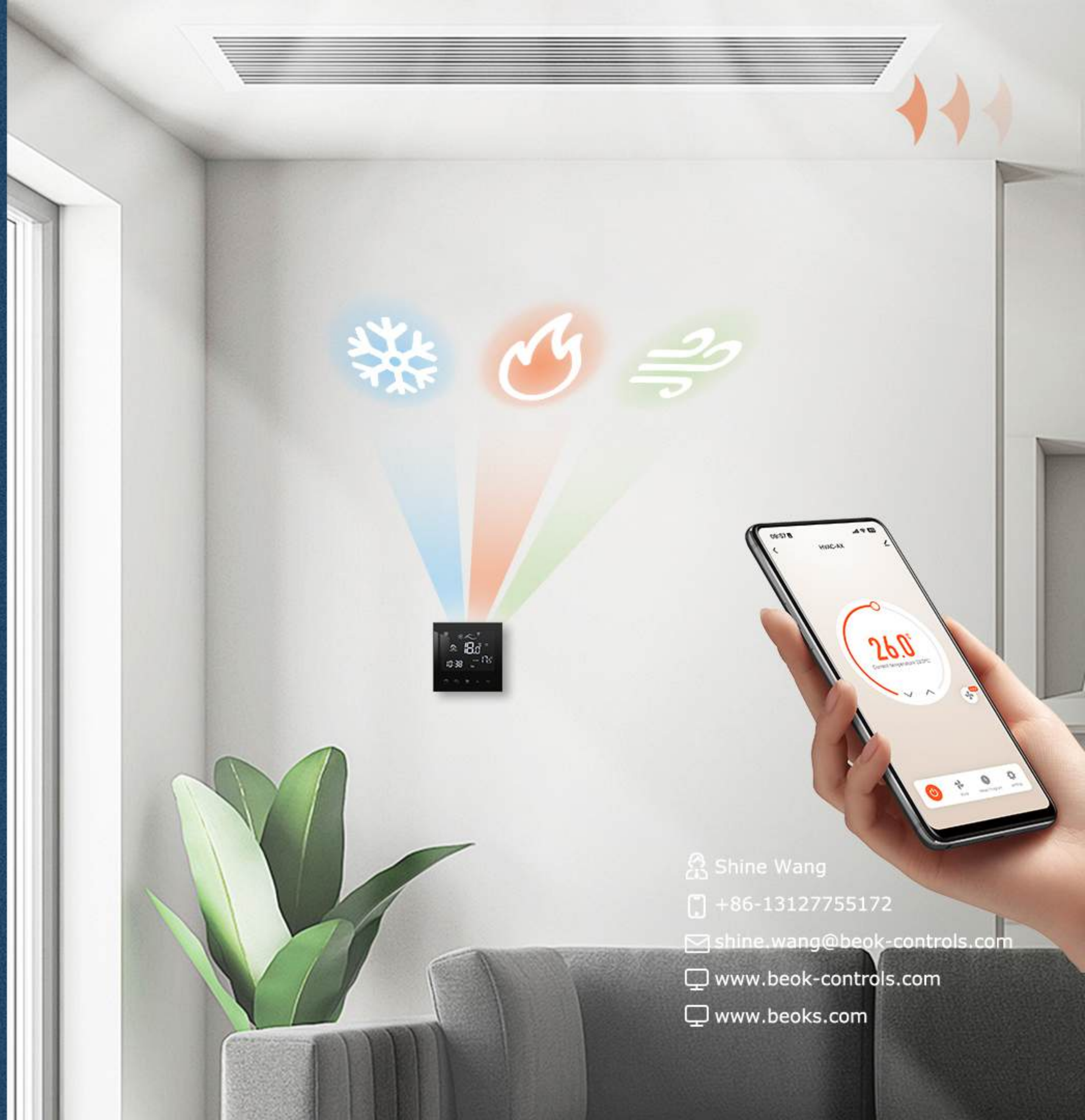




# BEOK 2025 CATALOG

Wi-Fi Thermostat for Fan Coil



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# About BEOK

CE RoHS RED EAC

Shanghai Beok Controls Co., Ltd, founded in 2010, has over 10 years experience to integrate the research, development and production of HVAC control system products. We adhere to the strict and practical product requirements, and take a serious and responsible attitude to provide every customer with better products and better services.



# BEOK Service



Customize  
Program



Customize  
App



Design/  
Printing



Customize  
Product Color



Customize  
Package



ODM  
Service

# Main Functions of BEOK Thermostats



### App control (Wi-Fi model only)

Control the heater remotely by smart phone.



### Voice control (Wi-Fi model only)

Controlling the heater via smart speakers.



### Programmable schedule

Set the temperature for each time of day and make it cycle automatically every day.



