

ALUMINUM WINDOWS



STAR SERIES

STAR SERIES C-C95 Double Interior Window

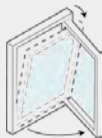


Product Appearance

Appearance: Indoor and outdoor flat frame
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee
Standard/Optional: Stainless flyscreen

Product Information/Open Methods

Profile Thickness: 6063-T5 primary aluminum Thickness2.0mm
Box Width: 95mm
Opening Fan Width: 350mm-750mm
Opening Fan Height: 400mm-1500mm
Glass Configuration: 5mm+20A+5mm
Opening method: Tilt and Turn/Double Inward-opening



Tilt and Turn



Double Inward-opening

Product Performance

Water Tightness Performance: 600pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 1.8W/ (m²·K) -Level 7
Wind Pressure Resistance Performance: 4.8kPa- Level 8

Hardware Accessories

Hardware Configuration: HOPO baseless handle, flush hinges, customized lock point set

STAR SERIES C-C110 Casement Window



Product Appearance

Appearance: Indoor and outdoor flat frame
Color: Regular color: Black skin, ilver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee
Standard/Optional: Stainless flyscreen/Optional window security bar

Product Information/Open Methods

Profile Thickness: 6063-T5 primary aluminum Thickness2.0mm
Box Width: 110mm
Opening Fan Width: 350mm-750mm
Opening Fan Height: 400mm-1500mm
Glass Configuration: 5mm+20A+5mm



Outward opening



Awning



Outward opening and Awning

Product Performance

Water Tightness Performance: 600pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 1.8W/ (m²·K) -Level 7
Wind Pressure Resistance Performance: 4.8kPa- Level 8

Hardware Accessories

Hardware Configuration: HOPO baseless handle, flush hinges, customized lock point set

▪ **STAR SERIES C-C128**
Six Track Sliding Window



• **Product Appearance**

Appearance: Fan material visible surface width30mm
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee, Champagne gold
Standard/Optional: Stainless flyscreen

• **Product Information**

Profile Thickness: 6063-T5 primary aluminum lower trackThickness2.9mm/fan material1.8mm
Box Width: 128mm
Opening Fan Width: 350mm-2100mm (Single fan area < 3.5m²)
Opening Fan Height: 400mm-1500mm
Glass Configuration: 5mm+15A+5mm

• **Product Performance**

Water Tightness Performance: 400pa-Level 4
Airtightness Performance: 4.8m³/ (m·h) -Level 5
Sound Insulation Performance: 35dB-Level 4
Thermal Insulating Property: 2.5W/ (m²·K) -Level 5
Wind Pressure Resistance Performance: 4.3kPa- Level 7

• **Hardware Accessories**

Hardware Configuration: BOGO side-mounted automatic latch with key



▪ **STAR SERIES C-M95**
Casement Door

• **Product Appearance**

Appearance: Fan material visible surface width40mm
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee
Standard/Optional: External/inner door /Optional flyscreen /High and low rails /French

• **Product Information**

Profile Thickness: 6063-T5 primary aluminum thickness2.0mm
Box Width: 95mm
Opening Fan Width: 1000mm (Single fan area < 2.5m²)
Opening Fan Height: 2500mm
Glass Configuration: 5mm+27A+5mm

• **Product Performance**

Water Tightness Performance: 600pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 1.8W/ (m²·K) -Level 7
Wind Pressure Resistance Performance: 4.8kPa- Level 8

• **Hardware Accessories**

Hardware Configuration: HOPO baseless handle, flush hinges, customized lock point set

▪ **STAR SERIES C-M125/188**
Ultra Silmline Sliding Door



• **Product Appearance**

Appearance: Extremely silm hidden frame
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee
Standard/Optional: Optional flyscreen, optional triple track, optional corner without columns

• **Product Information**

Profile Thickness: 6063-T5primary aluminum thickness2.0mm,frame thickness2.1mm,Main profiles3.0mm
Box Width: 125/188mm
Opening Fan Width: 3000mm
Opening Fan Height: 3000mm
Glass Configuration: 5mm+20A+5mm
Opening Method: Silding

