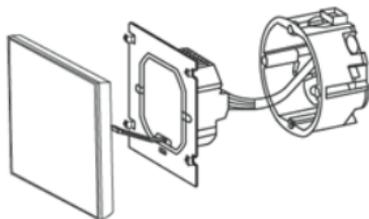


INSTALLATION

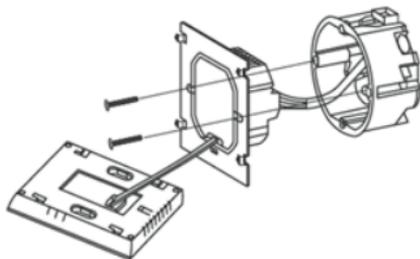
Thermostat is suitable for installation in standard 86 x 86 mm square box or 60 mm European round box. Only shielded cables can be used for all connections of this thermostat.



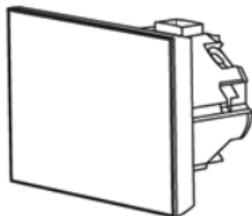
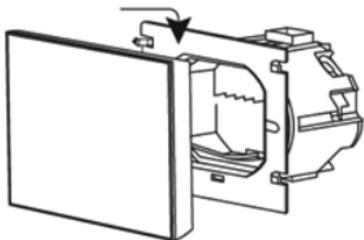
Installation work on the thermostat must only be undertaken after disconnecting the power cables! Contact with live power cables could result in serious injury or even death! All installation and wiring work must be performed by a professional electrician!



1. Connect power supply and control wires



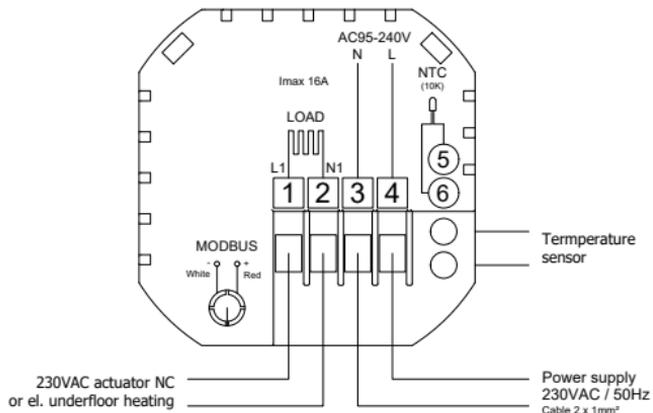
2. Using enclosed screws connect the thermostat to el. installation box



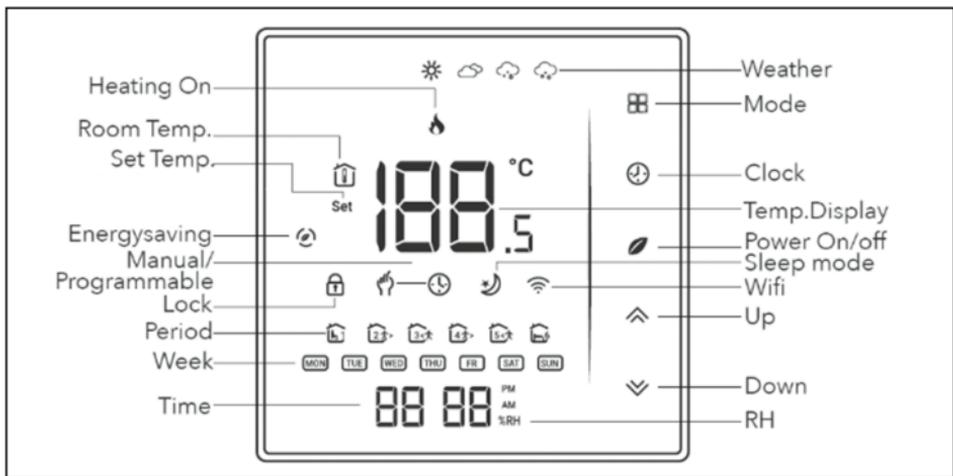
3. Place the front panel of the thermostat against the housing and press it down

4. The thermostat is set

WIRING



THERMOSTAT CONTROL



1. Power on/off. Press  to turn thermostat on/off.

2. Function and Programmable settings

Push , to change between manual mode and programmable mode. In manual mode  will be shown on display. In programmable mode  will be shown on display.

3. Setting the temperature

In the programmable mode temperature and time settings will be locked. To adjust temperature switch to manual mode by pushing  and select temperature using  .

4. Adjusting and setting the clock

Press  to select minute, hour and weekday using  . Press  to confirm changes.

5. Locking the thermostat

Press and hold   for 5 seconds to lock/unlock your thermostat. In Function selection mode No. 3, it is possible to select full lock or half lock.

6. Setting weekly programs in programmable mode

Push , to select programmable mode. The symbol  will be shown on display.

