



BELL AIR LUX
PREMIUM WINDOWS & DOORS

Bell Air Lux

Product Catalog

www.bellairlux.com

Welcome to Bell Air Lux

At **Bell Air Lux**, we specialize in transforming houses into homes with our exquisite range of quality custom made aluminum windows and doors. Our mission is to redefine the essence of home through innovation and impeccable craftsmanship. We are committed to providing premium-quality windows and doors that enhances the beauty and functionality of their spaces. We have been a trusted partner for homeowners and businesses alike, providing top-quality products for your home, multifamily project or business. Bell Air Lux offers a wide range of luxury aluminum windows and doors that not only come in a wide variety of designs and sizes, but also can be fully customized from the color of the handle to the finish of the glass.

Our commitment to craftsmanship and innovation ensures that every window and door we offer is not just a functional element but a statement of style and reliability. Whether you are renovating your current space or building from scratch, our expert team is here to guide you through every step of the process, from selection to delivery.

Our customers are at the heart of everything we do. We strive to exceed their expectations by providing personalized service, expert guidance, and solutions tailored to their unique needs and preferences.

From striking panel entry doors to versatile sliding and folding options, each door in our collection makes a distinctive statement. Enjoy the flexibility to customize every detail, from size and handles to color finishes and accessories. Additionally, optimize functionality and comfort with optional features like mosquito nets, glass tints, and patterns, allowing for a personalized touch that reflects your individual style.

Discover the difference that quality makes with Bell Air Lux. Contact us today to schedule your consultation and let us help you find the perfect windows and doors to enhance your living or working environment.



Why Aluminum?

Durability

Aluminum windows and doors boast exceptional durability, ensuring structural integrity and dependable performance throughout their lifetime. Resistant to warping, cracking, or swelling, they provide stability in diverse climates.

Sustainability

Built to last for decades, aluminum is a sustainable choice for windows and doors. Its high recyclability allows for repurposing and reuse, contributing to environmental conservation efforts.

Low Maintenance

With excellent weatherproofing and corrosion resistant properties, aluminum requires minimal upkeep, reducing overall maintenance expenses. Unlike other materials, aluminum windows and doors do not need frequent resealing or repainting.

Security

With robust frames and high-quality locking mechanisms, our aluminum windows and doors offer exceptional security for your home with their solid construction. Engineered for strength and durability, they provide peace of mind against intruders, safeguarding your family and belongings.

Energy Efficiency

Our aluminum windows and doors are designed with advanced thermal insulation properties, ensuring superior energy efficiency in all seasons. The durable construction and weather-resistant features of aluminum frames help to minimize heat transfer, reducing the need for excessive heating or cooling and ultimately lowering energy bills.

Soundproofing

Experience tranquility and comfort with our soundproof aluminum windows and doors. Engineered to reduce noise transmission, they create a quiet and peaceful indoor environment, shielding you from external disturbances and ensuring a restful living space.



World of Possibilities

Bell Air Lux windows are crafted with precision and attention to detail. Our aluminum frame offers sleek sophistication and robust durability, while our vinyl options provide versatility and energy efficiency.

At Bell Air Lux, innovation is at the heart of everything we do. Our catalog is constantly updated to bring you the latest trends. While we strive to showcase a comprehensive selection, please note that our offerings extend far beyond what's presented here. Stay tuned for exciting updates and new additions.

Join us on a journey of exploration and inspiration as you flip through the pages of our catalog. Whether you're embarking on a new construction project or renovating your existing space, let Bell Air Lux be your trusted partner in creating spaces that reflect your vision and lifestyle.

Welcome to a World of Possibilities.

Welcome to Bell Air Lux.



