Shelly BLU TRV V2

Smart radiator thermostat



EAN code, 1x pack: 3800238074746
EAN code, 2x pack: 3800238074920
EAN code, 3x pack: 3800238074937

Product description

The Shelly BLU TRV V2 is a smart radiator thermostat for room-by-room heating. An adaptive control algorithm holds the target temperature to ±0.1 °C, and an enhanced motor keeps valve movement quiet. Two modes: TRV mode with automatic temperature control, or manual valve control as a percentage. Boost opens the valve fully for a fast warm-up.

V2 ships as the thermostat only. The built-in sensor lets it run autonomously; Wi-Fi and remote access run through any Shelly Gen3 or Gen4 device with Bluetooth gateway functionality, or a BLU Gateway Gen3 (EAN 3800235261934) – required only to link external BLU H&T and Door/Window sensors.

Fits M30 x 1.5 valves directly; other types need the adapters set (EAN 3800238074760). Adapters and gateway sold separately.

Technical data

Physical	
Size (H x Ø):	78 x Ø54 mm / 3.07 x Ø2.13 in
Weight:	107 g / 3.77 oz
Mounting:	M30 x 1.5, nickel-plated brass ring
Shell material / color:	Plastic / White
Box dimensions:	1x 58 x 58 x 85 mm, 2x 116 x 58 x 85 mm, 3x 174 x 58 x 85 mm
Environmental	
Ambient working temperature:	-20 °C to +60 °C / -4 °F to 140 °F
Humidity:	25 % to 80 % RH
Control:	±0.1 °C, adaptive algorithm, built-in sensor TRV mode or manual valve control (%)
Electrical	
Power supply:	•2 x AA 1.5 V batteries (included)
Estimated battery life:	Up to 2 years
Bluetooth:	5 (LE), 2402-2480 MHz, < 8 dBm Range 10 m indoors / 30 m outdoors
Zigbee:	3.0 (802.15.4), 2405-2480 MHz, < 8 dBm BTHome, simultaneous Zigbee + Bluetooth