

# ClimaTop III LIGHT 3

The lightweight, 3-pane energy-saving glass



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## ClimaTop III LIGHT 3 – THE LIGHTWEIGHT, 3-PANE ENERGY-SAVING GLASS

The invisible insulation of the glazing improves the thermal efficiency of the building. The smart 3-pane thermal insulation glass is only as thick as 2-pane insulating glass. Only the glass itself will be replaced, existing window frames can be maintained.

Built with safety



# Lower energy and heating costs – with the lightweight, 3-pane energy-saving glass



2-pane insulating  
glass

**ClimaTop** III LIGHT 3



## Technical Data

**U<sub>g</sub> value in W/m<sup>2</sup> K** (as per EN 673)  
Nominal value up to 0.8 W/m<sup>2</sup> K

**Light transmission in %**  
(as per EN 410) up to 75%

**g value**  
(Solar factor as per EN 410) up to 0.55

With the OIB Guideline 6 “Energy saving and heat insulation”, Austrian building legislation demands high standards on the energy efficiency of window and façade constructions.

Thermal properties of buildings can be considerably improved by exchanging 2-pane insulating glass for 3-pane energy-saving glass.

And this is really simple: You only replace the glass, the window frames are maintained – and your invisible thermal insulation is ready. In this way, your customers won’t pour their money down the drain in their heating bills anymore!

## Benefits of ClimaTop III LIGHT 3

- Efficient thermal insulation (0.8 W/m<sup>2</sup> K)  
(with krypton gas 0.7–0.5 W/m<sup>2</sup> K)  
(with argon gas 1.0–0.8 W/m<sup>2</sup> K)
- Passive solar gains (55%)
- Low overall glass thickness (24–28 mm)
- Low weight (only 20 kg per m<sup>2</sup>)
- Lower load on the frame profile
- High daylight yield (75%)
- Reduced risk of condensation
- Glass compounds fit common folding constructions

## U<sub>g</sub> values in W/m<sup>2</sup> K (EN 673) for ClimaTop III LIGHT 3

	3-8-2TVG-8-3	3-10-2TVG-8-3	3-10-2TVG-10-3
with argon gas	1.0	0.9	0.8
with krypton gas	0.7	0.6	0.5





## Benefits to you as a glass processor

- Improves overall energy efficiency of the building
- The glass can be exchanged quickly – and at any time
- Raise your margin with high-quality, energy-saving glass
- Your employees carry 25% less weight
- Easy handling during glazing and assembly
- This innovative energy-saving product broadens your product and service offering
- Lead the way in climate protection
- Win new customers with energy-saving glass



## The 8 best selling points for your customers

- Economical – immediately lowers your heating costs by up to 25%
- Fast and clean – refurbishment can be done in one day – without any dirt
- Much more cost-effective than replacing the complete frame
- Homely atmosphere – increases comfort due to less condensation
- Environmentally friendly – the old window frames stay where they are, the waste glass is disposed of in a sustainable way
- High daylight yield and bright rooms despite increased thermal insulation
- Forward-looking – improved thermal insulation; increases the thermal-energy quality of the building
- Save energy – protect the environment

Thanks to increased brightness and transparency, ClimaTop LIGHT 3 offers completely new possibilities for the preservation of historical buildings.

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