

TUCANA SET

AURATON R25 RT

Weekly Wireless Thermostat with heating device controller

The set includes a weekly wireless thermostat (AURATON Tucana R) and an ergonomic heating device controller (AURATON Fornax). It allows you to set the temperature with hourly precision. It is quick to install and easy to use. AURATON Fornax (receiver) has a switch for easy servicing of the heating device. A unique heating cycle analysis algorithm enables to save the receiver's operating parameter from the last recorded 24 hours. In the event of a possible lack of communication with the thermostat, the receiver follows the previously saved programme, allowing for the removal of the failure with an imperceptible loss of thermal comfort. The LCD display in AURATON Tucana R is adapted for use in dimly lit rooms with a choice of 3 backlight colours. The AURATON Tucana SET has 10 temperature programmes – 3 factory-set and 7 user-modifiable programmes. It also has the ability to set an independent holiday temperature for up to 99 days. It also has a PWM working mode, which cyclically switches on and off the heating device and minimises temperature fluctuations. The PWM algorithm maintains thermal comfort in the room by anticipating the actions of the heating system and ensures lower energy consumption.



Service switch for heating device maintenance



10 temperature programmes (7 user-modifiable)



Hourly precision temperature setting



4 independently settable temperatures (day, night, anti-freeze, holiday)



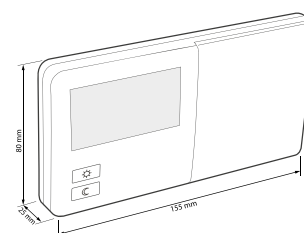
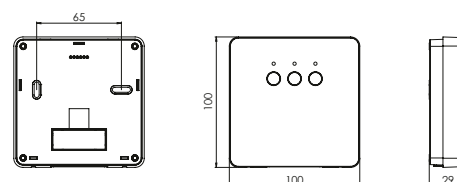
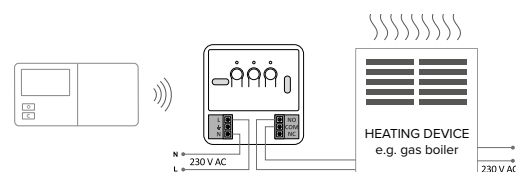
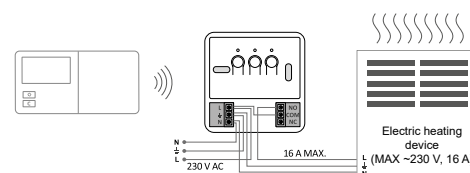
Unique algorithm for saving the operating parameter of the receiver from the last 24 hours



PWM working mode

TECHNICAL DATA

AURATON Fornax power supply	230V AC, 50Hz, 1.5W
AURATON Tucana R power supply	2xAA (2x1.5V), alkaline
Operating temperature range	0 – 45°C
Working cycle	weekly
Radio frequency	868.850 MHz 869.000 MHz
Radio signal strength	up to 11 dBm
Operating range	In a typical building with a standard wall construction – approx. 30 m; in an open space – up to 300 m
AURATON Fornax working status signalling	LEDs, sound signal
AURATON Tucana R working status signalling	LCD display
AURATON Fornax relay load capacity	max. 250V AC, max. 16A
AURATON Tucana R number of temperature levels	4
AURATON Tucana R anti-freeze temperature	4 – 10°C
AURATON Tucana R temperature control range	5 – 30°C
AURATON Tucana R hysteresis	±0.2°C / ±0.4°C/PWM
Ingress protection	IP 20
Humidity	≤85% non-condensing
AURATON Fornax receiver category	2
AURATON Fornax suggested mounting place	near heating device



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