



ZURFLÜH-FELLER



6 STANDARD COLOURS + UNLACQUERED

Matt white E RAL : ~9010 ZF : BJ01	White A RAL : 9016 ZF : BJ 31	Beige C RAL : 1015 ZF : BR 23	Matt Brown K RAL : ~8019 ZF : MA 22	Metal grey RAL : 9006 ZF : GM 01	Anthracite grey RAL : 7016 ZF : GR 32

Zurflüh-Feller has used all its experience and expertise for the HOP roller shutter to develop a concept for a motorised roller shutter with a tilt-out mechanism with innovative functions.

Special components from Zurflüh-Feller together with components from partner suppliers are used to produce the HOP roller shutter.

Contact us for more information about our partner suppliers for motors, laths and rails.

ENERGY SAVINGS

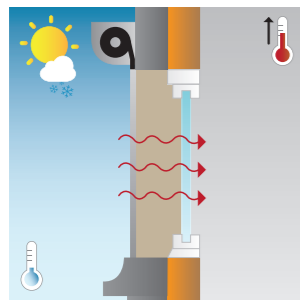
HOP combines the benefits of classic roller shutters and tilt-out roller shutters with good insulation against the cold and good sun protection in summer. This makes it the perfect answer to new thermal regulations.

IN WINTER

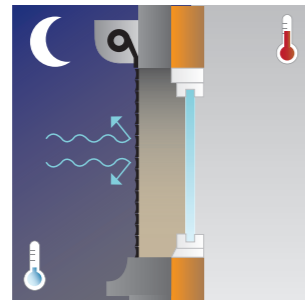
- Opened roller shutter curtain: HOP allows the sunshine in to heat the room.
- Closed roller shutter curtain: excellent heat insulation thanks to the layer of air between the window and roller shutter (6 - 37% energy savings)*.

IN SUMMER

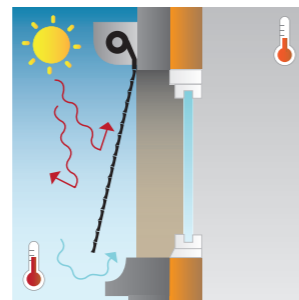
- Closed roller shutter: HOP provides insulation to the room (-5°C)*
- Roller shutter curtain tilted out: HOP provides ventilation and filters the sunshine so that the room does not get too hot while at night, it provides partial coverage and ventilation.



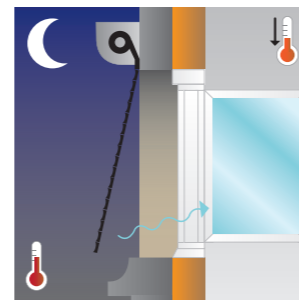
Winter-Day



Winter-Night



Summer-Day



Summer-Night

*Source: SNFPSA study into the effects of roller shutters in terms of energy savings on a model house compared to a bare window

Authorized dealer:



ZURFLÜH-FELLER

Manufacturer of roller shutter components

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IDAHO - www.agence-idaho.com

When **movement** becomes **natural** again



The motorised roller shutter with tilt-out mechanism

THE SPECIAL FEATURES OF HOP



Tilt-out HOP

THE BENEFITS OF ROLLER SHUTTERS

- Complete coverage (darkening of the room).
- Good resistance to break-ins (locking devices, rigid roller shutter curtain made of profiled aluminium).
- Air gap between roller shutter and window.
- Easy installation. Installed like a standard roller shutter. No mechanical connection between rails and curtain box.

THE BENEFITS OF TILT-OUT ROLLER SHUTTERS

- Possibility to control the light coming through the shutter in summer and winter
- Room ventilation
- Privacy: it is possible to see without being seen

HOP is very modern and meets every requirement for energy saving, comfort, security and reliability.

TECHNICAL DATA



Opening angle 18°

HOP RENOVATION

TECHNICAL DESCRIPTION

- Box size: 150 mm
- Box design: quarter round or 45°
- Minimum dimensions: W 900 x H 1200
- Maximum dimensions: W 1800 x H 1800
- Profiled aluminium laths with a thickness of 8 - 10 mm and width of 37 - 44 mm.
- 1 radio motor: 220 V - 50 Hz
- Choice of 6 standard colours + unlacquered
- Installation as for renovation shutters
- Available in quarter round or 45° versions

AS AESTHETIC AS A CLASSIC ROLLER SHUTTER:

- No visible breaks, no visible hinges. The entire rail is swung out thanks to the installation frame system.
- Invisible, retractable stoppers and completely retracted endslat in the upper position.
- Low space requirement: the width of the preframe together with the rail is the same as the width of a standard rail.

EASE OF USE



100% electrical tilt-out frame with just one motor. Remote control for moving up and down and tilting out. The window does not have to be opened to tilt out the shutter.



Limited risk of jamming.



Can be tilted out regardless of the position of the shutter.



If it hits an obstacle as it is being tilted out, the roller shutter will stop and return to its bottom limit position.



The shutter can be opened and closed when tilted out.



If it hits an obstacle while it is being lowered, the roller shutter curtain will stop and then moves up a few centimetres.



The motor does not exert any force to close the shutter. It is controlled by a mechanical system.



A "favourite position" can be set: the roller shutter curtain will move to your favourite position at the touch of a button on the remote control.



Opening angle 18°

HOP NEW BUILD

TECHNICAL DESCRIPTION

- End cap size: 150 mm
- Minimum dimensions: W 900 x H 1050 (without box)
- Maximum dimensions: W 1800 x H 1650 (without box)
- Profiled aluminium laths with a thickness of 8 - 10 mm and a width of 37 - 44 mm.
- 1 radio motor: 220 V - 50 Hz
- Choice of 6 standard colours + unlacquered
- Installation for new build and traditional

