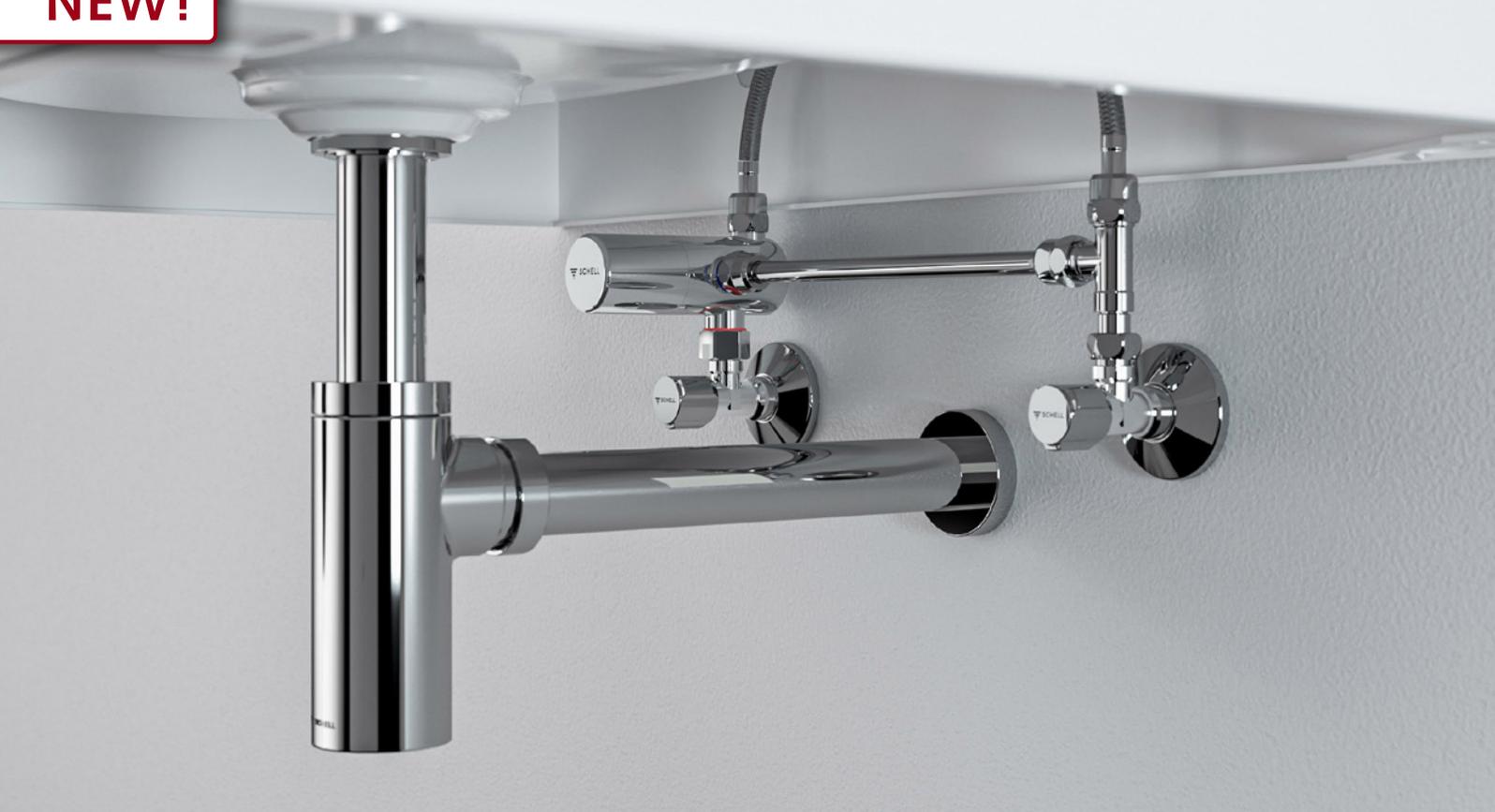


NEW!



