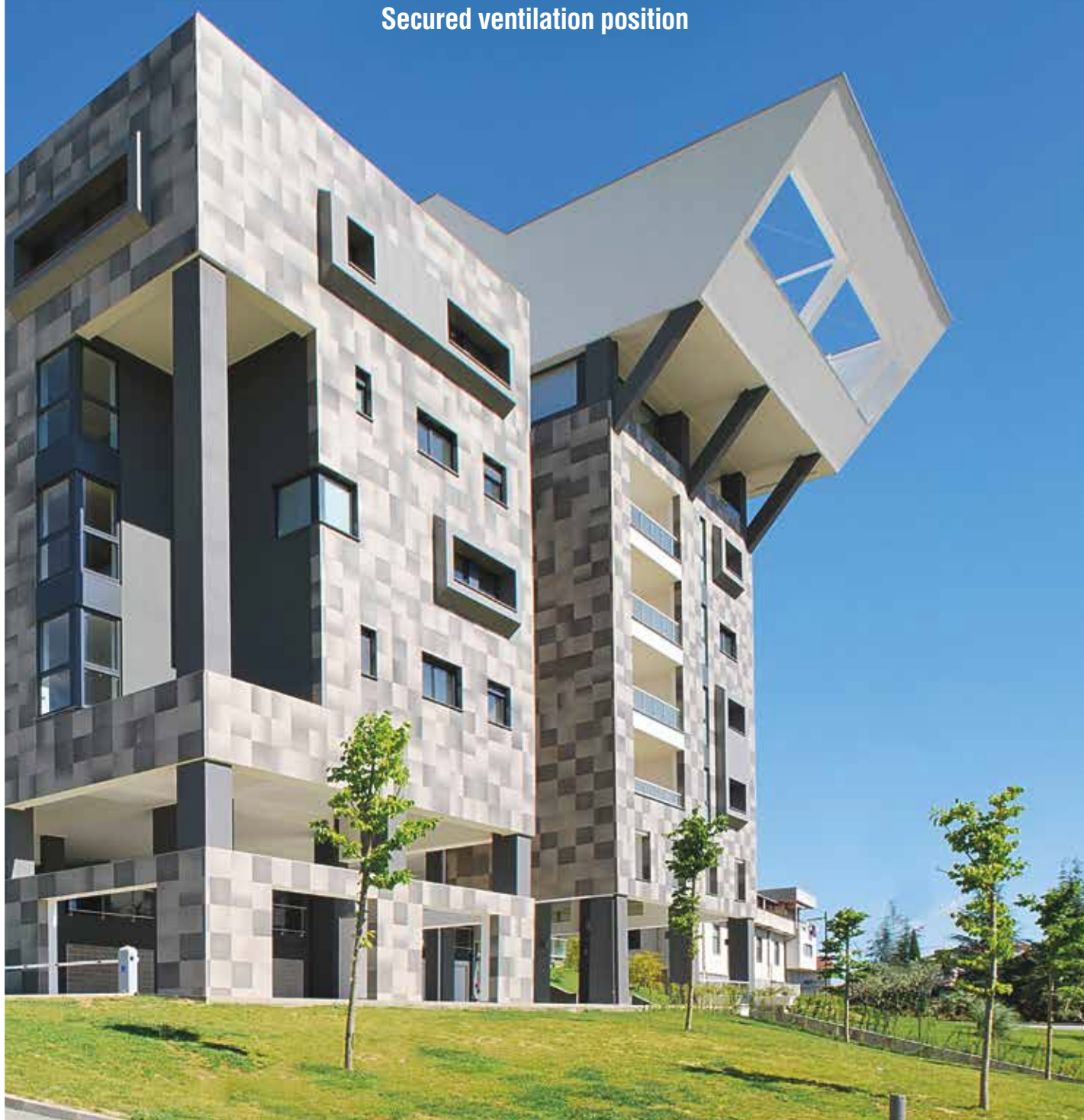


MACO MULTI SECUAIR

Secured ventilation position



MULTI TURN-ONLY AND TURN&TILT HARDWARE

A man with grey hair and a beard, wearing a light-colored button-down shirt, is embracing a woman with blonde hair wearing a blue denim shirt. They are standing outdoors in front of a house with a red roof. The man is looking towards the camera with a slight smile, and the woman is smiling broadly.

