




## Comparison of Homematic IP Radiator Thermostats

Comparison criteria	Radiator Thermostat – Evo <i>The evolution of smart heating</i>	Radiator Ttermostat <i>The Bestseller</i>	Radiator Thermostat – basic <i>The starter model</i>
Short description	<b>HmIP-eTRV-E</b>	<b>HmIP-eTRV-2</b>	<b>HmIP-eTRV-B-2</b>
Product image			
Heating cost savings of up to 33 %	✓	✓	✓
Thread size M30 x 1,5 mm	✓	✓	✓
Connection Nut	Metal nut	Metal nut	Plastic nut
Supply voltage	Batteries (2x 1,5 V LR6/Mignon/AA)	Batteries (2x 1,5 V LR6/Mignon/AA)	Batteries (2x 1,5 V LR6/Mignon/AA)
Battery life in years (typ.)	2	2	2
Dimensions (W x H x D)	53 x 55 x 94 mm	58 x 71 x 97 mm	57 x 68 x 102 mm
Weight (incl. batteries)	190 g	205 g	185 g
Typ. radio free-field range	230 m	300 m	250 m
Radio frequency band	868,0-868,6 MHz 869,4-869,65 MHz	868,0-868,6 MHz 869,4-869,65 MHz	868,0-868,6 MHz 869,4-869,65 MHz
Display	✓ Illuminated LED-Display	✓ Illuminated LC-Display	✓ LC-Display
Display direction adjustable	✓	No	No
Number of heating profiles	3	3	1 (when programmed on the device) 3 (when programmed via App)
Boost function	✓	✓	✓
Holiday mode	✓	✓	✓
Whisper mode	Not required, as already low-noise in operation	✓	No
Eco mode	✓	✓	✓
Open-window detection	✓	✓	✓
Automatic frost protection	✓	✓	✓
Valve protection function (descaling)	✓	✓	✓
Programmable operation lock	✓	✓	✓
Mechanical operation lock	No	No	No
Battery compartment lockable	No	No	No
Dismounting protection	Available as accessory	Available as accessory	No
Cloud operation with access point supported	✓	✓	✓
Local operation with CCU3 supported	✓	✓	✓
Operation on the device supported	✓	✓	✓
Programming on the device supported	No	No	✓
Max. number of radiator thermostats (per room)	8	8	8
Max. number of connectable window contacts (per room)	8	8	8
Compatible with Amazon Alexa	✓	✓	✓
Compatible with Google Assistant	✓	✓	✓