AURATON

AQUILA R

AURATON 200 R

Daily Wireless Thermostat (transmitter)

AURATON Aquila R operates in a 24h cycle. It enables the temperature to be set with an accuracy of 0.2°C. The thermostat is economical thanks to its function of temporary reduction of the temperature. Additionally has the option of cyclical reduction of temperature every day at the same time. Also, it has the FrostGuard function that prevents rooms from freezing. The AURATON Aquila R can be paired with the AURATON Fornax (receiver) or the AURATON Aries (wireless underfloor heating control strip). The thermostat 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.

The FrostGuard function prevents rooms from freezing

Economy Mode – cyclical reduction of temperature by 3°C for 6 hours, every day at the same time

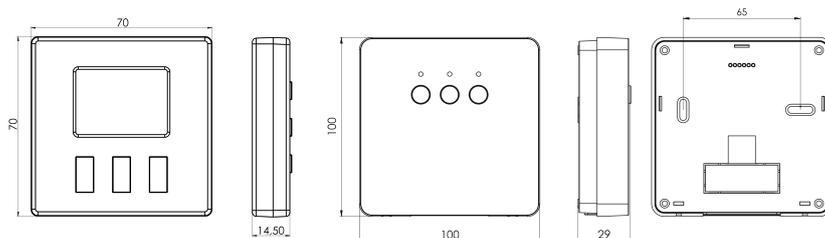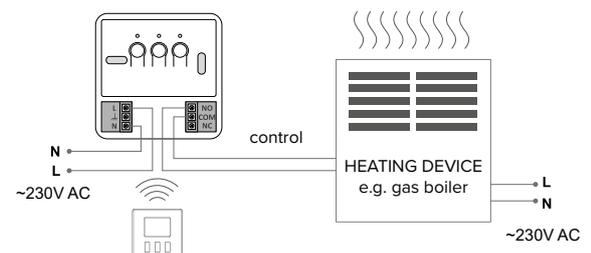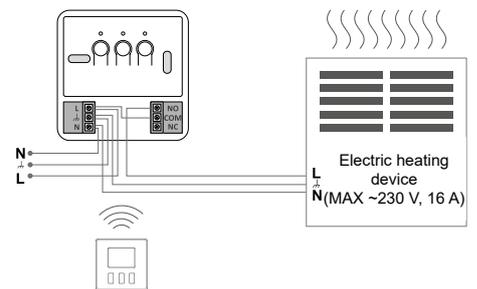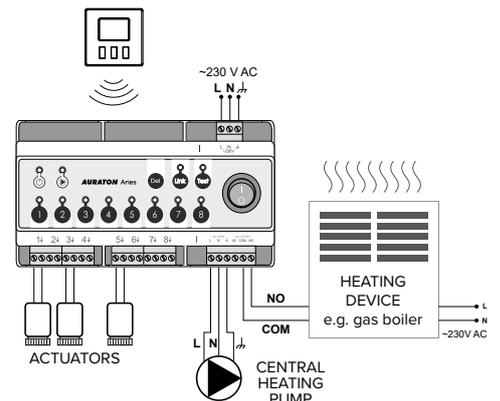Designed to work with AURATON Aries

Mounting on surfaces or as a free-standing device

PWM working mode

Designed to work with AURATON Fornax

TECHNICAL DATA

Power supply	2xAAA (2x1.5V), alkaline
Operating temperature range	0 – 45°C
Working cycle	daily
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
Working status signalling	LCD display
Number of temperature levels	1
Anti-freeze temperature	2°C
Temperature control range	5 – 30°C
Temperature measuring range	0 – 35°C
Hysteresis	±0.2°C/±0.4/PWM
Temperature setting accuracy	0.2°C
Ingress protection	IP 20
Humidity	≤85% non-condensing

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