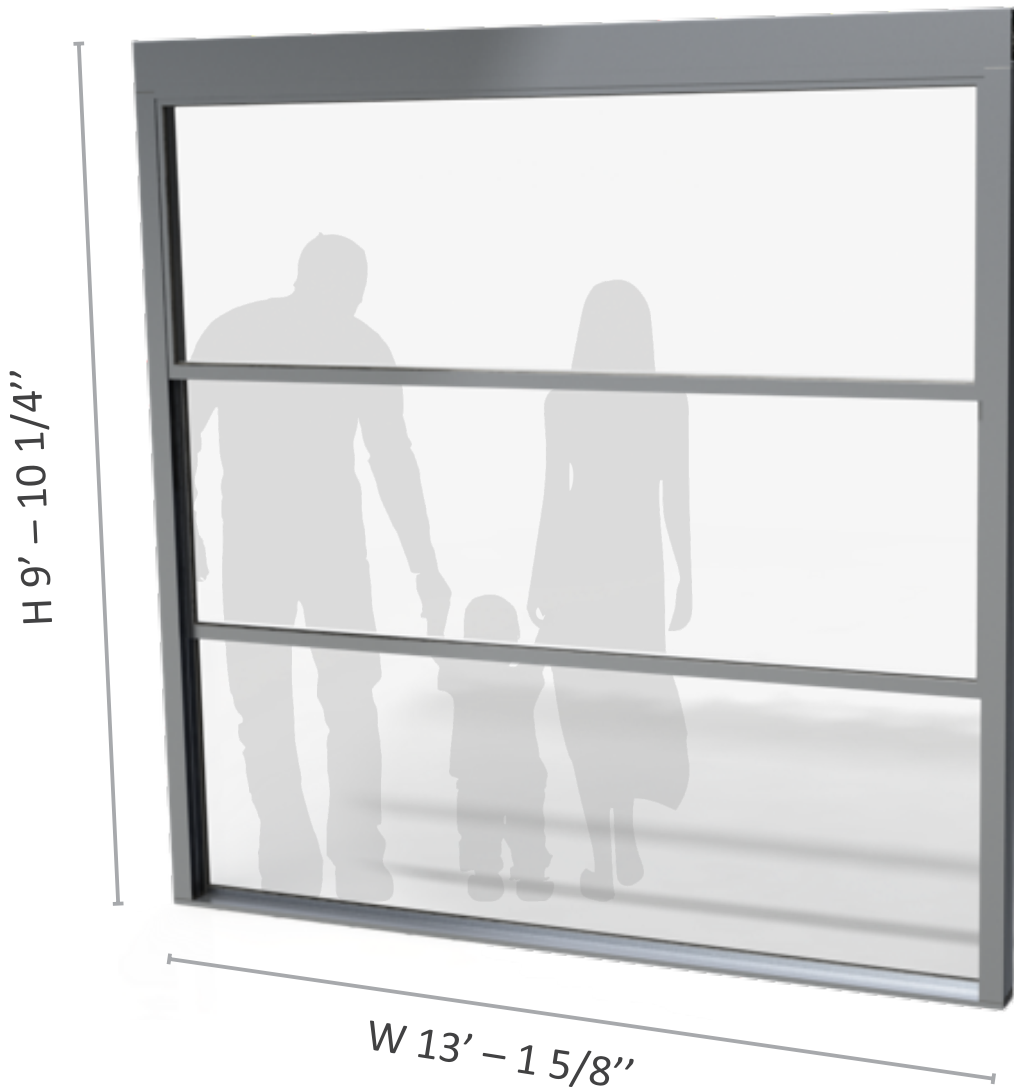




NEWPRODUCT

motorized aluminium sash window systems



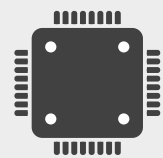
NEW PRODUCT

FEATURES

- Operation Motor Control
- 5" Thickness (with 2 and 3 sashes)
- W 13' - 1 5/8" H 9' - 10 1/4" available dimension
- %100 thermal break systems
- Air-proof and water-proof system
- Glass glazing bead
- 2 sashes (5")
- 3 sashes (5")
- 4 sashes (6' 7/8")
- Built-in safe design (crush proof)
- Photocell sensor (optional)
- Motor Lid
- Optional Lower Profile
- Contemporary, minimalistic design



