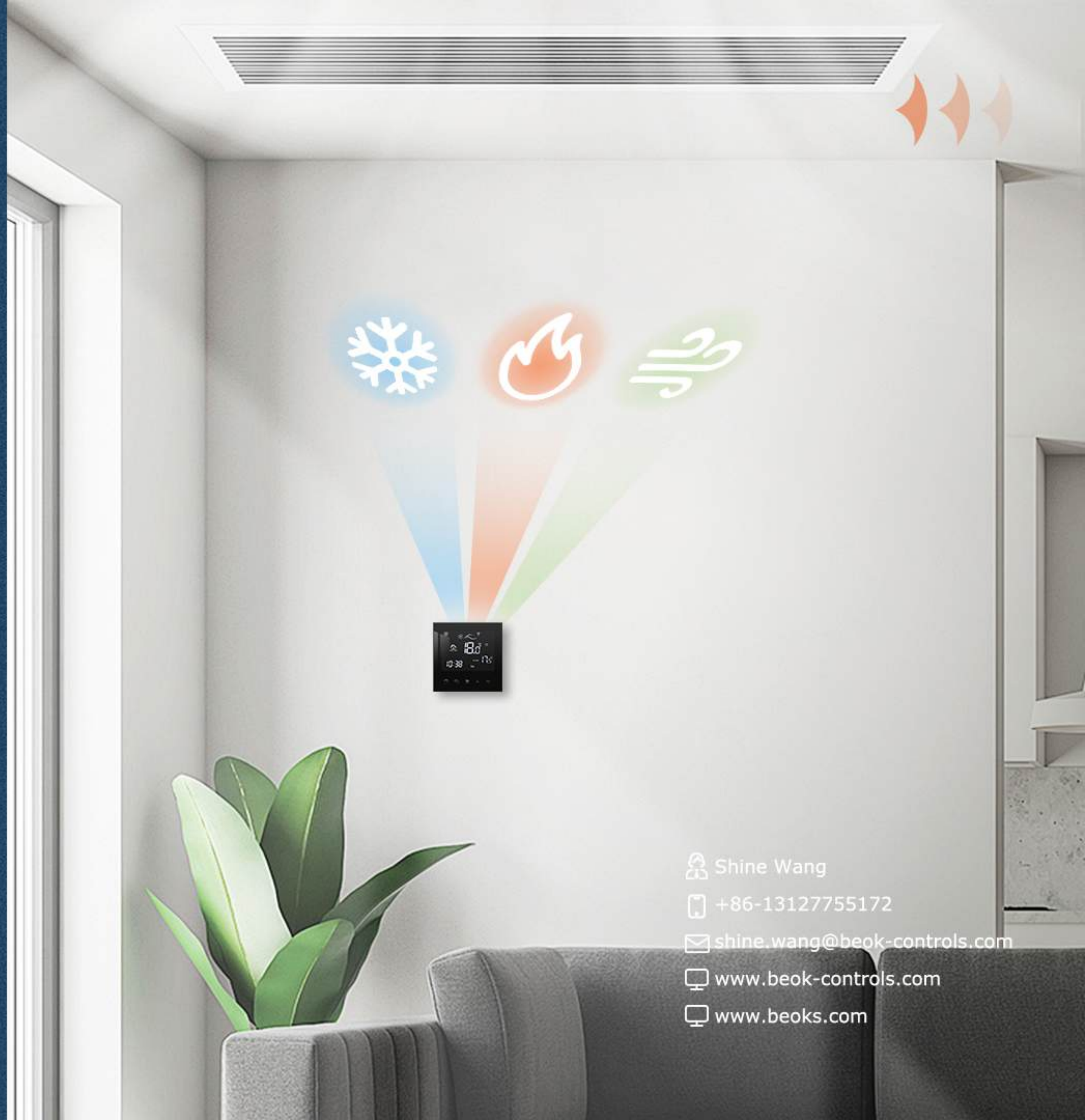




BEOK 2025 CATALOG

Non-WiFi 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



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

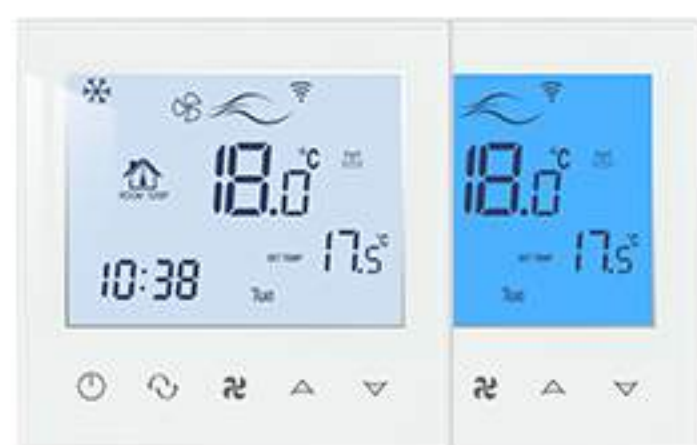
The temperature hysteresis can be set to a minimum of 0.5°C, effectively preventing indoor temperature differences.

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



TGT70-AC

👉 P06



TDS21-AC

👉 P06



TDS23-AC

👉 P06



TGP51G-AC

👉 P08



TOL43-AC

👉 P09



TOL63R-AC

👉 P10



TOL313-AC

👉 P11

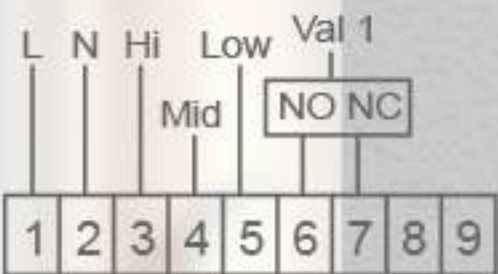
TDS Series Thermostats

Technical Data

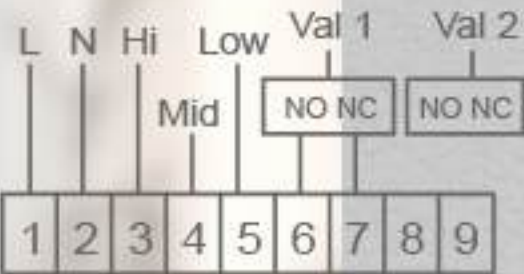
Power supply AC200~240V; 50/60Hz	Set temp. range 10~40°C
Load current 3A~5A	Temperature hysteresis ±0.5~±9.9°C Adjustable (default ±1°C)
