



Product Features

- thermostatic balancing valve for hydraulic balancing of very short circulation circuits from $kv\text{-min} \geq 0.05$
- for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection
- wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water
- PTFE seat gasket
- maintenance-free EPDM spindle seal
- thermostatic balancing unit
- plastic shaft can be shortened
- can be extended with optional extension kit
- press connection for Geberit MAPRESS pipe
- chrome-plated cap with allen socket for 6 mm allen key under purple identification plate
- free from dead spots
- with isolating, balancing and pre-setting function

Standards and Approvals

- DVGW approval
- ÖVGW approval
- SVGW approval
- plastic parts with KTW and W 270 approval
- for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300
- according to accepted materials list from German environmental agency
- ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

Technical data

- max. installation depth 110 mm
- control range 56 °C - 58 °C
- pressure rating PN 16
- max. operating temperature 90 °C

| Part no. | DN | A1 (mm) | D1 (mm) | D2 (mm) | H1 (mm) | H2 (mm) | H3 (mm) | H4 (mm) | L1 (mm) | SW1 (mm) | T1 (mm) | Z1 (mm) | Z2 (mm) | Z3 (mm) | cv (m³/h) |
|------------|----|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|-----------|
| 5420201500 | 15 | 15 | 38.5 | 70 | 110 | 35 | 45 | 23.5 | 151.5 | 19 | 20 | 57 | 54 | 111 | 0.4 |
| 5420201800 | 15 | 18 | 38.5 | 70 | 110 | 35 | 45 | 23.5 | 154 | 19 | 20 | 59 | 55 | 114 | 0.4 |

| Part no. | kg |
|------------|------|
| 5420201500 | 0.86 |
| 5420201800 | 0.89 |

Accessories

- insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14
- fixing set UP-PLUS, figure 597 00
- UP-PLUS extension set, figure 599 00
- hexagon socket key, size 19, figure B5120 599 00
- FROSTI® socket key, figure 578 00 004

Spare parts

- Balancing bonnet 56-58°C for ETA-THERM thermostatic balancing valve, figure E0109 540 00
- control spindle for flush-mounted valves UP-PLUS, figure P0100 560 00
- Operating cover for ETA-THERM thermostatic balancing valve, figure 591 01 015