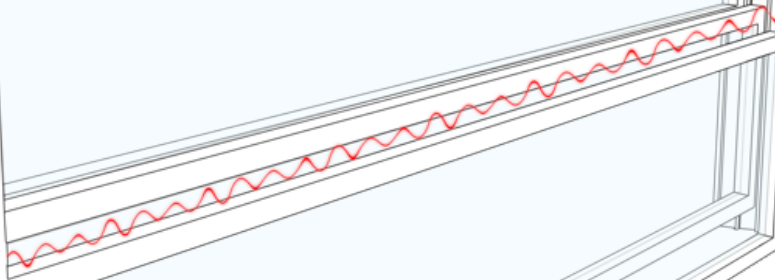
remote control



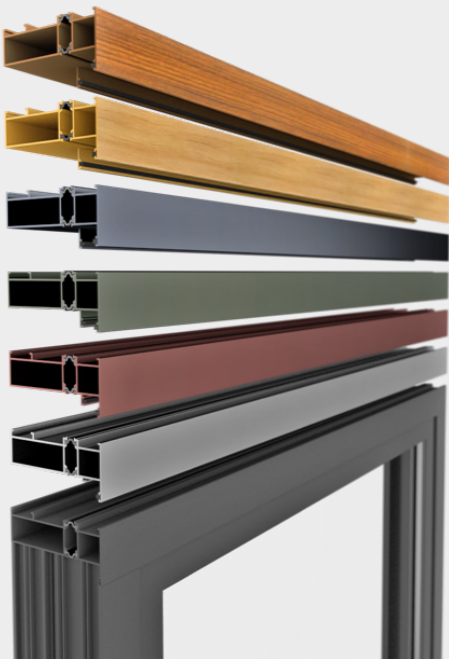
automated control

Safe Use With Photocell Sensor

Safety of sash movement is maintained by photocell since the movement of sashes stops when the signal is interrupted.