• **Product Performance**

Water Tightness Performance: 450pa-Level 4
Airtightness Performance: 4.8m³/ (m·h) -Level 5
Sound Insulation Performance: 35dB-Level 4
Thermal Insulating Property: 2.3W/ (m²·K) -Level 6
Wind Pressure Resistance Performance: 5.0kPa- Level 9

• **Hardware Accessories**

Hardware Configuration: BOGO side-mounted automatic latch with key (Optional with key)

▪ **STAR SERIES Y-M128/189**
Lifting Sliding Door



• **Product Appearance**

Appearance: Extremely silm hidden frame
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee
Standard/Optional: Stainless Bogo/Optional heavy duty lifting system

• **Product Information**

Profile Thickness: 6063-T5primary aluminum fan thickness3.0mm framethickness2.2mm
Box Width: 128mm
Opening Fan Width: 1200mm-3000mm (Single fan area < 4.8m²)
Opening Fan Height: 2000mm-3000mm
Glass Configuration: 5mm+20A+5mm

• **Product Performance**

Water Tightness Performance: 600pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 1.8W/ (m²·K) -Level 7
Wind Pressure Resistance Performance: 5.0kPa- Level 9

• **Hardware Accessories**

Standard Handle: Stainless BOGO/Optional siegenia lifting system/Load 200-400kg



STARLIGHT SERIES

▪ STARLIGHT SERIES G-C60 Casement Window

▪ Product Appearance

Appearance: Indoor and outdoor flat frame
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee

• Product Information

Profile Thickness: 6063-T5primary aluminum thickness1.4mm
Box Width: 60mm
Opening Fan Width: 350mm-750mm
Opening Fan Height: 400mm-1500mm
Glass Configuration: 5mm+12A+5mm

• Open Methods



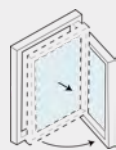
Outward
Opening



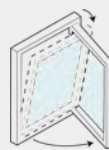
Awning



Outward opening
and Awning



Inward-opening
/Double inward-opening



Tilt and Turn

• Product Performance

Water Tightness Performance: 600pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 1.8W/ (m²·K) -Level 7
Wind Pressure Resistance Performance: 4.5kPa- Level 8

• Hardware Accessories

Hardware Configuration: HOPO Hardware



▪ STARLIGHT SERIES G-C77/118 Sliding Window

• Product Appearance

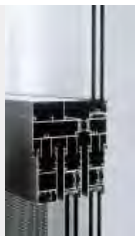
Appearance: Fan material visible surface width60mm
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee

• Product Information

Profile Thickness: 6063-T5primary aluminum,lower track1.4mm, fan thickness1.4mm
Box Width: 77mm/118mm
Opening Fan Width: 400mm-1300mm
Opening Fan Height: 400mm-1600mm
Glass Configuration: 5mm+12A+5mm
Opening method: Two/three-track

• Product Performance/Product section

Water Tightness Performance: 350pa-Level 4
Airtightness Performance: 4.8m³/ (m·h) -Level 5
Sound Insulation Performance: 35dB-Level 4
Thermal Insulating Property: 2.5W/ (m²·K) -Level 5
Wind Pressure Resistance Performance: 4.3kPa- Level 7



• Hardware Accessories

Hardware Configuration: BOGO Auto-Lock sliding hardware/Customized two lock



▪ STARLIGHT SERIES G-C50
Casement Window

• Product Appearance

Appearance: Indoor and outdoor flat frame
Color: Regular color: Black skin, Silver grey matt
Design concept: Minimalist modern appearance

• Product Information

Profile Thickness: thickness1.3mm, strengthen the neutrals thickness1.4mm
Box Width: 51.4mm
Single Fan Width: 300mm-600mm (Opening fan area <1m²)
Opening Fan Height: 400mm-1000mm
Glass Configuration: Single glass 6mm
Opening method: Glass Glue Fixing

