

| Comparison criteria                                | Radiator Thermostat – Evo<br><i>The evolution of smart heating</i> | Radiator Thermostat – flex<br><i>The flexible model</i>         | Radiator Thermostat<br><i>The bestseller</i> | Radiator Thermostat – basic<br><i>The entry-level model</i>     |
|--|--|---|--|---|
| Product image                                      | <br>reddot winner 2021   |   |  |   |
| Short description                                  | HmIP-eTRV-E / HmIP-eTRV-E-S / HmIP-eTRV-E-A                        | HmIP-eTRV-F   | HmIP-eTRV-2                                  | HmIP-eTRV-B-2   |
| Heating cost savings of up to 33%                  | ✓  | ✓   | ✓  | ✓   |
| Thread size M30 x 1.5 mm                           | ✓  | ✓   | ✓  | ✓   |
| Connecting nut                                     | Metal nut  | Metal nut   | Metal nut                                    | Plastic nut   |
| Supply voltage                                     | Battery (2x 1.5 V LR6/Mignon/AA)                                   | Battery (2x 1.5 V LR6/Mignon/AA)                                | Battery (2x 1.5 V LR6/Mignon/AA)             | Battery (2x 1.5 V LR6/Mignon/AA)                                |
| Battery life in years (typical)                    | 2  | 3   | 2  | 2   |
| Dimensions (W x H x D)                             | 53 x 55 x 94 mm  | 53 x 52 x 94 mm   | 58 x 71 x 97 mm                              | 57 x 68 x 102 mm  |
| Weight (incl. batteries)                           | 190 g  | 180 g   | 205 g  | 185 g   |
| Typical Range in open space                        | 230 m  | 250 m   | 300 m  | 250 m   |
| Radio frequency band                               | 868.0-868.6 MHz<br>869.4-869.65 MHz                                | 868.0-868.6 MHz<br>869.4-869.65 MHz                             | 868.0-868.6 MHz<br>869.4-869.65 MHz          | 868.0-868.6 MHz<br>869.4-869.65 MHz                             |
| Display  | ✓ Illuminated LED display  | ✓ E-paper display   | ✓ Illuminated LC display                     | ✓ LC display  |
| Adjustable display orientation                     | ✓  | ✓   | no   | no  |
| No. of heating schedules                           | 3  | 1 (when programmed on the device)<br>3 (when programmed by app) | 3  | 1 (when programmed on the device)<br>3 (when programmed by app) |
| Boost function                                     | ✓  | ✓   | ✓  | ✓   |
| Holiday mode                                       | ✓  | ✓   | ✓  | ✓   |
| Whisper mode                                       | No, because quiet in operation                                     | ✓   | ✓  | no  |
| Eco mode   | ✓  | ✓   | ✓  | ✓   |
| Open-window detection                              | ✓  | ✓   | ✓  | ✓   |
| Automatic frost protection                         | ✓  | ✓   | ✓  | ✓   |
| Valve protection function (descaling)              | ✓  | ✓   | ✓  | ✓   |
| Programmable operation lock                        | ✓  | ✓   | ✓  | ✓   |
| Mechanical operation lock                          | no   | no  | no   | no  |
| Lockable battery compartment                       | no   | no  | no   | no  |
| Disassembly protection                             | Available as accessory   | Available as accessory  | Available as accessory                       | no  |
| Cloud operation with access point supported        | ✓  | ✓   | ✓  | ✓   |
| Local operation with CCU3 possible                 | ✓  | ✓   | ✓  | ✓   |
| Local operation on device supported                | ✓  | ✓   | ✓  | ✓   |
| Programming directly on the device supported       | no   | ✓   | no   | ✓   |
| Max. no. of radiator thermostats (per room)        | 8  | 8   | 8  | 8   |
| Max. no. of window contacts to be added (per room) | 8  | 8   | 8  | 8   |
| Compatible with Amazon Alexa                       | ✓  | ✓   | ✓  | ✓   |
| Compatible with Google Assistant                   | ✓  | ✓   | ✓  | ✓   |