



TI9801

Technical Information

TFW9-Series (T)

Fan Coil Wi-Fi Controller
with ON/OFF Fan and analogue Valve Outputs



- 0-10V output for valve control
- Built-in WiFi for remote mobile app management
- Compatible with 2-pipe and 4-pipe FCU systems
- Manual/automatic 3-speed fan control
- Energy-saving schedule, 5+2/7 days programmable
- Temperature compensation and open window detection
- Customisable branding, housing colours, and packaging (OEM/ODM)
- CE Certification

Product Range

Order Code	Communication	Power Supply	Fan Output	Control Valves Output	Remote Sensor	Display	IP Rating
TFW9G.AC	Wi-Fi	AC/DC 24 V	AC 230 V / ON-OFF	0 to 10 V	NTC10k	Full LCD Display	IP30
TFW9G.AD		AC 230 V					

All information and technical data are subject to alteration

Specification

Supply Voltage	85 to 230 V AC / 24 V AC 50/60 Hz
Control Device	2-pipe & 4-pipe FCU
Fan Control	AC 230 V - 3 steps
Valve Control	2× 0 to 10 V
Heat/Cool	Cool & Heat & Auto
Remote Sensor Type	NTC10K (remote sensor not included)
Communication	WiFi
Hotel Card	Yes, Dry contact (Window / Door / PIR sensor)
Backlight	Black & White
Temperature Display	Celsius
Programmable	5+2 / 7 Days 4 periods
Setpoint Range	5 °C to 35 °C
Temperature Display	0.5 °C
Ambiente	Storage: -20 °C to 60 °C Operating: 0 °C to 50 °C Humidity: 5 % to 95 %
Product Color	White RAL9010
Cycling Fan	Yes
Approval	EN60730-1 CE Standard
Installation	Flush/Surface Mounting
Housing Material	PC+ABS

Security Advice

Observe the following general regulation for engineering and implementation:



All relevant national and heavy power regulations

Other country specific regulations

Country-specific regulations

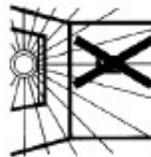
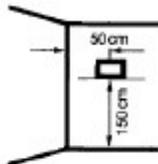
Local electrical supply authority regulation

Schematics, cable listings, dispositions, specification and arrangements from the customer or engineering office in charge

Third party specifications, e.g. general contractors or constructors

Advices

Mounting Advices



Disposal Notes

The device is considered an electronic device for disposal in terms of the EUROPEAN DIRECTIVE 2012/19/EU



The device may not be disposed as domestic garbage

The device must be disposed through channels provided for this purpose

It is mandatory to complying with local currently applying laws and regulations

Dimensions



Connection