Angle valve thermostat.
By SCHELL.

SCHELL angle valve thermostat.

Safe anti-scalding protection with universal applicability.

The new SCHELL angle valve thermostat guarantees reliable anti-scalding protection for high-risk application scenarios such as childcare facilities, nursing homes or hospitals. The new thermostat not only ensures safe drinking water hygiene by supporting thermal disinfection but is easy to install even under narrow installation conditions due to its practical design.

Product description:

- Thermostatic fitting with anti-scalding protection and draw-off temperature setting option
- For installing on angle valves with G 3/8 outlet
- Thermostat conforms to EN 1111 with hot water stop no more than 3 s after failure of cold water
- Backflow preventer on cold/hot water supply line (type EB, EN 1717)
- Includes 2 sieve seals with filter (250 µm)
- Individual temperature adjustment
- Thermal disinfection possible

Technical data:

- Temperature stability: 65 °C, max. 80 °C (temporarily)
- Temperature configured as supplied: 38 °C +/- 2 K (15 °C for cold water, 60 °C for hot water)
- Flow rate: 13 l/min at 3 bar
- Flow rate class A (EN 1111)
- Nominal pressure: 10 bar
- Materials used conform to German Drinking Water Directive (TrinkwV)
- Finish: chrome

Advantages of thermostat feature:

- Water temperature held constant at up to maximum draw-off temperature
- Safe anti-scalding protection in the event of cold water failure
- Maximum temperature can be set to 38 °C or 43 °C (conforms to DIN EN 806-2)

Safety aspects:

- Tool required for changeover to thermal disinfection. Cover cap can only be fitted after resetting to operating temperature
- User-friendly: after thermal disinfection, the operating temperature originally set is retained

Backflow preventer:

- High level of hygiene safety with backflow preventer (type EB) that prevents cross-flows between PWC and PWH
- Simple maintenance thanks to backflow preventer that can be replaced as required (conforms to DIN EN 806-5)

Installation:

- Space-saving installation thanks to practical design (also for connecting sets), making it suitable for children's wash basins or similar kinds of installations
- Simple installation, thanks to the outlet connectors, which are not positioned in line with one another
- One sealing point less than the previous model



SCHELL angle valve thermostat.

Avoid scalding and other injuries, and falls.

High temperatures are especially dangerous for people who cannot respond quickly to sudden dangers. Alongside the immediate danger caused by hot water in the form of damage to the skin, other risks also arise as a result of trying to get out of harm's way. This can lead to falls and other injuries. As a result, it's easy to see why children or older persons could be at risk here.

Scalding in seconds:

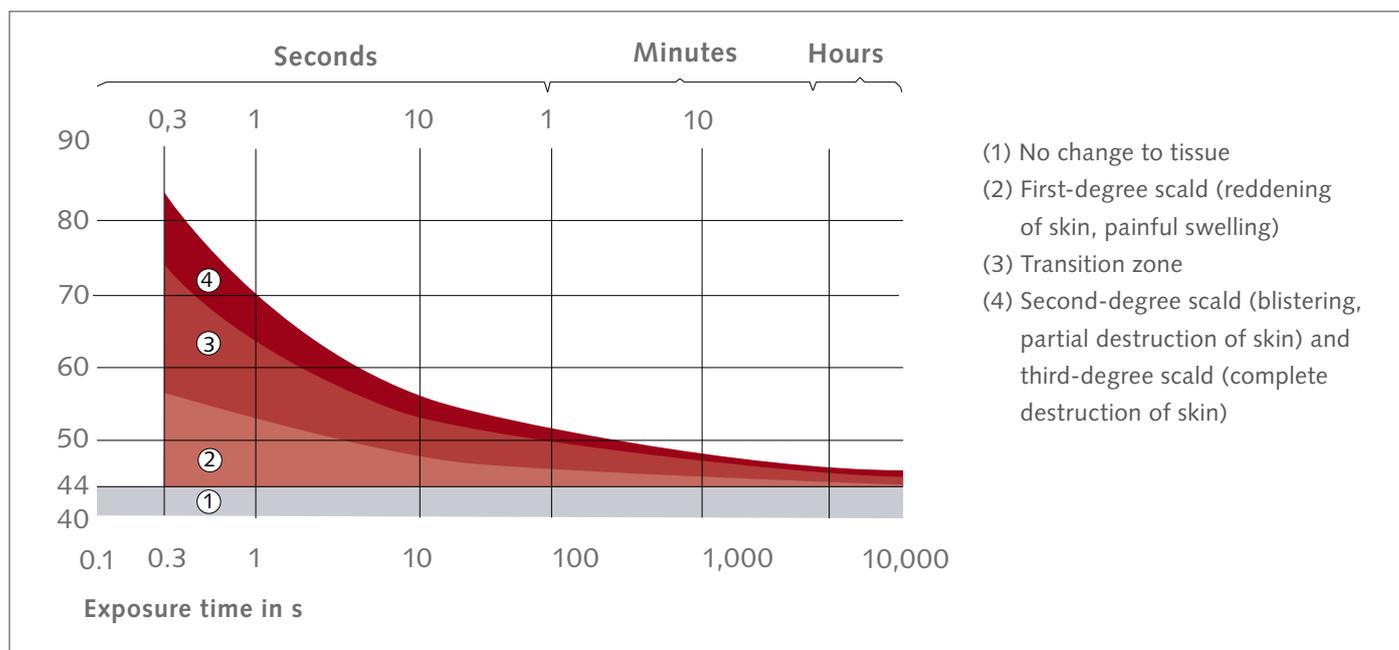
Scald injuries can happen in a matter of seconds. The CEN/TR 16355 technical report, 'Recommendations to prevent Legionella growth in drinking water systems' assumes that children can suffer scald injuries following contact with hot water at 60 °C after as few as 3 seconds, and adults after about 7 seconds. This makes it all the more important to protect high-risk user groups. This is required by the EN 806-2 standard.

Acute cases of scalding resulting in death:

In recent years, reports of serious scalding injuries with fatal consequences have shocked the nursing sector – and healthcare managers in particular – as well as plumbers and fitters.

Those affected were residents of nursing and retirement homes who had suffered severe scalding while showering or taking a bath. The legal and technical focus of the subsequent inquiry into these tragic cases was, as always, on avoidance of similar incidents and who should be held responsible.

Surface temperature of skin in °C (modified acc. to Skiba, 1979)



SCHELL angle valve thermostat

Angle valve thermostat

Art. no. 09 414 06 99

Angle valve thermostat with rigid installation set

Art. no. 09 415 06 99

Angle valve thermostat with flexible installation set

Art. no. 09 416 06 99

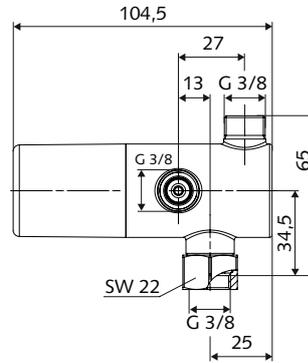
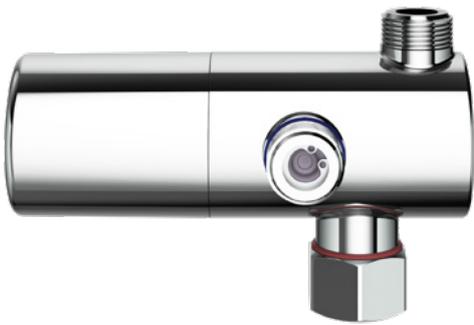
Recommended associated items,
if not ordered as a set

Copper pipe set

Art. no. 04 115 06 99

Hose set

Art. no. 04 116 06 99



Angle valve
thermostat connection
(rigid by means
of copper pipe)



Angle valve
thermostat connection
(flexible with
Clean-Flex S hose)