External material PC+ABS (flame retardant)	Temperature sensor NTC
Power consumption <0.5W	

Wiring Diagram

For 2-controls
Fan Coil



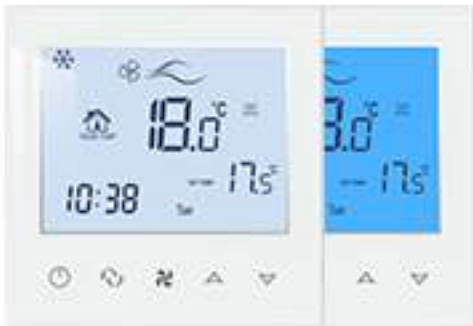
For 4-controls
Fan Coil



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



TGT70-AC



TDS21-AC



TDS23-AC

Model No.
TGT70-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-AC2	✓	✓	✗	✗
TGT70-AC4	✓	✗	✓	✗

Model No.
TDS21-AC

86x86x15mm.
Glossy panel with touch keys.



TDS21-AC-WW

TDS21-AC-BL

Selection Table

Model	Power Supply	Application		Recmote Control
	AC 200~240V	2-pipe Fan Coil	4-pipe Fan Coil	Wi-Fi
TDS21-AC2-WW	✓	✓	✗	✗
TDS21-AC2-BL	✓	✓	✗	✗
TDS21-AC4-WW	✓	✗	✓	✗
TDS21-AC4-BL	✓	✗	✓	✗

Model No.
TDS23-AC

86x86x15mm.
Glossy panel with touch keys.