### Temperature calibration

Calibrate thermostat display to actual room temperature.



### Child lock

Lock the keypad when you need it to avoid misuse.



### Non-volatile memory

Various current settings of the thermostat can be memorized in case of power failure.



### Anti-freeze

Maintains room temperature at 5°C to prevent electronic devices from freezing. Can be turned on or off in the advanced settings.



### Adjustable backlight

The brightness of the backlight can be adjusted so that the glare does not affect your rest.



### Constant temperature

The temperature hysteresis can be set to a minimum of 0.5°C, effectively preventing indoor temperature differences.

Individual functions may vary depending on the model, please refer the product introduction page for details.

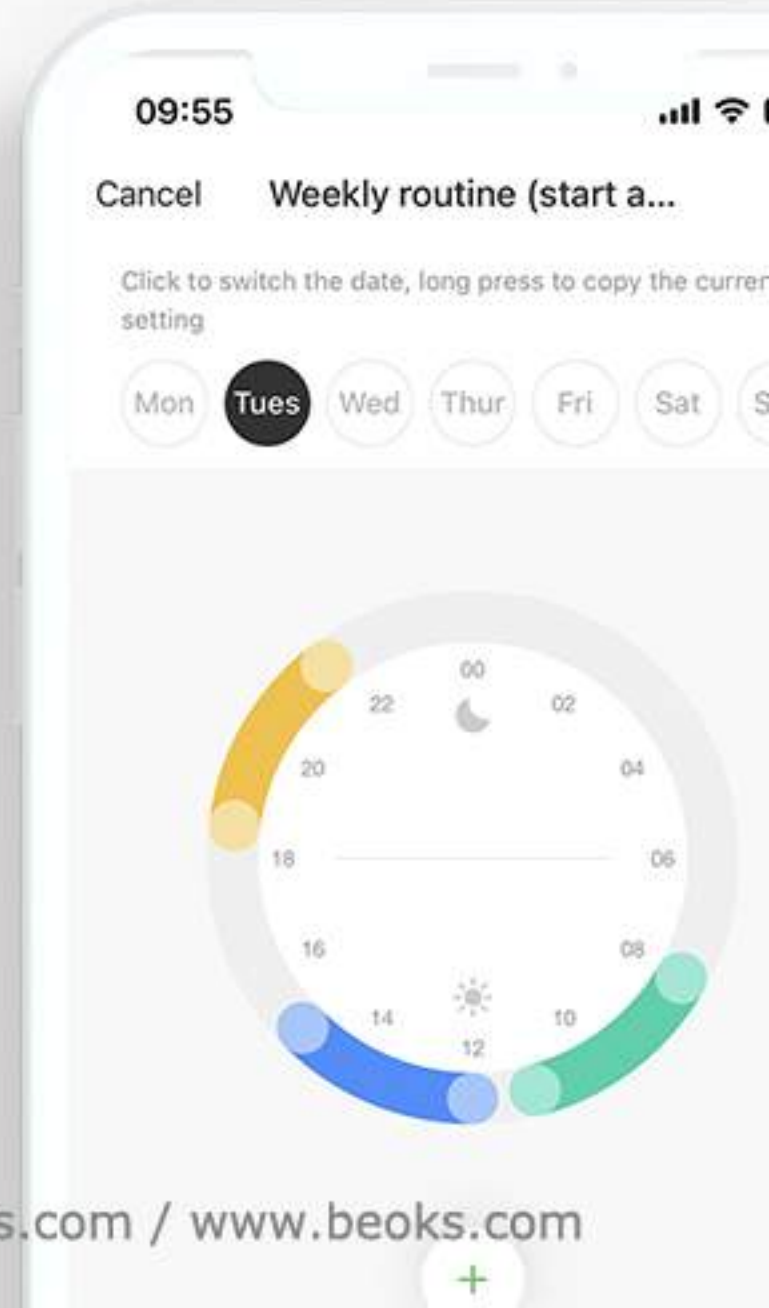
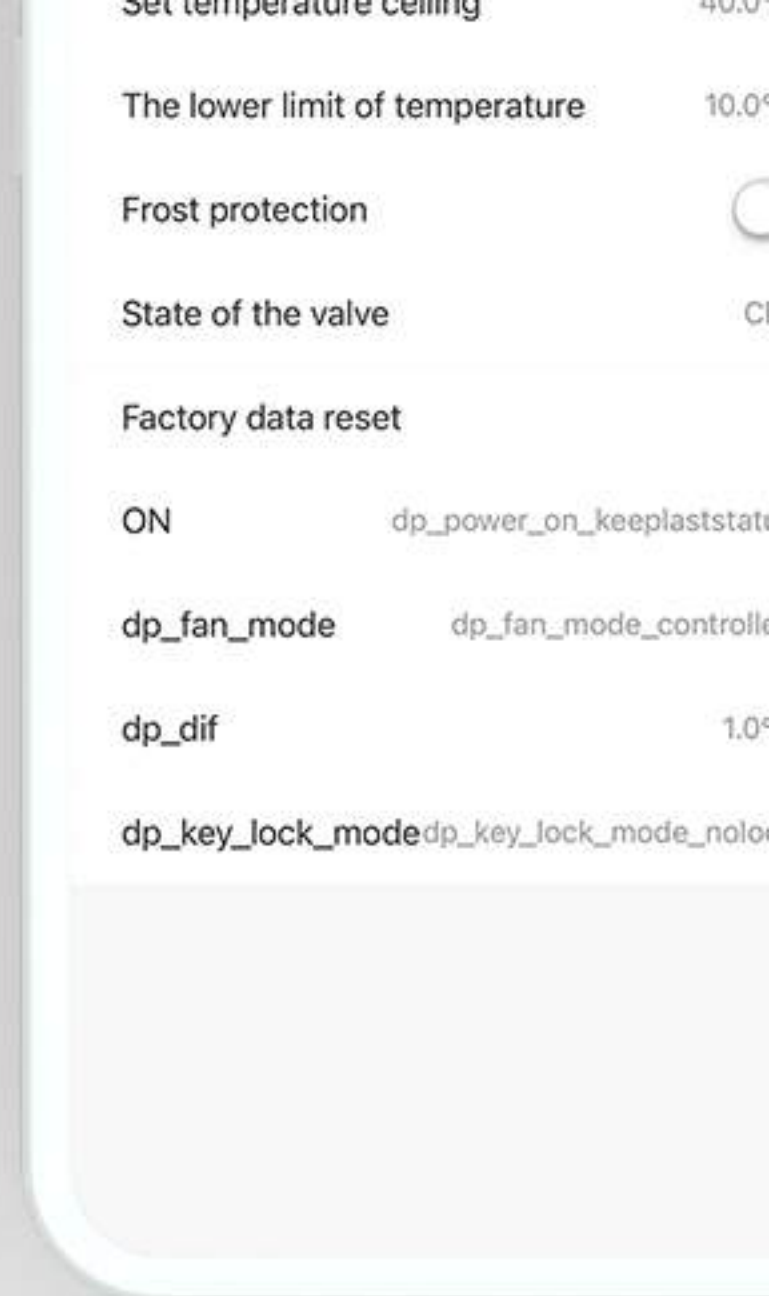
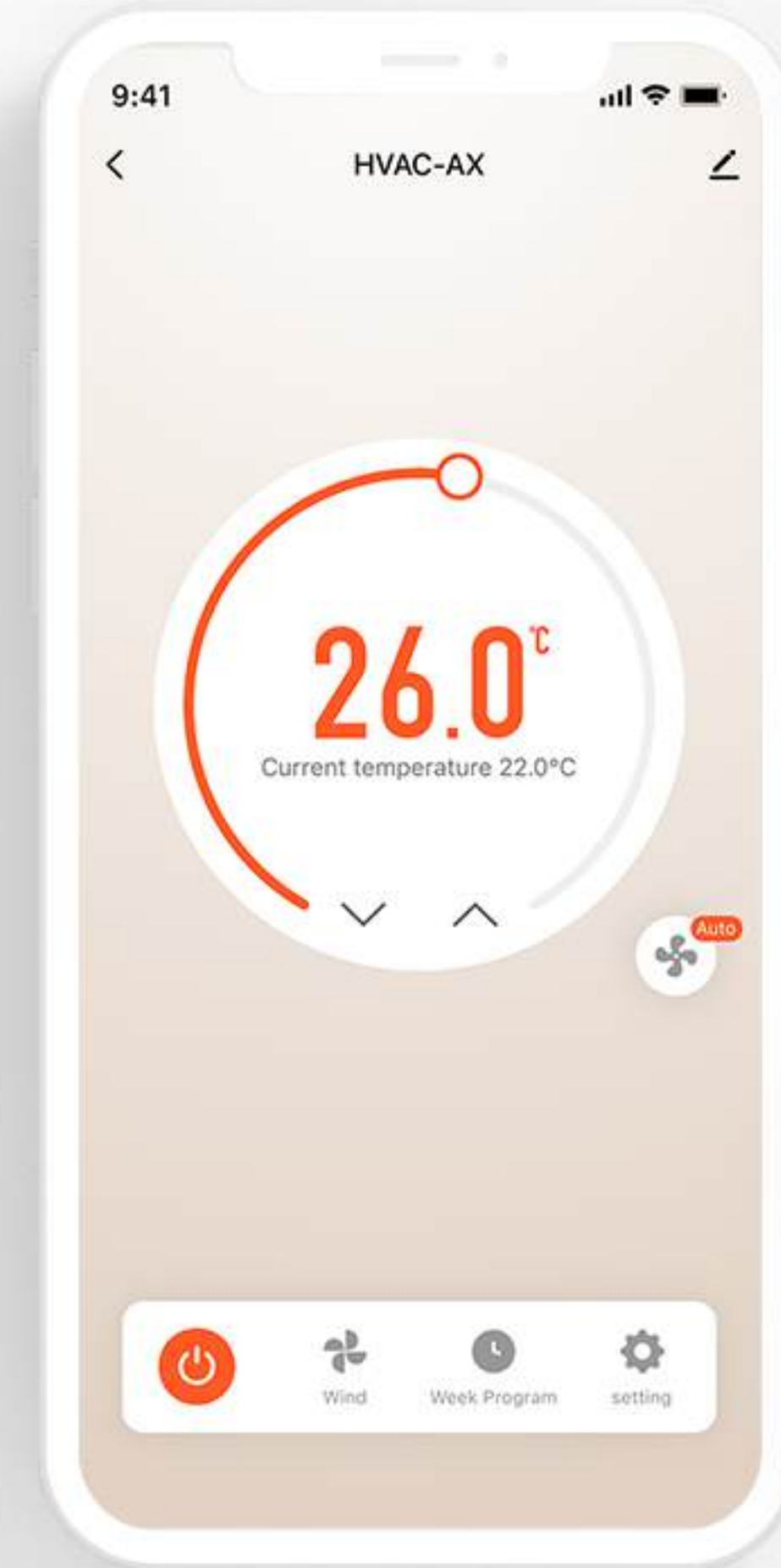
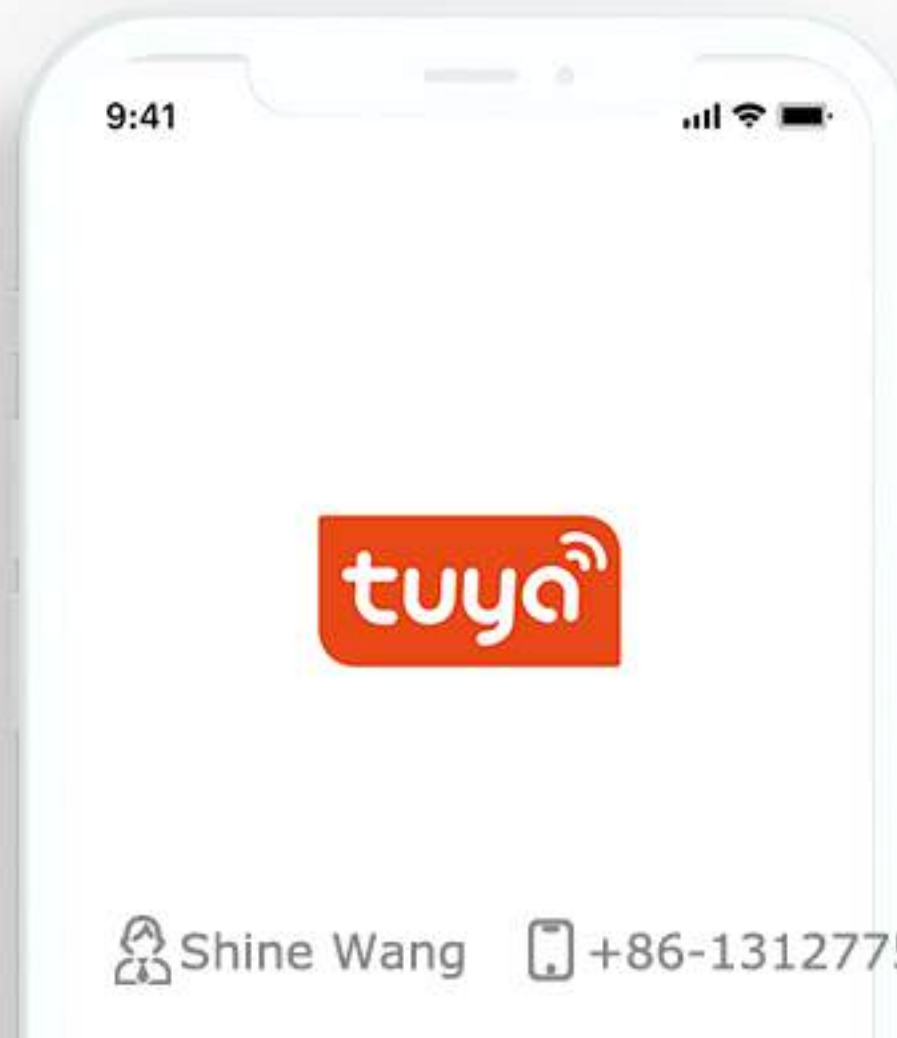
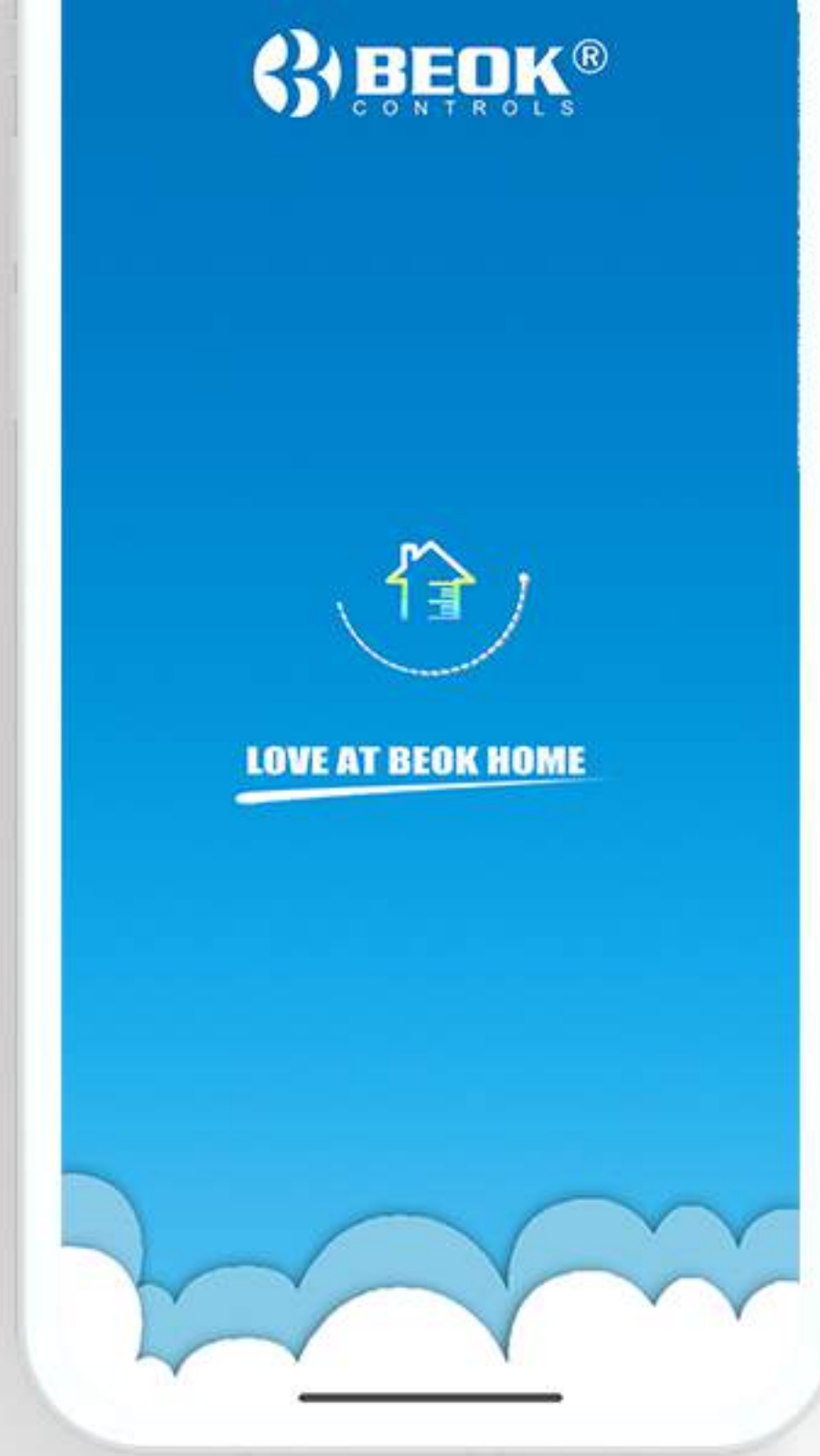


