



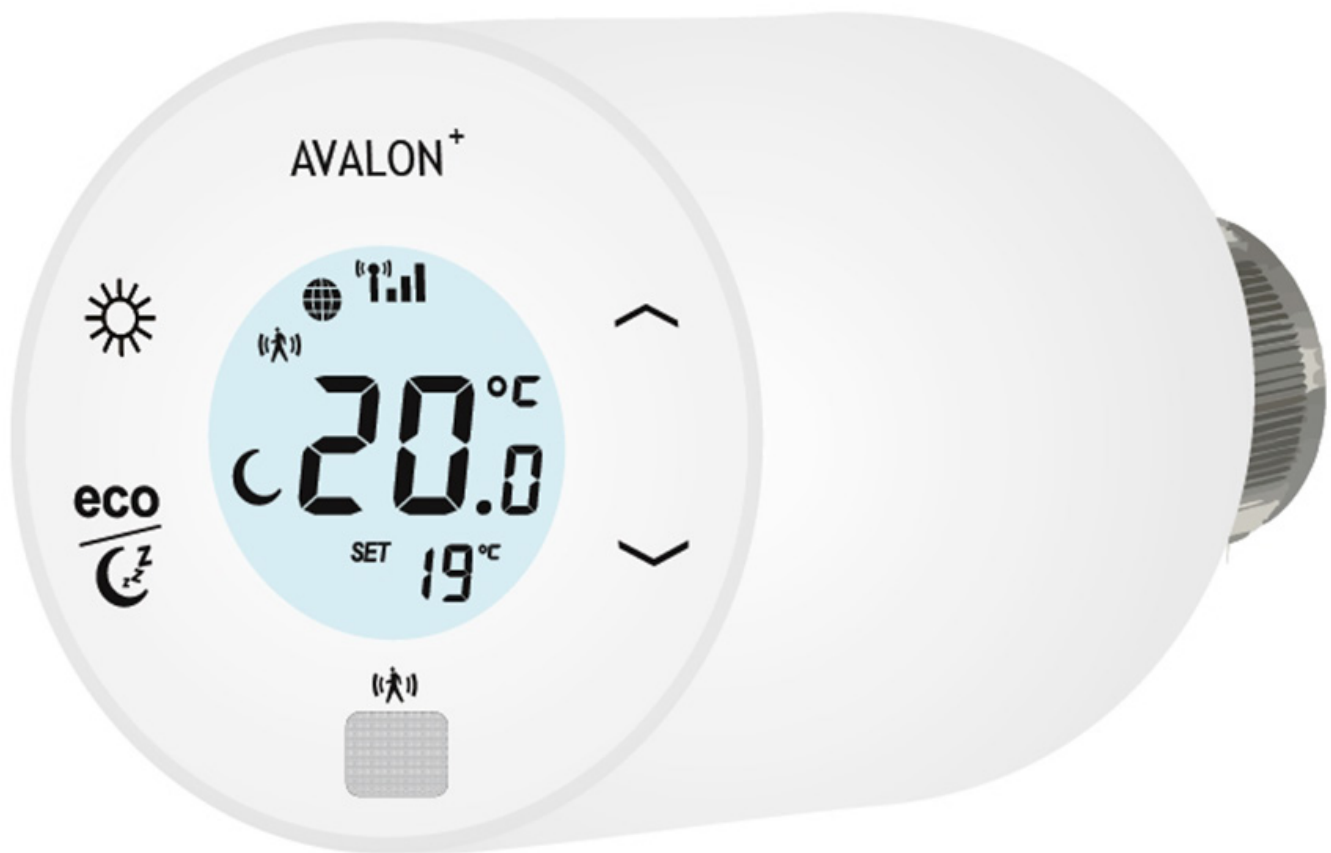
AVALON+

Data sheet

Brief description:

Wireless radiator thermostat for direct connection to the thermostatic valve M 30 x 1.5mm, for controlling the radiators. With TÜV-certified procedure for independent and self-learning dynamic hydraulic balancing of single and two-pipe heating systems. In conjunction with Gateway GT-100.

Avalon⁺



Item number: AP-3977

Properties

- Radio radiator thermostat for controlling the radiators
- For direct connection to thermostatic valves with threaded connection M30 x 1.5 mm
- Room temperature display directly on the thermostat
- Room thermostat is equipped with motion sensors
- Advanced touchpad technology
- Backlit display
- Battery version, 2 x Mignon AA 1.5 V
- Up to 20 thermostats can be controlled via one gateway
- With window opening detection
- In conjunction with Gateway GT-100
- Even in the event of an Internet failure, the thermostats continue to communicate with each other, only control via App is not possible
- Data protection: All data is stored exclusively in your personal gateway
- Easy and convenient to use and install

Scope of application

Avalon+ radiator thermostat

Wireless radiator thermostat for controlling the radiators. With TÜV-certified procedure for independent and self-learning dynamic hydraulic balancing of single and two-pipe heating systems. In conjunction with Gateway GT-100.

Gateway GT-100

To control Avalon+ via the Internet, simply and conveniently using the blossomic app. The blossomic -App is available for all smartphones and tablets with iOS and Android.

Radio Frequency Communication

- blossomic RF: 2.4GHz, ISM Band, 16 channels
- Range: up to 50 m in buildings
- Technology blossomic RF: 2.4 GHz radio with 250kbps, offset quadrature, data in 5.0 MHz channels

Technical data

Technical data - Avalon+ thermostat

• Target value range	6 ~ 30°C
• Ambient temperature	0 ~ 50°C
• Ambient humidity	85% (non-condensing)
• Holding	2x Mignon AA 1.5V, battery
• Dimension	L110 x Ø 58 mm
• Connector	M 30 x 1,5 mm
• Wireless frequency	2.4GHz, ISM Band, 16 channels
• Protection class	IP 30
• RF-Test	RED 2014/53/EU
• CE	Available
• RoHs	Available

blossomic Smart Home System with TÜV-certified procedure for independent and self-learning dynamic hydraulic balancing of single and two-pipe heating systems.

- Unique method - fully automatic, independent and adaptive
- No intervention in existing pipeline network and hydraulics necessary
- Short assembly times
- Up to 30% energy saving
- TÜV certified

Please note: The sensor must not be covered.
Functional range of the sensor = 110° functional cone.

blossom-ic



intelligent controls

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