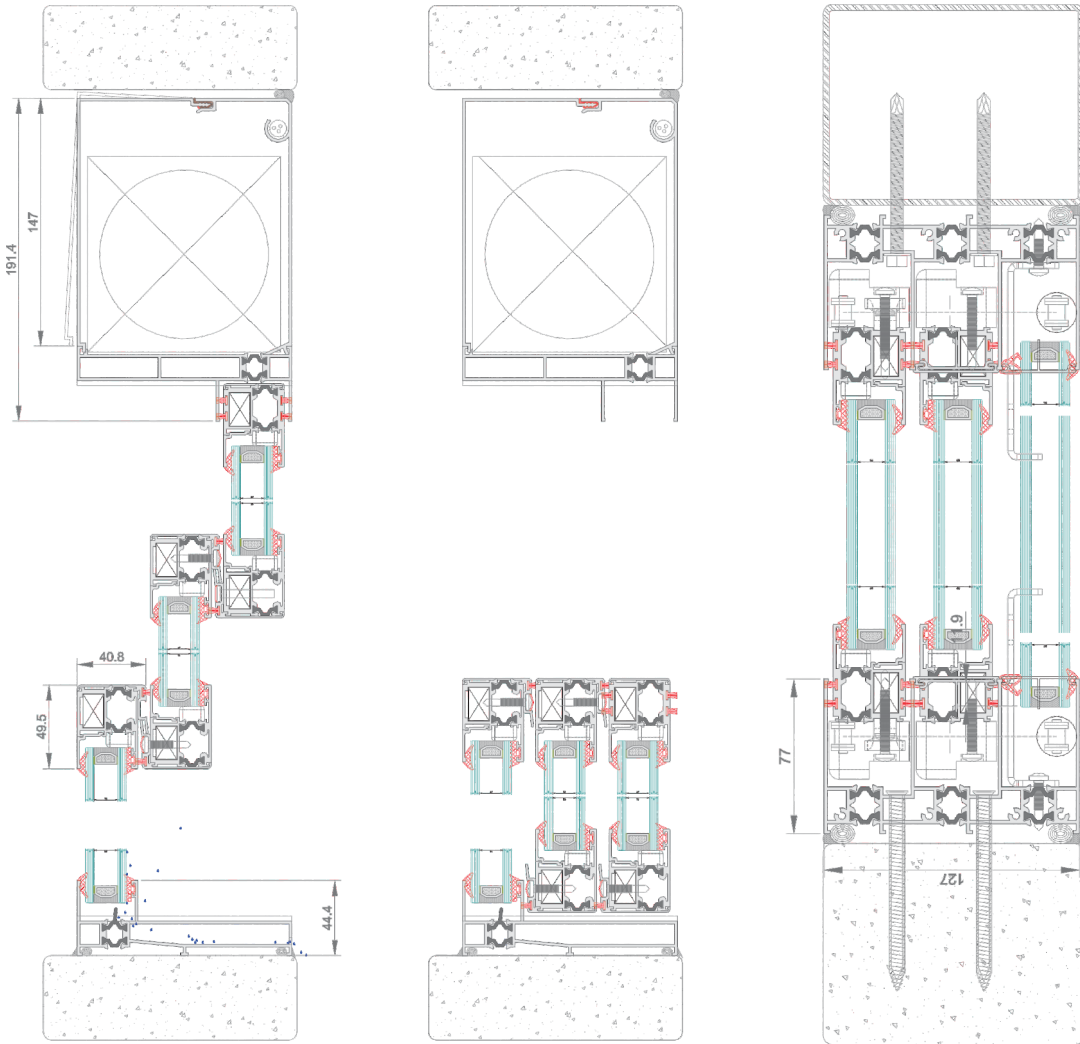


NEWPRODUCT



Color and Surface Options

Duowin® Plus can be produced in any color thanks to **powder coating** and **anodizing technology**. Various decorative surface applications such as **natural wood veneering** and **wood pattern transfer** can be applied.



NEWPRODUCT

TECHNICAL SPECIFICATIONS

- 120 Nm Somfy Motor
- 06B1 and 08B1 chain systems is available
- Aluminium Profile 6063T6 (UNS A96063; ISO AIMg0.5Si)
- 6063T6 (UNS A96063; ISO AIMg0.5Si) Aluminium Profile
- Anodized (25 m) Natural, satin, gold, black
- Powder coated (70-90 µm) Ral colors
- Wood veneered(1mm) teak, oak, walnut, ash, beech
- 1" Tempered and insulated glass
- Solar Low-e glass option
- Double insulated glass
- Triple insulated glass option
- Colored glass option
- Weigth ~6,3 lb/ft²

1" VRE1-54 Insulating
 1/4" (6mm) clear with VRE-54 #2
 1/2" (13.2mm) airspace
 1/4" (6mm) clear

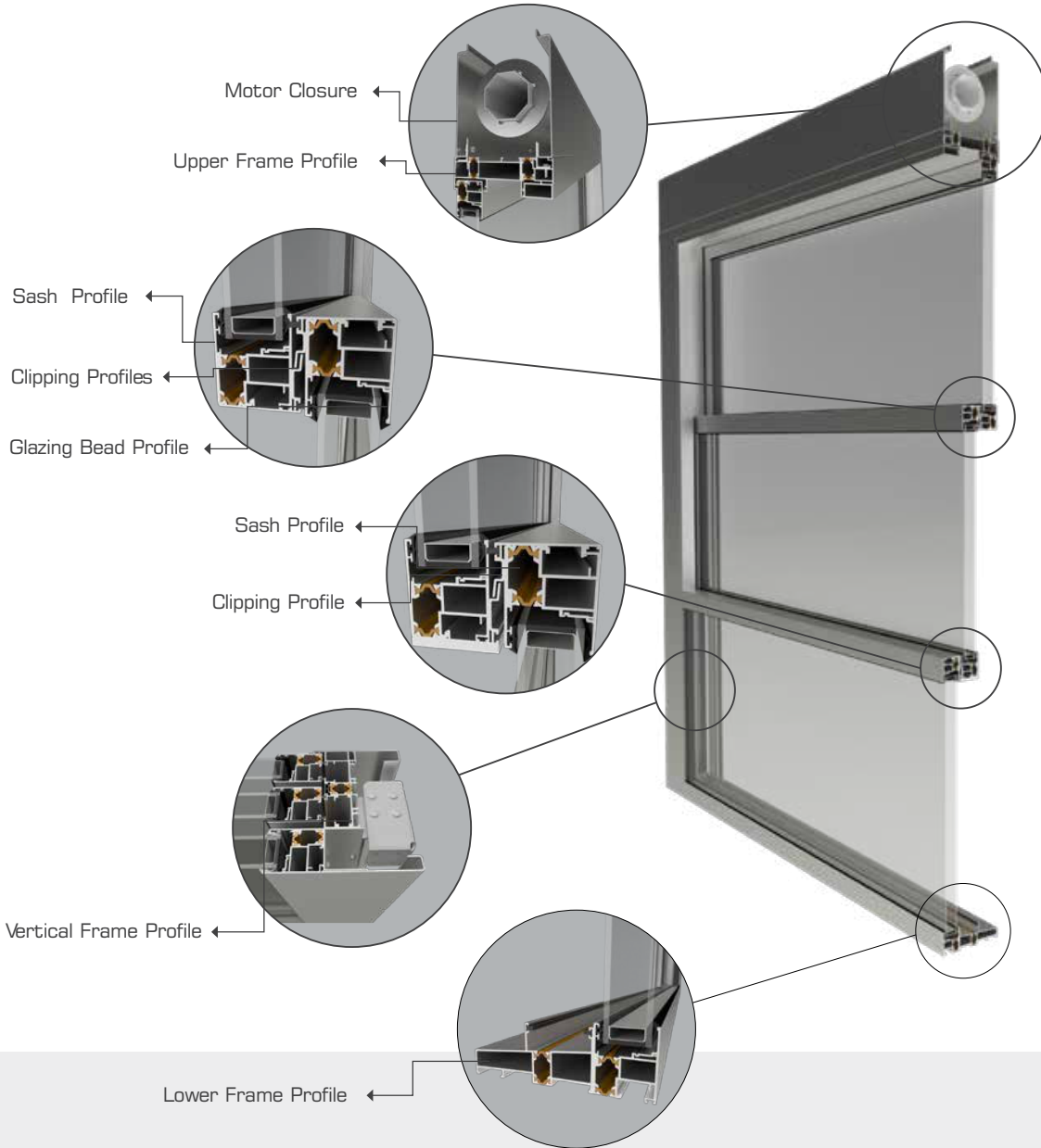
1" VRE1-54 Triple Insulating
 1/8" (3mm) clear with VRE-54 #2
 5/16" (7.5mm) airspace
 1/8" (3mm) clear
 5/16" (7.5mm) airspace
 1/8" (3mm) clear