## BEOK Products

# Fan Coil Thermostat App Interface



Tuya Apps

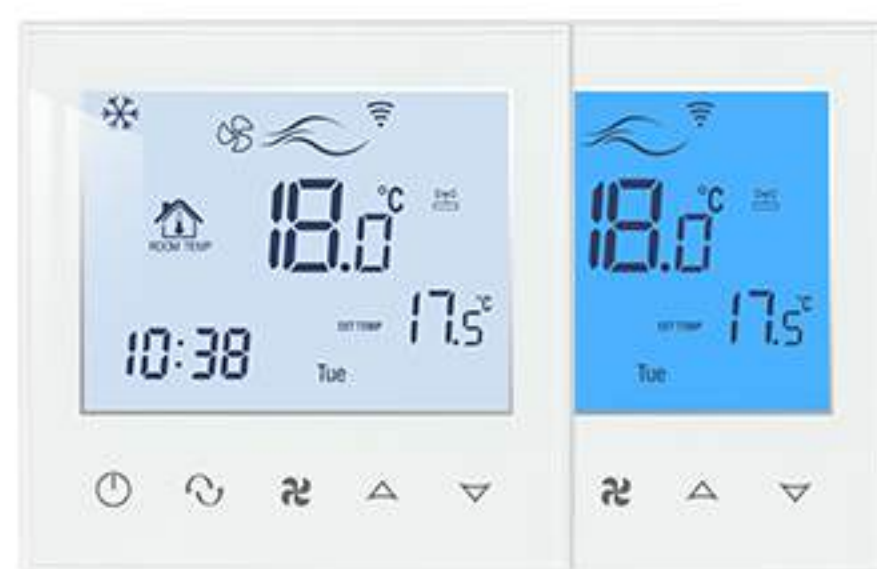


## Contents



**TGT70-WIFI  
-AC**

👉 P07



**TDS21-WIFI  
-AC**

👉 P07



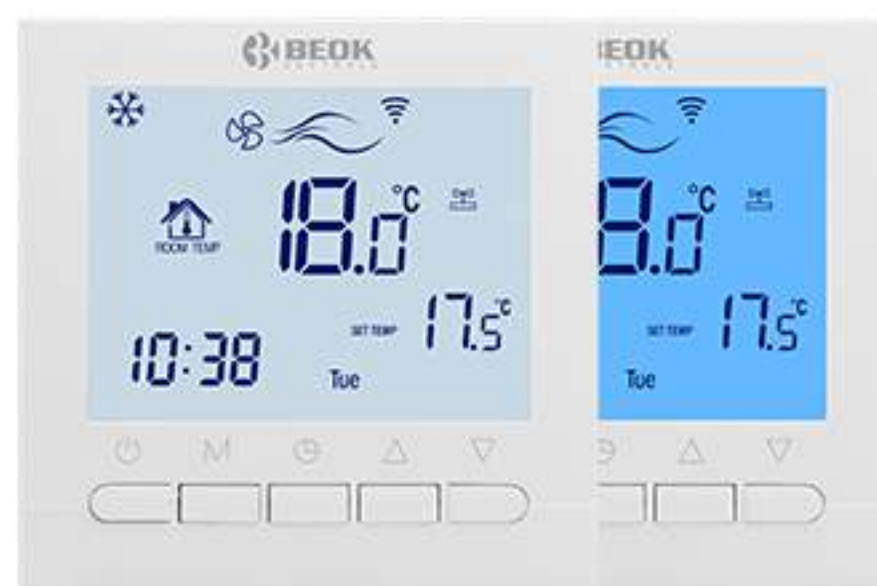
**TDS23-WIFI  
-AC**

👉 P07



**TGP51G-WIFI  
-AC**

👉 P09




**TOL313-WIFI  
-AC**

👉 P12

# TDS Series Thermostats

Work with Tuya apps or BEOK AC    | iOS & Android

Support smart speakers  alexa

## Technical Data

**Power supply**  
AC200~240V; 50/60Hz

**Load current**  
3A~5A

**External material**  
PC+ABS (flame retardant)

**Power consumption**  
<0.5W

**Set temp. range**  
10~40°C

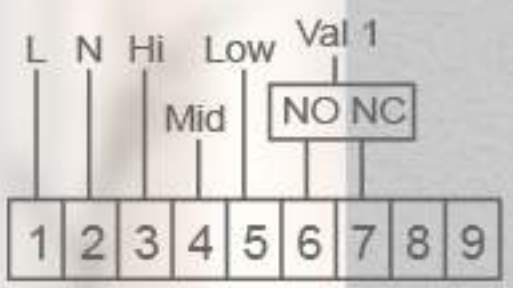
**Temperature hysteresis**  
±0.5~±9.9°C Adjustable  
(default ±1°C)

**Temperature sensor**  
NTC



## Wiring Diagram

**For 2-controls Fan Coil**



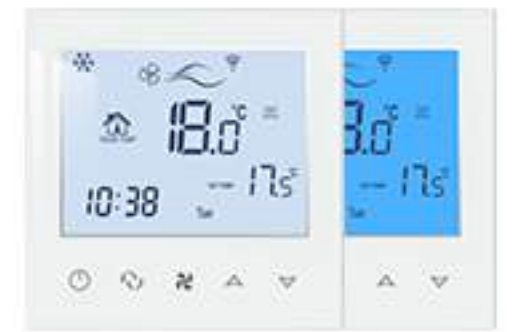
**For 4-controls Fan Coil**



  
Suitable for standard 86mm junction box or European 60mm box.



