



FROST-PROOF OUTDOOR VALVES

- // Intelligent frost damage prevention
- // Site-optimised installation


KEMPER
DRIVING PROGRESS

Hygienically safe

and attractively integrated into the building facade

KEMPER FROSTI® is a permanently installed tapping point for the outside of buildings. The automatic draining function after every shut-off reliably protects the valve from freezing and consequential water damage. Additionally, since the fitting is completely drained, and no residual water is left, there is no risk of germ growth. Any impairment of drinking water hygiene is prevented all year round!

The operating principle



KEMPER FROSTI® opens completely with just two full turns, allowing water to flow through the discharge body.



The valve's design means that it drains fully and automatically after every shut-off. This prevents the valve from freezing and avoids water damage.



Since no residual water is left, there is no risk of germ growth.

Peak performer!

Frost-proof even under extreme conditions, such as in the mountains. The current highest altitude of an installed KEMPER FROSTI® is **3404 m!** (Restaurant in the Pitztal Glacier ski resort, Tirol)



Benefits at a glance

- // Above-average drainage capacity of 40 l per minute at **0.1 MPa (1.0 bar)** flow pressure
- // Protects the building and plumbing from frost damage through the automatic draining process after every use
- // Hygienically safe: no stagnation volume
- // All parts wetted when in closed state are made of gunmetal so can be used for all drinking water qualities

For use during construction:
FROSTI®-PLUS



FROSTI®-PLUS with operating handle,
figure 574 00
socket key operated,
figure 574 03

FROSTI®-PLUS-XL,
figure 574 05



For subsequent installation:
FROSTI®



FROSTI®
socket key operated,
figure 577 02



The assembly kit means the valve can be installed during construction. The discharge body is mounted after the outer wall has been completed.

- // A single end-to-end length for installation depths from 150 to 415 mm (XL version from 150 to 530 mm)*
- // Continuous adjustment to outer wall thicknesses up to 655 mm (XL version up to 770 mm) possible with "extension for FROSTI®-PLUS" (figure 574 00 002)

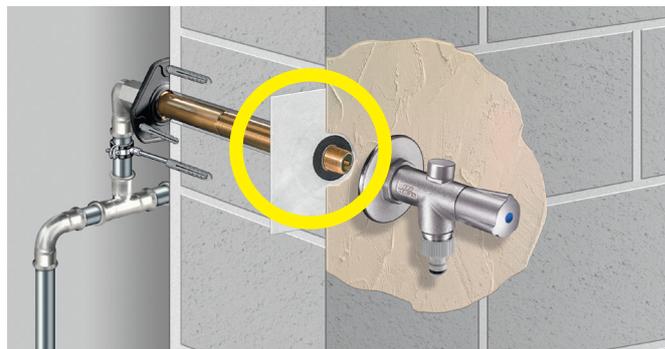
The pre-assembled valve for quick and easy subsequent installation on already finished outer walls. With a total external diameter of only 27 mm and movable collar.

- // For wall thicknesses of 150 to 492 mm, extendable to any length on site
- // Universal R 1/2" connection and 15 mm Cu pipe for soldering and pressing

Accessories for optimal installation



Easily fixed to outer walls with thick insulation using the fixing set part no. 5740000500. Stabilising the tap in the brickwork protects the exterior finish from signs of wear and tear.



FROSTI® sealing sleeve, part no. 5740000600, for fast, reliable sealing against moisture penetration.

* with surface mounting

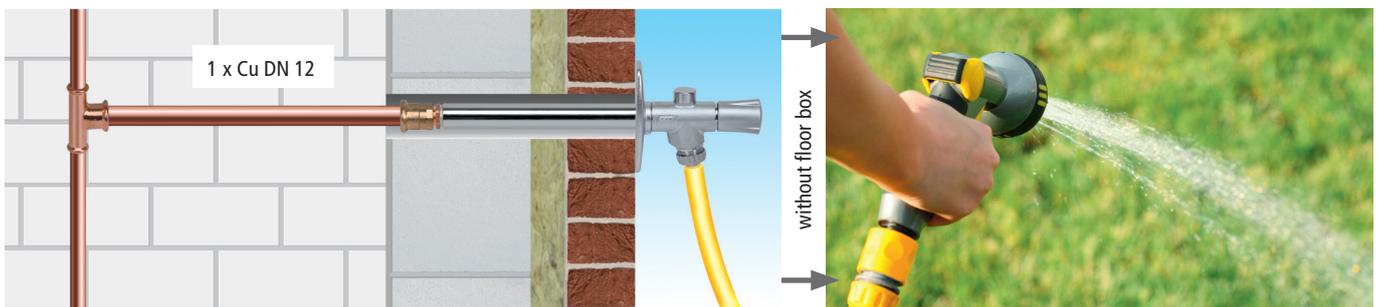
Just in case

the perfect accessories

For supply optimisation

With the KHS floor box, figure 640 50, you can avoid dead legs upstream of the outdoor tap by using a loop installation. The floor box flow splitter ensures automatic water exchange in the loop at every downstream draw-off without any further energy being required.

At the same time, the outdoor tap supply is optimised: when the tapping point in the KHS floor box loop is actuated, water is supplied through both sides of the loop. That means, for instance, that two DN 12 lines are enough to achieve almost the same drainage capacity as a single DN 20 line. That guarantees sufficient supply (drainage capacity of KEMPER FROSTI® approx. 40 l/min at 1 bar flow pressure).



To protect against misuse

Lockable handle, part no. 5750000300, for easy retrofitting of frost-proof outdoor valves.



For larger wall thicknesses

With the extension kit, part no. 5740000200, frost-proof outdoor valves, figures 574 00, 574 03 and 574 05, can be continuously extended by 30 mm up to 120 mm (recommended: max two units).




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