• Product Performance

Water Tightness Performance: 500pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 2.0W/ (m²·K) -Level 6
Wind Pressure Resistance Performance: 4.3kPa- Level 7

• Hardware Accessories

Hardware Configuration: PA customized hardware



▪ STARLIGHT SERIES G-M70
Casemen Door

• Product Appearance

Appearance: Regular flush door frame
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee
Standard/Optiona: Optional flyscreen/Optional built-in louvers/French

• Product Information

Profile Thickness: 6063-T5primary aluminum Thickness2.0mm
Box Width: 70mm
Single Fan Width: 1000mm (Single fan area <2.5m²)
Opening Fan Height: 2500mm
Glass Configuration: 5mm+27A+5mm
Opening method: Outward opening/Inward opening

• Product Performance

Water Tightness Performance: 600pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 1.8W/ (m²·K) -Level 7
Wnd Pressure Resistance Performance: 4.8kPa- Level 8

• Hardware Accessories

Hardware Configuration: HOPO baseless handle, flush hinges, customized lock point set (Optional CMECH)



▪ STARLIGHT SERIES G-M77/118
Sliding Door

• Product Appearance

Appearance: Indoor and outdoor flat frame
Color: Sandy grey
Standard/Optiona: Stainless flyscreen/Optional window security bar

• Product Information

Profile Thickness: 6063-T5primary aluminum thickness1.4mm
Box Width: 77/118mm
Opening Fan Width: 31400mm
Opening Fan Height: 2500mm
Glass Configuration: 5mm+12A+5mm
Opening method: Two/Three-track Sliding