TGT70-WIFI-AC



TDS21-WIFI-AC



TDS23-WIFI-AC

Model No.

# TGT70-WIFI-AC

86x86x13mm.  
Glass screen with touch keys.



## Selection Table

Model	Power Supply	Application		Recmote Control
	AC 200~240V	2-pipe Fan Coil	4-pipe Fan Coil	Wi-Fi
TGT70-WIFI-AC2	✓	✓	✗	✓
TGT70-WIFI-AC4	✓	✗	✓	✓

Model No.

# TDS21WIFI-AC

86x86x15mm.  
Glossy panel with touch keys.



TDS21WIFI-AC-WW

TDS21WIFI-AC-BL

## Selection Table

Model	Power Supply	Application		Recmote Control
	AC 200~240V	2-pipe Fan Coil	4-pipe Fan Coil	Wi-Fi
TDS21WIFI-AC2-WW	✓	✓	✗	✗
TDS21WIFI-AC2-BL	✓	✓	✗	✓
TDS21WIFI-AC4-WW	✓		✗	✗
TDS21WIFI-AC4-BL	✓		✗	✓

Model No.

# TDS23WIFI-AC

86x86x15mm.  
Glossy panel with touch keys.



TDS23WIFI-AC-WW

TDS23WIFI-AC-BL

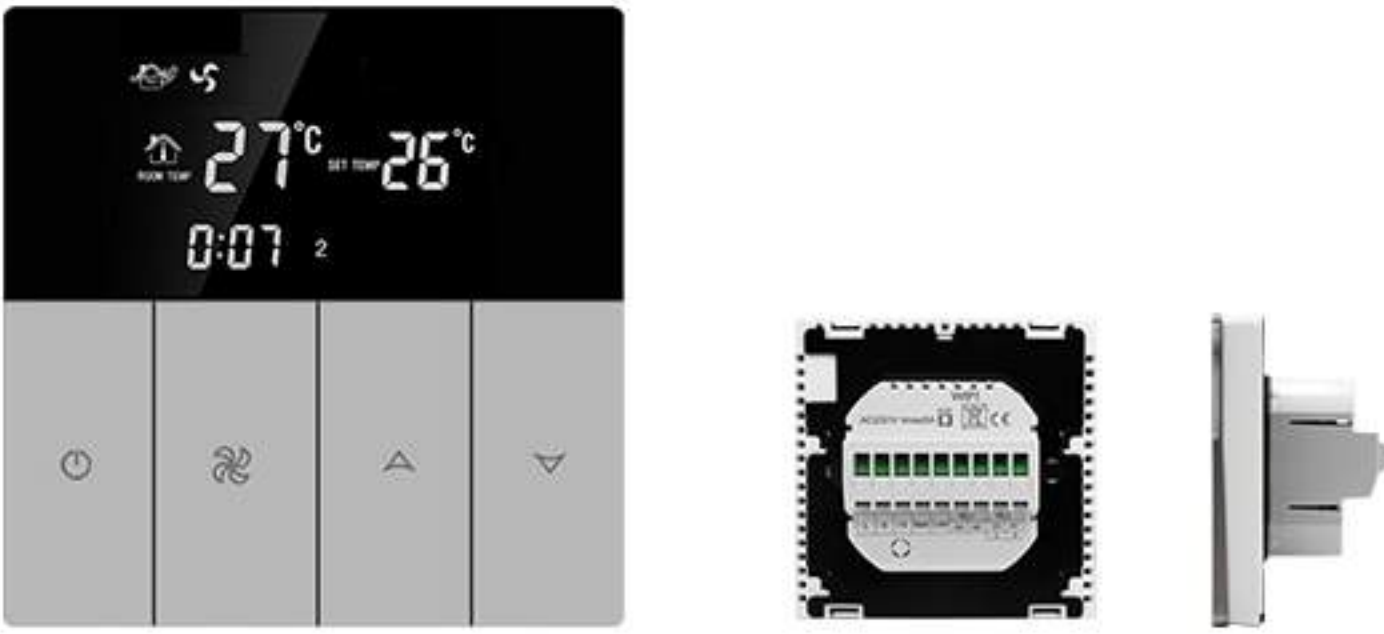
## Selection Table

Model	Power Supply	Application		Recmote Control
	AC 200~240V	2-pipe Fan Coil	4-pipe Fan Coil	Wi-Fi
TDS23WIFI-AC2-WW	✓	✓	✗	✗
TDS23WIFI-AC2-BL	✓	✓	✗	✓
TDS23WIFI-AC4-WW	✓	✓	✗	✗
TDS23WIFI-AC4-BL	✓	✓	✗	✓

# BEOK Wi-Fi Fan Coil Thermostat

Model No.  
**TGP51G-WIFI-AC**

86x86x13mm. Glass screen, 4 touch keys with silver icons.



