



# 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: C-3552+

## 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
- Backlit display
- Battery version, 2 x Mignon AA 1,5 V
- With window opening detection.
- Up to 20 thermostats can be controlled via a gateway.
- 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 Heizkörperthermostat

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)
• Power	2x Mignon AA 1.5V, Batterie
• Dimension	L100 x B65 x H70 (mm)
• Connection	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, autonomous 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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