



TRV Comet Zigbee

Comet ZigBee is an energy-saving radiator thermostat compatible with the ZigBee wireless standard. Comet ZigBee uses the Home Automation Profile 3.0 as a radiator thermostat as an HVAC-compatible end device.

Depending on the mode, the energy-saving radiator thermostat can be used as a heating thermostat or act purely as an actuator when control is deactivated. The temperature measured by the internal sensor or the position of the valve actuator can be reported back to the corresponding gateway via ZigBee.

Technical data

Supply voltage:	2x 1.5 V LR6 / AA- battery
Adjusting force:	>100 N
Medium temperature at the valve:	+20°C bis +120°C
Battery life:	approx. 2 years (Battery life varies depending on use and network properties)
Dimensions (WxHxD):	62 x 68 x 82 mm
Weight:	162 g (inkl. battery)
Installation:	M30x1.5 mm, RA, RAV, RAVL valves (Metal adapter available for other valves)
Protection class:	IP20
Area of application:	Indoor
Scope of delivery:	Comet Zigbee actuator, operating instructions, adapter set (RA, RAV, RAVL), 2x 1.5 V AA battery

Radio technology

Communication:	Zigbee
Frequency range:	2.4 GHz
Duty-Cycle:	1%/h
Maximum transmission power:	+8 dBm

Ambient conditions

Ambient temperature:	0 to +50°C
Ambient humidity:	0 to 95 %
Storage and transport conditions:	Temperature -20°C to +80°C Relative humidity max. 95%

Functions

- Daily or weekly times individually programmable
- Manual adjustment possible at any time via sensor buttons on the thermostat
- Window open detection
- Automatic summer/winter time changeover
- Holiday function
- Child lock
- Heating and economy times individually adjustable
- Frost protection function
- Limescale protection function