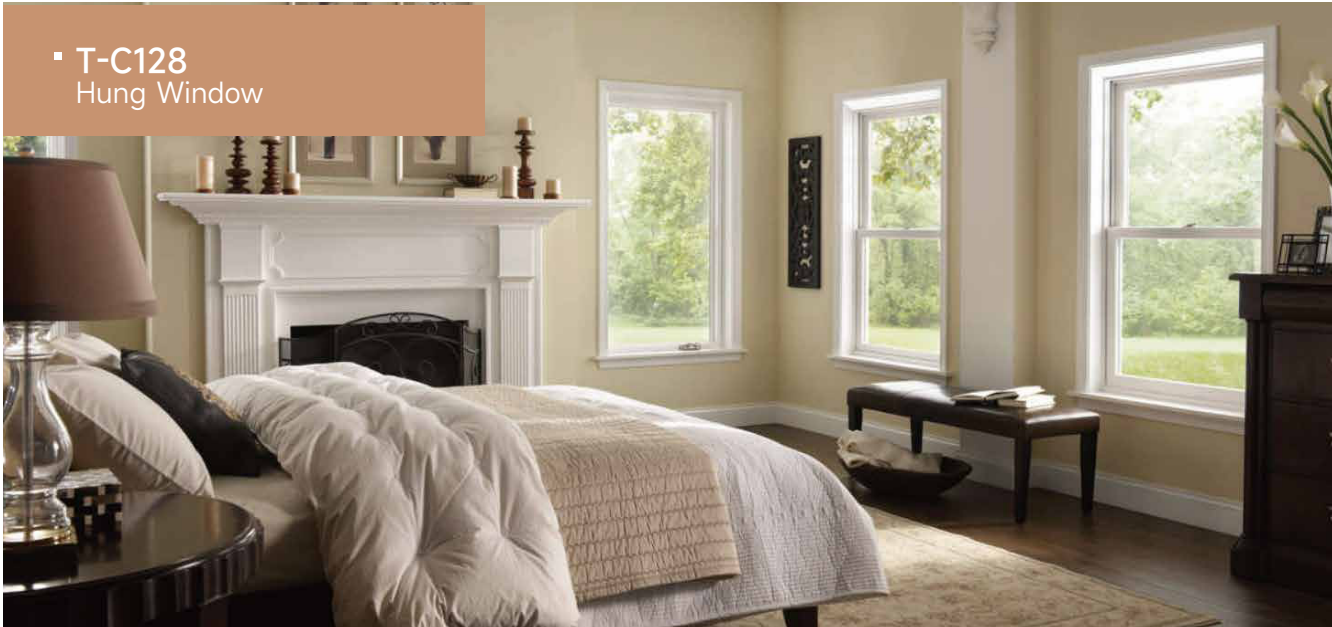
• Product Performance

Water Tightness Performance: 350pa-Level 4
Airtightness Performance: 4.8m³/ (m·h) -Level 5
Sound Insulation Performance: 35dB-Level 4
Thermal Insulating Property: 2.5W/ (m²·K) -Level 5
Wind Pressure Resistance Performance: 4.3kPa-Level 7

• Hardware Accessories

Hardware Configuration: BOGO sliding hardware (Optional handle)

LIFTING & FOLDING SERIES



▪ T-C128
Hung Window

• Product Appearance

Appearance: Fan material visible surface width30mm
Color: Regular color: Graphite black, Pearl white
Customized: Brown, Matte grey
Standard/Optiona: Heavy duty hooks, hollow spacers, double or single lift

• Product Information

Profile Thickness: 6063-T5primary aluminum (OptionalT6) profiles thickness1.78mm
Box Width: 128mm
Single Fan Width: 400mm-1500mm (Single fan area < 3m²)
Total Fan Height: < 2600mm (Or single fan weight≤60kg)
Glass Configuration: 5mm+15A+5mm

• Product Performance

Water Tightness Performance: 600pa-Level 5
Airtightness Performance: 1.8m³/ (m·h) -Level 7
Sound Insulation Performance: 35dB-Level 4
Thermal Insulating Property: 2.5W/ (m²·K) -Level 5
Wind Pressure Resistance Performance: 4.8kPa- Level 8

• Hardware Accessories

Hardware Configuration: American Caldwell AAMA certified high level lift hardware



▪ **T-C83**
Hung Window

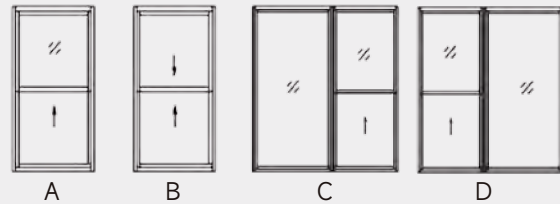
• **Product Appearance**

Appearance: Fan material visible surface width53mm
Color: Regular color: Graphite black, Pearl white
Customized: Brown, Matte grey
Standard/Optional: Heavy duty lifters, rolled tab lifters, pulley lifters, hollow spacers

• **Product Information**

Profile Thickness: 6063-T5primary aluminum Thickness1.5mm
Box Width: 83mm
Opening Fan Width: 400mm-1000mm
Opening Fan Height: 400mm-2000mm (or single fan weight≤30Kg)
Glass Configuration: 4mm+12A+4mm
Opening method: Two/three-track

• **Product styles**



• **Hardware Accessories**

Hardware Configuration: Customized removable hardware



▪ **Z-C65**
Folding Window

• **Product Appearance**

Appearance: Indoor and outdoor flat frame
Color: Regular color: Black skin, Silver grey matt
Customized: Sandy black, Sandy grey, White, Dark coffee

• **Product Information**

Profile Thickness: 6063-T5primary aluminum thickness2.0mm
Box Width: 65mm, base frame 85mm
Single Fan Width: 300mm-700mm (Single fan area < 1.2m²)
Opening Fan Height: 400mm-1500mm
Glass Configuration: 5mm+15A+5mm
Opening method: Folding (Single/double sided folding) , Outward/Inward opening

• **Product Performance**

Water Tightness Performance: 500pa-Level 5
Airtightness Performance: 3.2m³/ (m·h) -Level 6
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 2.3W/ (m²·K) -Level 6
Wind Pressure Resistance Performance: 4.3kPa- Level 7