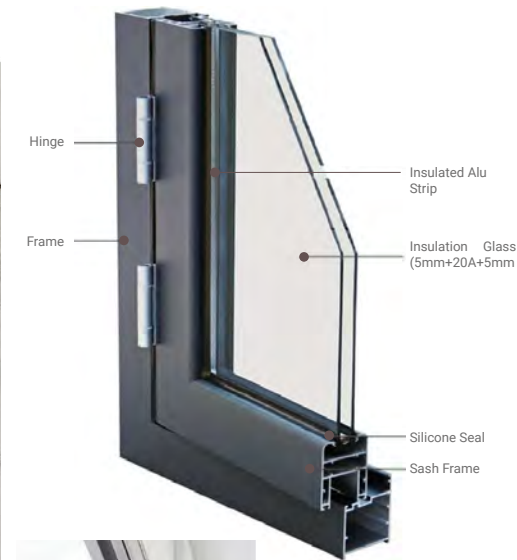
Folding Doors

Crafted for convenience and aesthetic appeal, bifold doors consist of multiple panels which open by folding back in sections, accordion-style, to create a wide opening. Whether you want to create a grand entrance to your patio, open up your living room to the garden, or enhance the layout of your commercial space, these doors provide a flexible and stylish solution.

The beauty of bifold doors lies not only in their modern aesthetics but also in their ability to maximize space and provide a seamless transition. Invest in **Bell Air Lux's** bifold doors to bring contemporary touch to your living or working environment, blending style with functionality in a way that transforms the way you experience your space.



80 Series | 1.7/2.0MM Folding Door



1.7mm Non-Thermal Break

Glass Panel Maximum Size:
3000 * 900mm
Recommend Size: Height within
3200mm Door leaf width within
1000mm



2.0mm Thermal Break

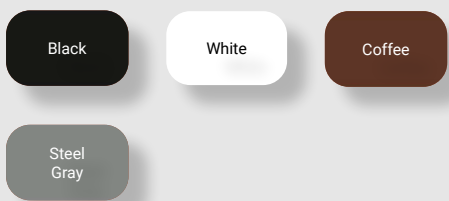
Glass Panel Maximum Size:
3000 * 900mm
Recommend Size: Height within
3200mm Door leaf width within
1000mm



Product Data

Wall Thickness	—	80mm
Glass Slot	—	31mm
Standard Glass	—	5mm + 18A + 5mm
Hardware	—	China Top Quality Hardware
Mosquito Net	—	PP Net
Open Way	—	Folding

Optional Colors



Hardware Configuration



105 Series 3.0 | Folding Door



Door left



Heavy Duty Strong Rollers



Handle Lock



Deadbolt



Epdm Sealing Strip

Thermal break

Glass Panel Maximum Size:
3727 * 954mm
Recommend Size: Height
within 4000mm Door leaf
width within 1100mm

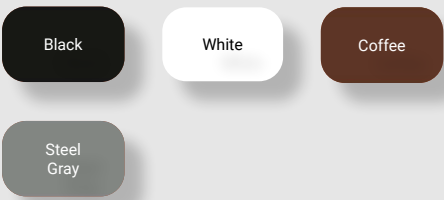
Non-thermal break

Glass Panel Maximum Size:
4727 * 954mm
Recommend Size: Height
within 5000mm Door leaf
width within 1100mm

Product Data

Wall Thickness	—	120mm
Glass Slot	—	42mm
Standard Glass	—	6+25A+6mm
Hardware	—	China Brand
Mosquito Net	—	Optional
Open Way	—	Folding

Optional Colors



Hardware Configuration



Handle Lock



Latch



Handle



Roller And Hinge



Handle



Hinge



Handle Hinge



Roller And Hinge



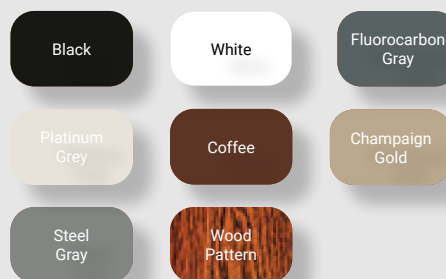
77 Series Thermal Break | Bi Folding Doors