SECURE TILTING

Leave the house feeling safe and secure with tilted windows. No need to worry about uninvited guests or a sudden rainstorm. With its reduced tilt depth, the secured ventilation position provides security and energy-efficient ventilation. It is ideal for modern lifestyles, as it provides continuous ventilation and a constant indoor climate when the occupants are away for extended periods and for building shells with increased air tightness. Do you want to provide ventilation when occupants are away but still benefit from the security offered by burglaryresistance grade RC 2? The solution is: MACO MULTI SECUIR



CLOSED



OPEN

SECURE VENTILATION FOR GREATER THERMAL AND VISUAL COMFORT

With just one extra item, MACO MULTI SECUIR extends the range of tilting options and provides secure ventilation. In addition to the familiar tilting at the full tilt depth in the additional 135° handle position, a reduced tilt opening via the familiar 180° position is now possible.

In this position, the sash is tilted a maximum of 10 mm from the frame at the top, while at the bottom it remains anchored in the frame and prevents the ingress of rain water. The small volume ensures sufficient fresh air supply with low energy loss. The reduced ventilation position enables homes to be ventilated with complete security when occupants are away.



SECURE VENTILATION



TILTING AT FULL TILT DEPTH

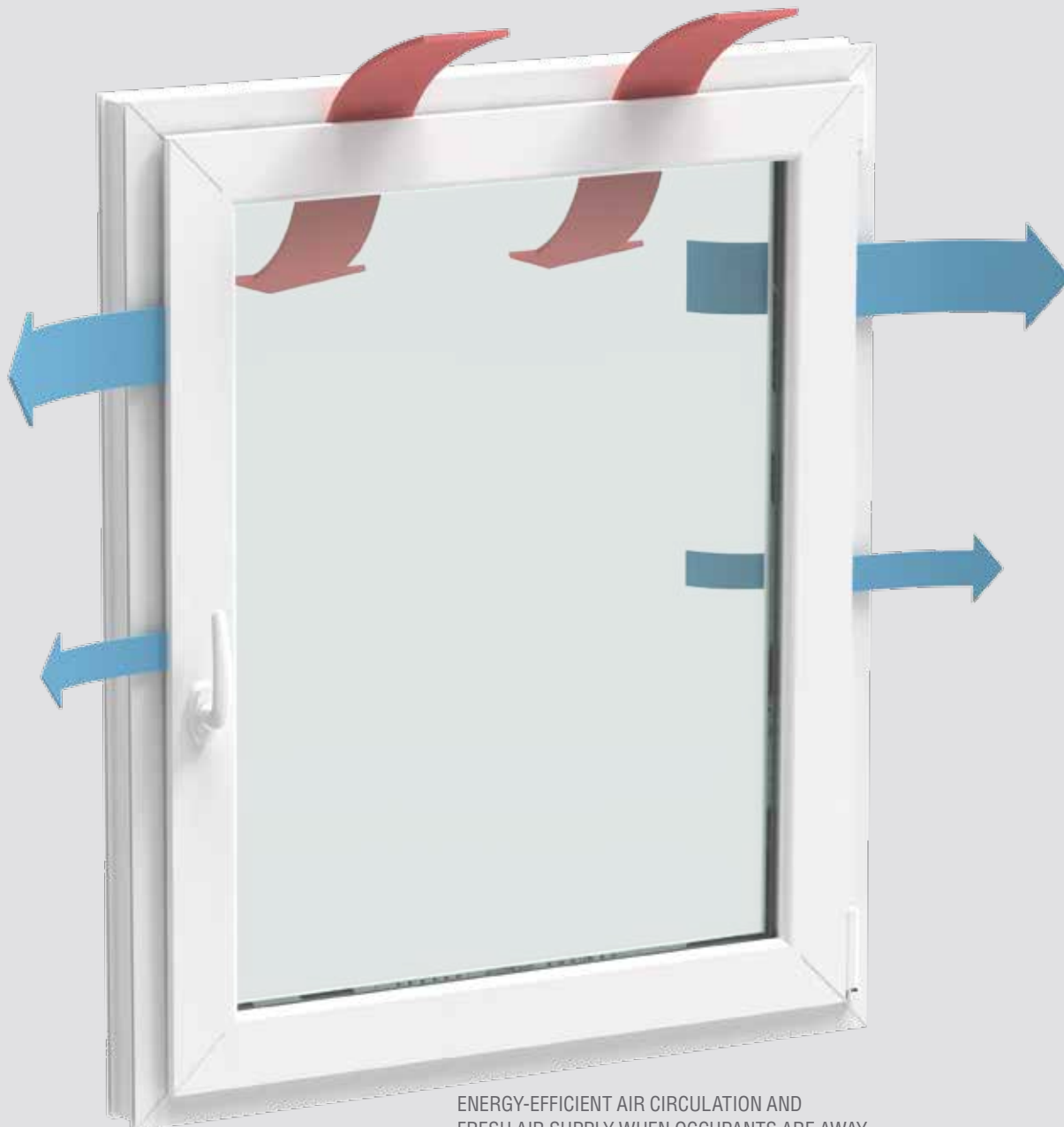


YOUR ADVANTAGES AS A WINDOW MANUFACTURER

- Extend your product portfolio
- No need for a separate hardware range
- Unique hardware combination for all sizes
- Easy fabrication thanks to detailed assembly instructions
- Profile can be adapted on request
- No adjustment work needed on the GL striker plates
- High quality striker plate made of Zamak (zinc aluminium alloy)
- Customer logo can be added to cover caps
- Low stockholding costs as this function can be realised with just one additional item



VENTILATION WITH RC 2
THE SASH PROTRUDES 10 MM