• **Hardware Accessories**

Hardware Configuration: Kerssenberg folding hardware, standard Lock



▪ **Z-M75**
Folding Door

• **Product Appearance**

Appearance: Folding door
Color: Regular color: Sandy grey, Black skin
Standard/Optional: Standard with lock, optional flush door

• **Product Information**

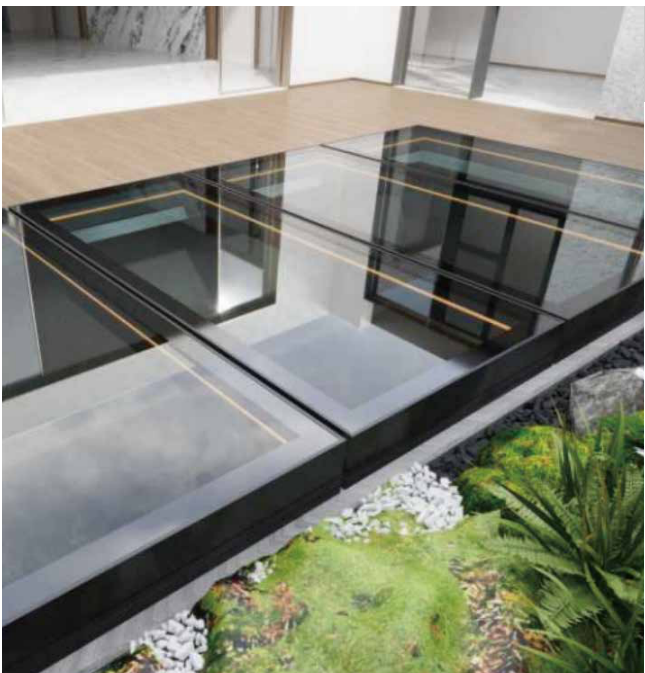
Profile Thickness: 6063-T5primary aluminum thickness2.0mm
Box Width: 75mm
Opening Fan Width: <700mm
Opening Fan Height: <2700mm
Glass Configuration: 5mm+20A+5mm
Opening method: Inward folding, outward folding, double/single side open

• **Product Performance**

Water Tightness Performance: 500pa-Level 5
Airtightness Performance: 3.2m³/ (m·h) -Level 6
Sound Insulation Performance: 40dB-Level 5
Thermal Insulating Property: 2.3W/ (m²·K) -Level 6
Wind Pressure Resistance Performance: 4.8kPa- Level 8

• **Hardware Accessories**

Hardware Configuration: Kerssenberg folding Hardware



SKYLIGHT SERIES

▪ **SKYLIGHT SERIES**
Thmeral Broken Fixed Skylight

• **Product Appearance**

Appearance: Minimalist look
Color: Sandy grey
Apply to: Light wells/patios/roofs/sunrooms

• **Product Information**

Profile Thickness: 6063-T5primary aluminum Profile thickness2.5mm
Box Width: 70mm
Box Heigh: 151mm
Opening Fan Width: 700mm
Opening Fan Height: 3200mm (Single fan < 2m²)



▪ **SKYLIGHT SERIES**
Tempered Skylight

• **Product Appearance**

Appearance: Minimalist look
Color: Sandy grey
Apply to: Light wells/patios/roofs/sunrooms

• **Product Information**

Profile Thickness: 6063-T5primary aluminum Profile thickness2.5mm
Box Width: 53mm
Box Heigh: 171mm
Opening Fan Width: 700mm
Opening Fan Height: 3000mm (Single fan < 4m²)



SUNROOM SERIES

▪ **SUNROOM SERIES**
Customized Sunroom

• **Product Appearance**

Appearance: Fan material visible surface width58-140mm
Color: Sandy grey
Standard/Optiona: Customized on request

• **Product Information**

Profile Thickness: 6063-T5primary aluminum thickness1.3mm
Handle: German HOPO
Hinge: Stanford load-bearing hinges
Optional Flyscreen: 0/11 mesh (aperture 2.0mm) anti-shearing anti-theft carbon steel level
Glass Configuration: (5mm+16A+5mm/5MM+24A+5mm)double glass/Laminated glass

• **Picture**