Work with Tuya apps or BEOK AC | iOS & Android

Support smart speakers



## Technical Data

**Power supply**  
AC200~240V; 50/60Hz

**Load current**  
3A~5A

**External material**  
PC+ABS (flame retardant)

**Accuracy**  
±1°C

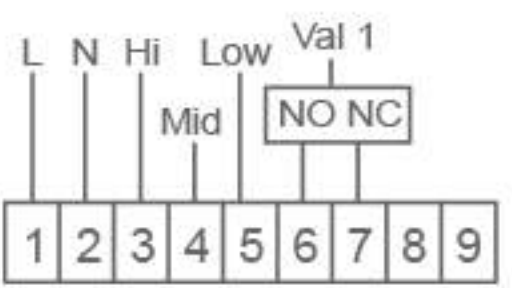
**Set temp. range**  
10~40°C

**Temperature hysteresis**  
±0.5~±9.9°C Adjustable  
(default ±1°C)

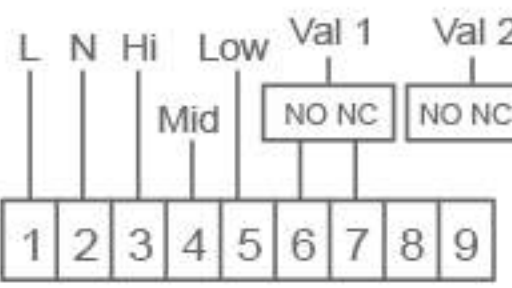
**Temperature sensor**  
NTC

## Wiring Diagram

For 2-controls  
Fan Coil



For 4-controls  
Fan Coil



Suitable for standard 86mm junction box or European 60mm box.

## Selection Table

Model	Power Supply	Application		Recmote Control
	AC 200~240V	2-pipe Fan Coil	4-pipe Fan Coil	Wi-Fi
TGP51G-WIFI-AC2	✓	✓	✗	✓
TGP51G-WIFI-AC4	✓	✓	✗	✓

# BEOK Wi-Fi Fan Coil Thermostat

Model No.

## TOL313-WIFI-AC

86x86x13.3mm. Large LCD screen with mechanical keys.

Work with Tuya apps or BEOK AC    | iOS & Android

Support smart speakers  alexa



TOL313-WIFI-AC-W



TO313-WIFI-AC-B



### Technical Data

**Power supply**  
AC200~240V; 50/60Hz

**Load current**  
3A~5A

**External material**  
PC+ABS (flame retardant)

**Accuracy**  
±1°C

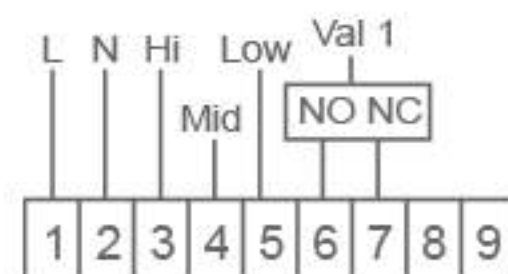
**Set temp. range**  
10~40°C

**Temperature hysteresis**  
±0.5~±9.9°C Adjustable  
(default ±1°C)

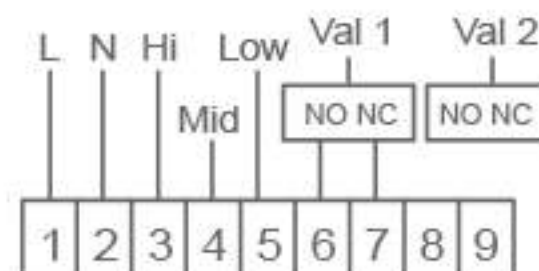
**Temperature sensor**  
NTC

### Wiring Diagram

For 2-controls  
Fan Coil



For 4-controls  
Fan Coil



Suitable for  
standard 86mm  
junction box or  
European  
60mm box.

### Selection Table

Model	Power Supply	Application		Recmote Control
	AC 200~240V	2-pipe Fan Coil	4-pipe Fan Coil	Wi-Fi
TOL313-WIFI-AC2-W	✓	✓	✗	✓
TOL313-WIFI-AC2-B	✓	✓	✗	✓
TOL313-WIFI-AC4-W	✓	✗	✓	✓
TOL313-WIFI-AC4-B	✓	✗	✓	✓



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