

Used materials

With the purchase of our components for the single circulation you decided for a patented quality product of Germany.

The components of our single circulation were developed particularly for the employment in the domestic potable water supply. All in our products used materials are certified therefore for the employment in the drinking water supply.

Below you find a list of all used materials:

Used materials in the circulation valves ZR-S RD, ZR-P RD

- casing - Brass MS63 (Cu Zn 36 Pb2 As) chrome-plated
- All Springs - V2A stainless (x 12 CrNi 177, DIN 17224, W.Nr. 1.4310)
- Interior turned parts - Brass MS 63 (Cu 76 Zn 21 Si 3)
- Thermostat - domestic potable water (already used in thermalstatic mixing taps)
- Piston of thermostat - V2A stainless (x 12 Cr Mo S17, DIN 17440, 1.4104 1.4105)
- Breaker plate - V2A stainless (1.4571, x 6 Cr Ni Mo Ti 17-12-2 DIN 17441)
- O-rings - EPDM-Quality (for drinking water suitably)
- Valve unit - Brass MS 63 (Cu Zn 37, DIN 20321)
- T-pieces - Brass MS 58 (Cu Zn39 Pb3 DIN 50930-6) chrome-plated
- Flexible hose - Braid - stainless steel AISI 304, proofed with W270, DN6, DN40;
- House - EPDM, biological examination W270 and W543, Status 2003;
Connections - brass nickel-plated

Used materials in pump unit ZPE 1"

- Casing - Cast brass GMS 63 (Cu Zn 63 Pb 3)
- Circulation pump - Vortex, type series BW 152
- O-rings - EPDM quality (for drinking water suitably)
- return flow inhibitor - Fa. Neoperl (for drinking water suitably)
- Stop end 1/2" - Brass MS 58 (Cu Zn 58 Pb) with copper seal
- Fittings with O-ring seal 3/4"-22 mm - Brass (EN 1254-2, Seal EN 549)