AT THE TOP: AIR FLOWS IN,
RAINWATER IS KEPT OUT.



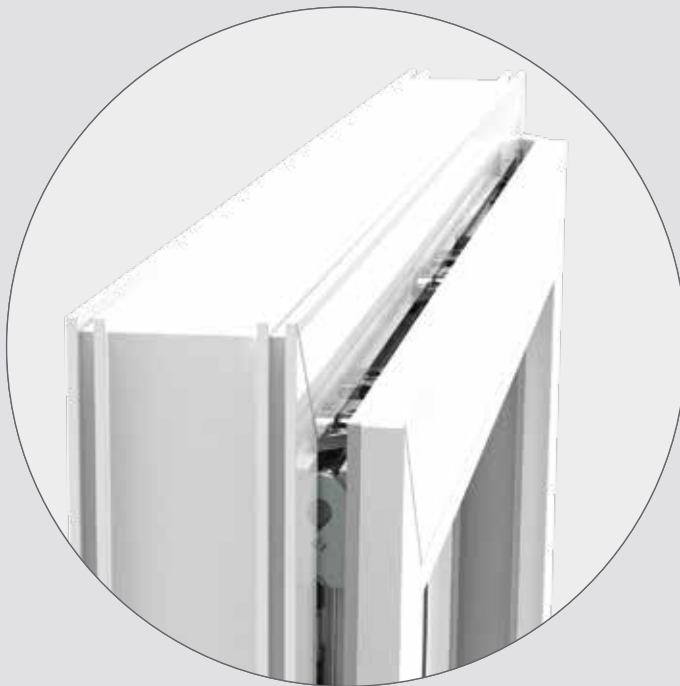
ENERGY-EFFICIENT AIR CIRCULATION AND
FRESH AIR SUPPLY WHEN OCCUPANTS ARE AWAY

BENEFITS FOR THE END USER

Protection and convenience

- Unique, additional window function for secure ventilation
- Familiar operation of the window with additional handle position
- Secure ventilation position protects against water ingress when occupants are away
- Energy-efficient air circulation and fresh air supply when occupants are away
- Incoming air is pre-heated in the reduced ventilation position
- No draught (with reduced ventilation position), as the sash does not stick out all the way around
- Anti-slam device for both ventilation positions
- Security class RC 2 in accordance with EN 1627 possible
- Optionally available with extremely corrosion-resistant TRICOAT-PLUS surface protection (on request)





PRODUCT DESCRIPTION

Technical application range

- Max. sash weight 120 kg (depending on hinge-side)
- For the MULTI-MATIC hardware range (cannot be combined with tilt lock bolt)
- For single-sashed windows/casement doors
- For rectangular turn&tilt units
- For casement doors with circumferential frame profiles
- For timber and PVC
- Application ranges
S.R.W 601-1.300 mm
S.R.H 661-2.600 mm
- Tilt depth in conventional ventilation position approx. 120 – 128 mm, depending on the hinge-side used
- Tilt depth in secured ventilation position approx. 10 mm
- Security handle with 135° position required for RC security
- For all visible hinge-sides
- For profile systems with 12 mm air gap
- For systems with 13 mm offset of the hardware axis
- Minimum rebate depth 30 mm
- Setting range for height, side and gasket compression according to hinge-side used
- Practical value for ventilation for 1.000 x 2.250 mm format: 86 m³/h at 2 Pascal





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Order No. 757307EN – Date: June 2016
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