VLT 47%
 Winter u-value 0.30
 Summer u-value 0.27
 SHGC 0.31



VLT 44%
 Winter u-value 0.27
 Summer u-value 0.29
 SHGC 0.29

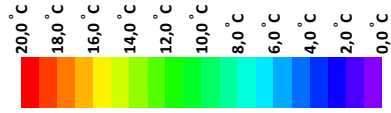


NEWPRODUCT

Glazing Options

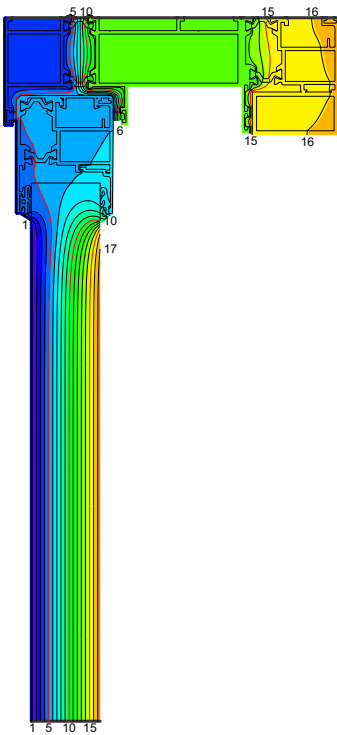
Duowin® Plus is suitable to use with both single and double pane glazing that may have different combinations including laminated glazing. Decorative or frosted glasses can be used according to project requirements.





