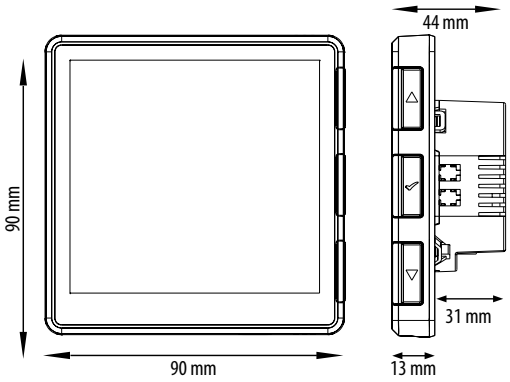


EFAN-ECW

Wi-Fi flush-mounted fan coil thermostat for EC fans (0–10 V) and 230 V valves

- For 230 V systems with 0–10 V EC fans – designed for fan coil units, air curtains and unit heaters.
- Easy setup – quick commissioning and a wide range of intuitive settings for different installations.
- 0–100% fan speed control – ensures smooth operation without sudden changes and reduces energy consumption.
- Compatible with EC fans from various manufacturers.
- Built-in Wi-Fi – control via the ENGO Smart app without an additional gateway.
- MODBUS RS-485 – enables integration with BMS systems.
- Button lock and PIN code – protection against unauthorised changes to settings.

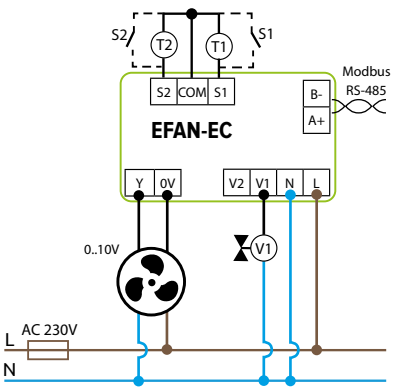


TECHNICAL DATA

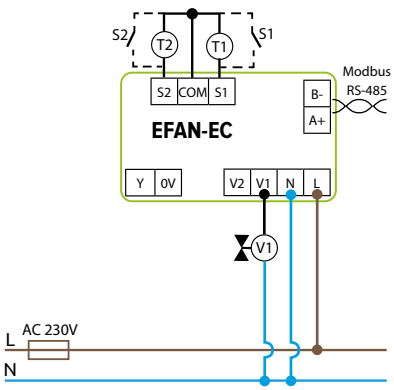
Power supply	230 V AC
Temperature control range	5.0°C to 45.0°C
Temperature display accuracy	0.1 or 0.5°C
Control algorithm	Delta FAN, hysteresis (±0.1 to ±2°C)
Communication	Wi-Fi 2.4 GHz
A+/B– input	Modbus RS-485
Inputs	S1/COM, S2/COM – temperature sensor or volt-free contact
Valve control outputs	V1, V2 – 230 V AC, 5(2) A
Fan control output	Y – 0–10 V DC
Dimensions [mm]	90 × 90 × 44 mm (13 mm after installation in a Ø60 mm flush-mounted box)

WIRING DIAGRAM

Water unit heater with a 230 V AC EC motor or 2-pipe fan coil unit (heating or cooling)



Underfloor heating



4-pipe fan coil unit (heating and cooling) – connection of the fan and NC actuators