TDS23-AC-WW

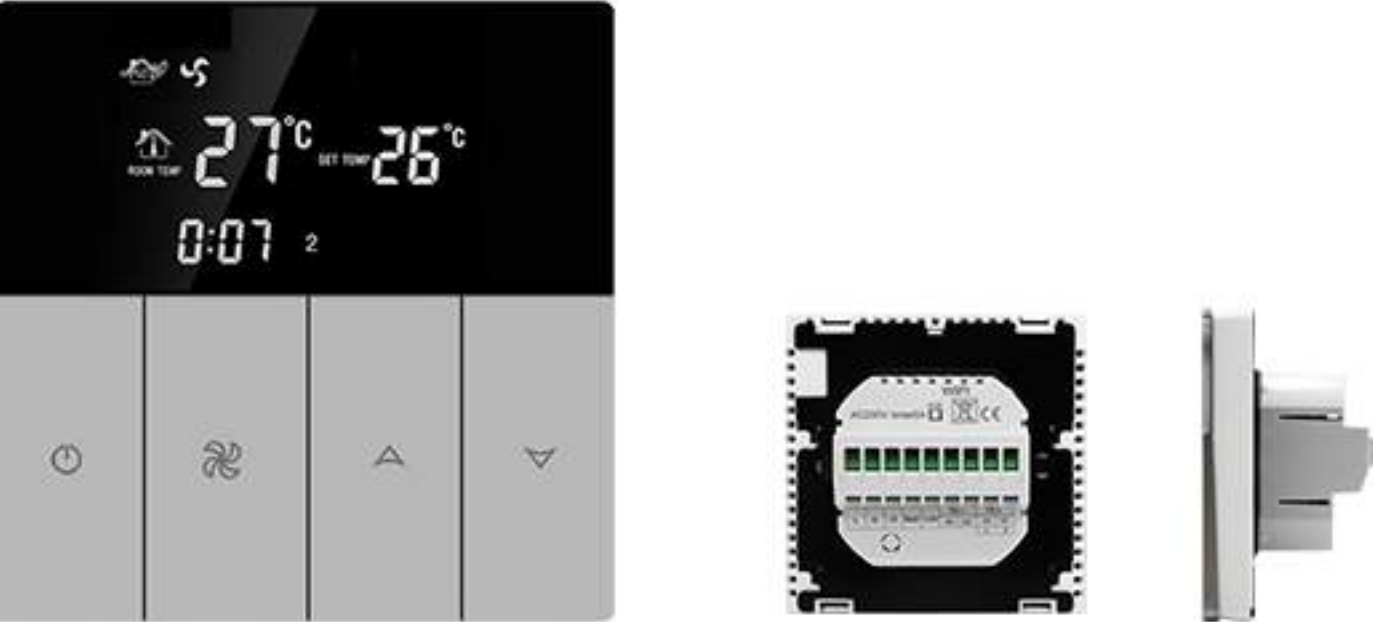
TDS23-AC-BL

Selection Table

Model	Power Supply	Application		Recmote Control
	AC 200~240V	2-pipe Fan Coil	4-pipe Fan Coil	Wi-Fi
TDS23-AC2-WW	✓	✓	✗	✗
TDS23-AC2-BL	✓	✓	✗	✗
TDS23-AC4-WW	✓	✗	✓	✗
TDS23-AC4-BL	✓	✗	✓	✗

Model No.
TGP51G-AC

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



Technical Data

Power supply
AC200~240V; 50/60Hz

Load current
3A~5A

External material
PC+ABS (flame retardant)

Accuracy
±1°C

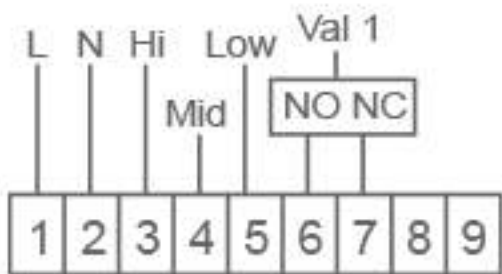
Set temp. range
10~40°C

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

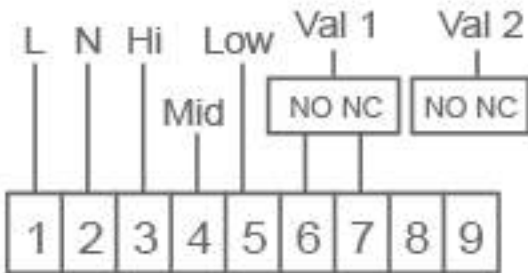
Temperature sensor
NTC

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-AC2	✓	✓	✗	✗
TGP51G-AC4	✓	✗	✓	✗

Model No.
TOL43-AC 86x86x13.3mm..Large LCD screen with mechanical keys.