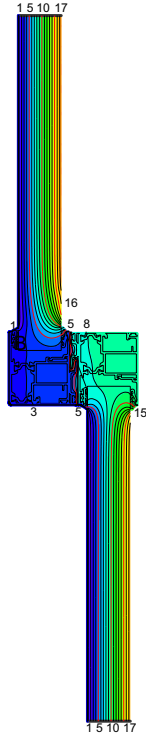
A

$$U_f = 5,767 \text{ W}/(\text{m}^2 \cdot \text{K})$$



B

$$U_f = 8,284 \text{ W}/(\text{m}^2 \cdot \text{K})$$

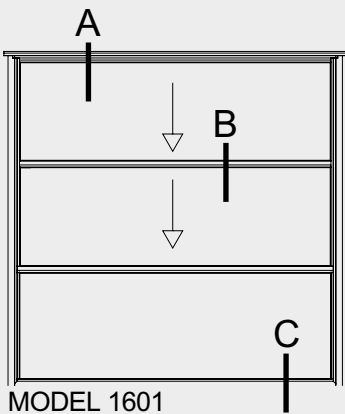


C

$$U_f = 3,421 \text{ W}/(\text{m}^2 \cdot \text{K})$$

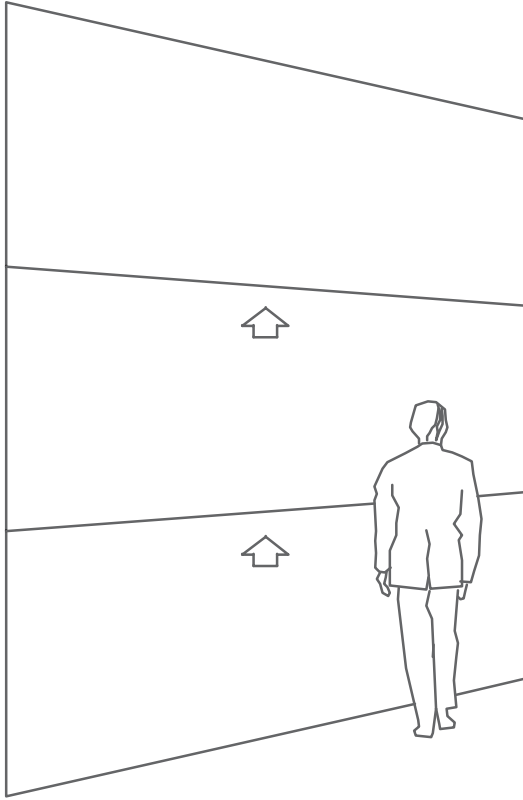


NEWPRODUCT



Thermal Performance Values

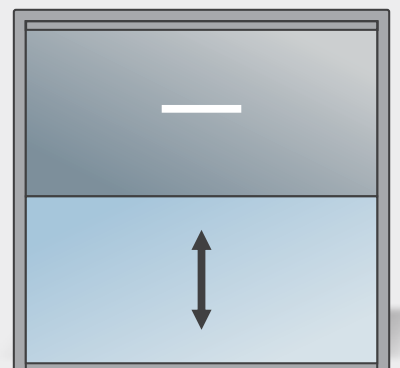
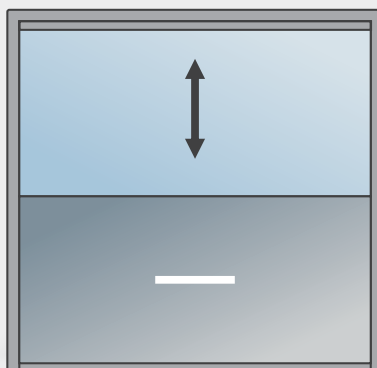
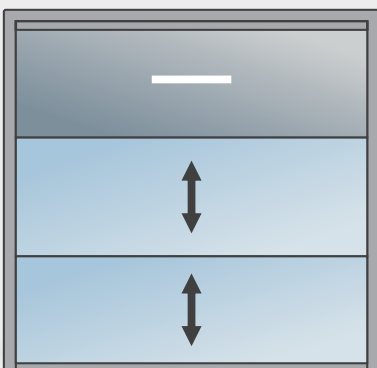
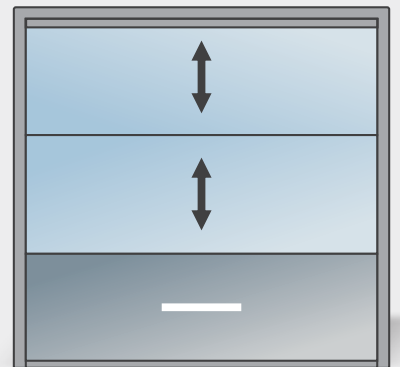
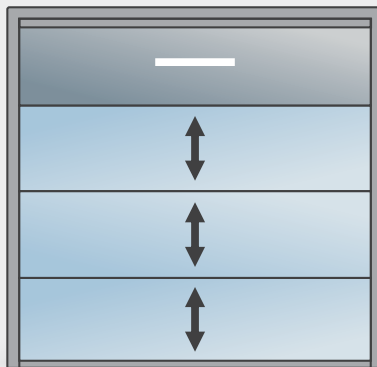
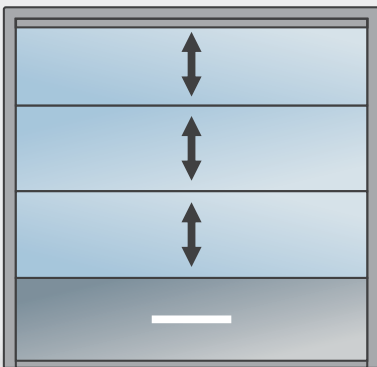
Thermal calculations are done with the following assumptions according to EN 10077-2 standards; inner temperature is 20°C, outer temperature is 0°C and relative humidity is 50%. Please contact us for detailed info.



EXP-G
GUILLOTINE

Innovation
in Aluminium
Systems

NEWPRODUCT



The logo for duowin+plus features a stylized icon of two overlapping dark grey squares on the left. To the right, the word "duowin" is written in a clean, lowercase sans-serif font. A plus sign "+" is positioned between "duowin" and "plus", which is written in a smaller, italicized lowercase sans-serif font and enclosed within a thin rectangular border.

motorized aluminium sash window systems