Press  four times. You will see "Mon, Tue, Wed, Thu, Fri and ". Minutes will be flashing.

Use   to set the minutes. Press . Hours will start to flash.

Use   to set hours. Press . Temperature will start to flash.

Use   to set temperature. Press . This completes settings for period 1  for a weekday.

In the same way as period 1, complete settings for periods 2, 3, 4, 5, 6.

Press  again, you will see "SAT". Complete the steps above.

Press , you will see "SUN". Complete the steps above. Press  to confirm and exit.

Adjusting your thermostat settings can only be done if a Wi-Fi connection has not been established with your smart device (mobile phone, tablet, etc.). Once a Wi-Fi connection is established, the thermostat will automatically accept the schedule that is set with your app on the smart device. If a schedule is set with your app, the thermostat needs to be switched off and then back on for the settings to take effect.

Default settings for program schedule

Time display	Weekday (Mon-Fri)		Saturday (Sat)		Sunday (Sun)	
	Time	Temp.	Time	Temp.	Time	Temp.
Period 1	06:00	20°C	06:00	20°C	06:00	20°C
Period 2	08:00	15°C	08:00	20°C	08:00	20°C
Period 3	11:30	15°C	11:30	20°C	11:30	20°C
Period 4	13:30	15°C	13:30	20°C	13:30	20°C
Period 5	17:00	22°C	17:00	20°C	17:00	20°C
Period 6	22:00	15°C	22:00	15°C	22:00	15°C

7. Checking the temperature of floor sensor

Press and hold  for 5 seconds while the thermostat is on to display temperature of floor sensor. If there is no external sensor, "Er" will be displayed.

8. Function selection

During power off hold  and  for 8 seconds. Then press  again to scroll through available functions. Use   to change settings. All settings are confirmed automatically.

Code	Function	Setting and Options	Default
1	Temperature compensation	-9 to 9 °C for internal sensor	-3
2	Dead zone temperature	-1 to 5 °C	1
3	Button locking	00. All bottoms are locked except power button 01. All bottoms are locked	01
4	Sensor type	In. Internal Sensor (to control the temperature) Qu. External Sensor (to control the temperature) Al. Internal/External sensor (Internal sensor to control the temperature, external sensor to limit temperature)	AL
5	Min Set Temperature	5 to 15°C	05
6	Max Set Temperature	15 to 45°C	35
7	Display mode	00. Display both room temperature and set temperature 01. Display set temperature	00
8	Low temperature protection	0 to 10°C	00
9	High temperature protection	25 to 70°C	45
A	Economy mode	00. Non energy saving mode 01. Energy saving mode	0

B	Economy temp	0 to 30 °C		20
C	Daytime display brightness (06:00-22:00)	0-8	When set 0 display will work for 10 sec, then it will switch off completely	1
D	Nighttime display brightness (22:00-06:00)	0-8		1
E	Reset	00. No factory reset 01. Factory reset		00
F	Version Number			U2

WI-FI CONNECTION

Before using your Wi-Fi thermostat for the first time, you must configure the Wi-Fi signal and settings through your smartphone or tablet. This will allow communication between your connected devices.

Search for "Smart Life App" or "Tuya Smart App" in Apple Store or Google Play.



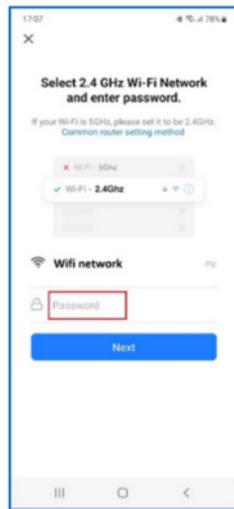
Open the app.



Select
„Add Device“



In the left menu select
„Small Home
Appliances“, In the right
menu select
„Thermostat (Wi-Fi)“

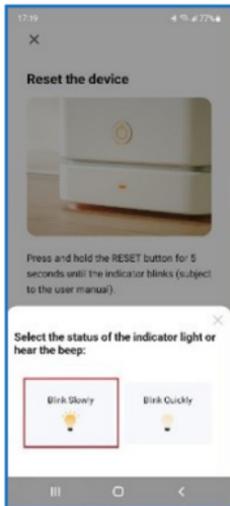


Select Wi-Fi network, enter
password and select **“Next”**.
If your network is working on
5 GHz, you must switch to 2.4
GHz. If you don't know how
to do it, please consult your
network provider

Switch off the thermostat, push and hold  until blinking  icon will appear.



Select
"Confirm the
indicator is
blinking"



Select the same
blinking speed
as on your
thermostat



Select
"Go to Connect"
and connect to your
network



Wait for 1 – 2 min.,
Until device will
be added. Select
"Done"

WARRANTY

The thermostat comes with a 24-month warranty. If the thermostat breaks down either during the warranty period or afterwards, or if you have any uncertainties, please contact us:

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Email

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