

ALT W62 HS Description

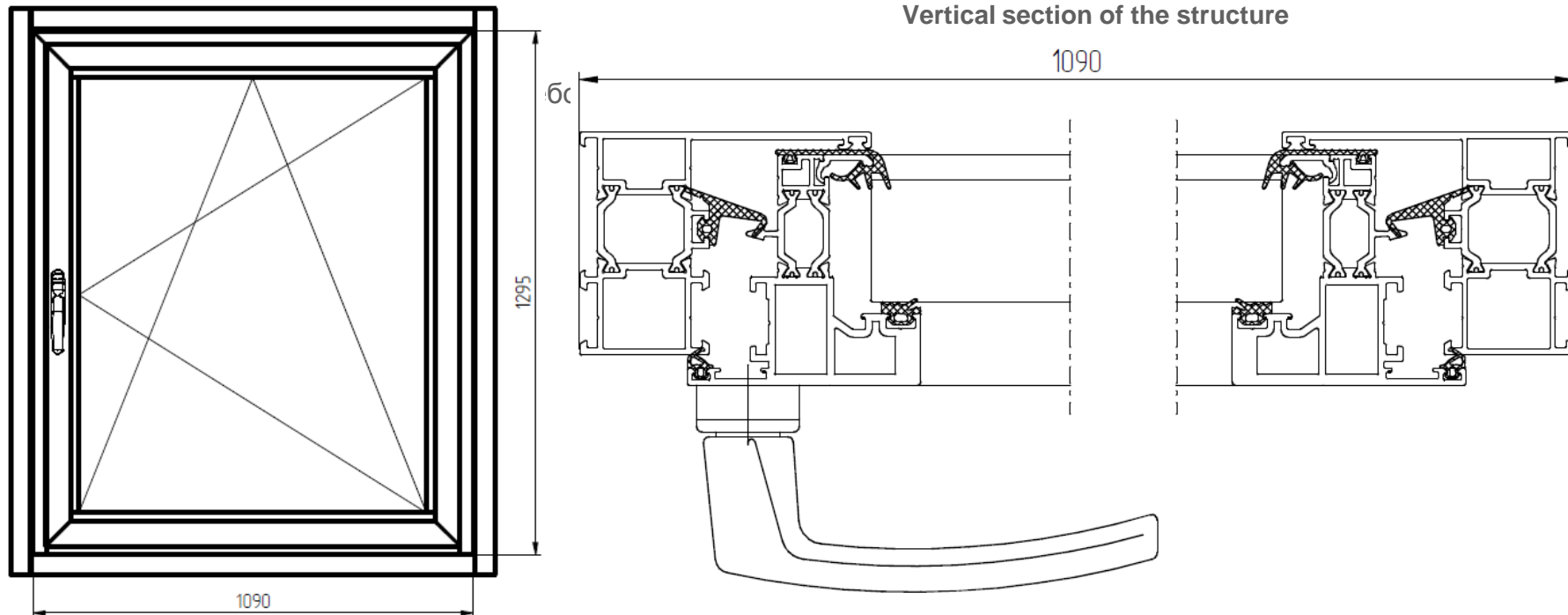
A thermally broken window made with ALT W62 HS <hidden sash> system.

Unit dimensions – 1090x1295 mm (HxL).

Hardware applied – ROTO.

The sash is completely hidden (has same look as fixed frames), the handle with hidden gear and hidden hinges offer architects and designers the widest possibilities to implement their ideas. The use of drain plugs with curtain significantly improves the impermeability.

The ALT W62 HS system is used to make windows and continuous framed glazing. The windows have an excellent thermal performance and maximum glazing area.





Characteristics	Performances
Sound insulation (depending on the infill unit)	up to 43 dB
Thermal insulation, Uf	$\geq 1,76 \text{ W}/(\text{m}^2 \cdot \text{K})$
Air permeability	Class 4
Watertightness	Class E1050
Wind load resistance	Class C5
Frame depth	62 mm
Sash depth	70 mm
Max. infill unit thickness	40 mm
Max. sash weight	up to 150 kg
Max. sash height	up to 3 000 mm
Max. sash width	up to 1 600 mm

Advantages of ALT W62 HS



- Optimized thermal performance;
- Unification of profiles and accessories of the system (stock optimization);
- Easy machining and assemblage;
- Reliability and durability;
- Architecture and design: completely hidden sash;
- The use of EPDM, plastic and foamed components for better tightness, sound insulation and thermal parameters;
- Convenience of integration of windows and doors in the curtain wall system using special frames;
- PVC-groove available;
- Reinforced sash profiles available for larger window dimensions;
- The use of a drain plug with a special curtain to increase the tightness of the system;
- Application of casted crimping corners with an opening for sealant injecting after profiles assemblage and special channels for correct distribution of the sealant inside the aluminium profiles.