TOL43-AC-W



TOL43-AC-B



Technical Data

Power supply
AC200~240V; 50/60Hz

Load current
3A~5A

External material
PC+ABS (flame retardant)

Accuracy
±1°C

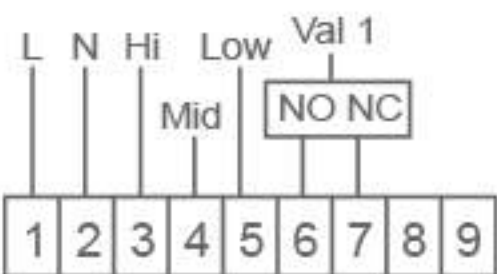
Set temp. range
10~40°C

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

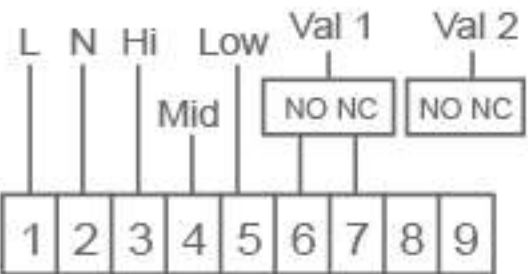
Temperature sensor
NTC

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
TOL43-AC2-W	✓	✓	✓	✗
TOL43-AC2-W	✓	✓	✓	✗
TOL43-AC4-B	✓	✗	✗	✗
TOL43-AC4-B	✓	✗	✗	✗

Model No.
TOL63R-AC

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



TOL63R-AC-W



TOL63R-AC-B



Technical Data

Power supply
AC200~240V; 50/60Hz

Load current
3A~5A

External material
PC+ABS (flame retardant)

Accuracy
±1°C

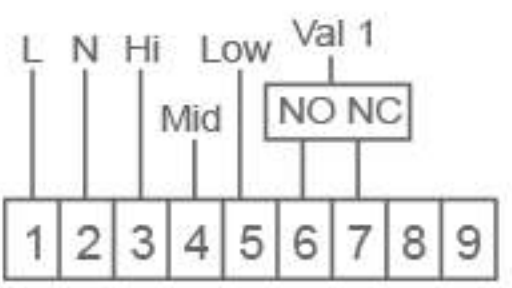
Set temp. range
10~40°C

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

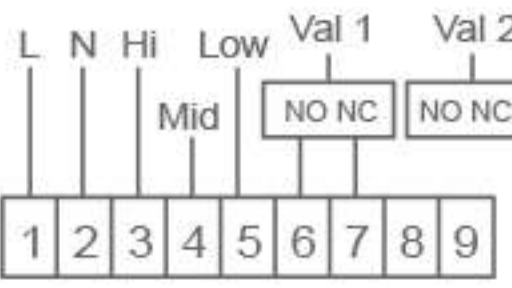
Temperature sensor
NTC

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
TOL63R-AC2-W	✓	✓	✗	✗
TOL63R-AC2-B	✓	✓	✗	✗
TOL63R-AC4-W	✓	✗	✓	✗
TOL63R-AC4-B	✓	✗	✓	✗

Model No.
TOL313-AC

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



TOL313-AC-W



TOL313-AC-B



Technical Data

Power supply
AC200~240V; 50/60Hz

Load current
3A~5A

External material
PC+ABS (flame retardant)

Accuracy
±1°C

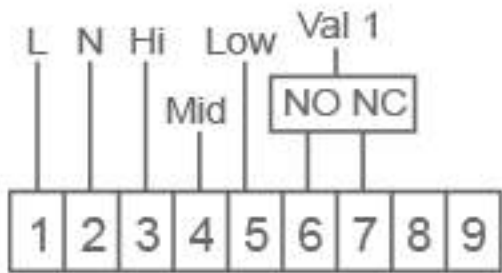
Set temp. range
10~40°C

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

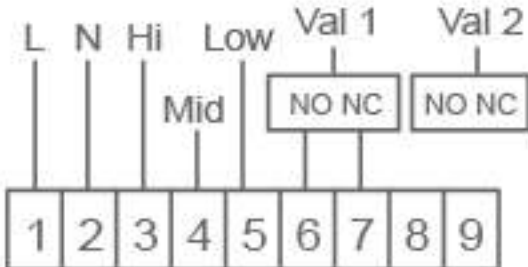
Temperature sensor
NTC

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-AC2-W	✓	✓	✗	✗
TOL313-AC2-B	✓	✓	✗	✗
TOL313-AC4-W	✓	✗	✓	✗
TOL313-AC4-B	✓	✗	✓	✗



Beok Controls