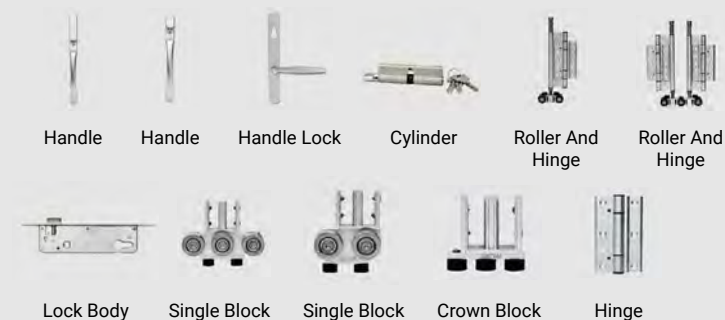
Product Data

Glass Panel	—	58 x 68mm
Recommend Size	—	900 x 3000mm
Wall Thickness	—	77mm
Glass Slot	—	20mm
Standard Glass	—	5mm + 20A + 5mm
Hardware	—	Germany Brand
Mosquito Net	—	PP Net
Open Way	—	Folding

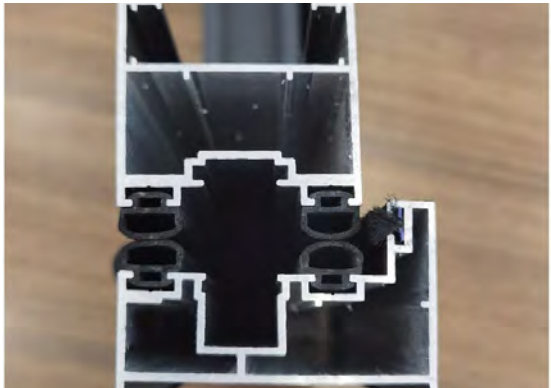
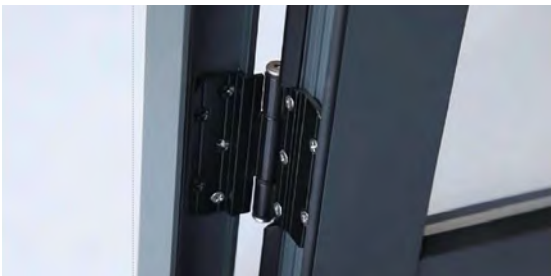
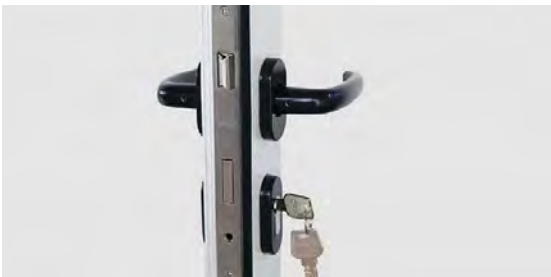
Optional Colors



Hardware Configuration



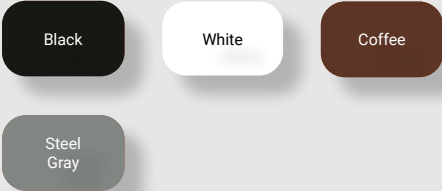
65 Series Non Thermal Break | Folding Door



Product Data

Glass Panel	—	45 x 50mm
Recommend Size	—	800 x 1500mm
Wall Thickness	—	65mm
Glass Slot	—	31mm
Standard Glass	—	5mm + 20A + 5mm
Hardware	—	China Brand
Mosquito Net	—	N / A
Open Way	—	Folding

Optional Colors



Hardware Configuration



Sliding Doors

With a sleek and modern design, our sliding doors redefine the concept of seamless transitions between indoor and outdoor spaces. Beyond their aesthetic appeal, these doors are a practical choice for maximizing space, making them ideal for both residential and commercial settings.

Sliding doors open horizontally by sliding along a track, rather than swinging on hinges like

traditional doors. They are designed with energy-efficient features to help regulate indoor temperatures, contributing to energy savings and environmental sustainability.

Choose Bell Air Lux's sliding doors for a versatile and functional solution that effortlessly combines form and utility.



95 Series Thermal Break | Sliding Door



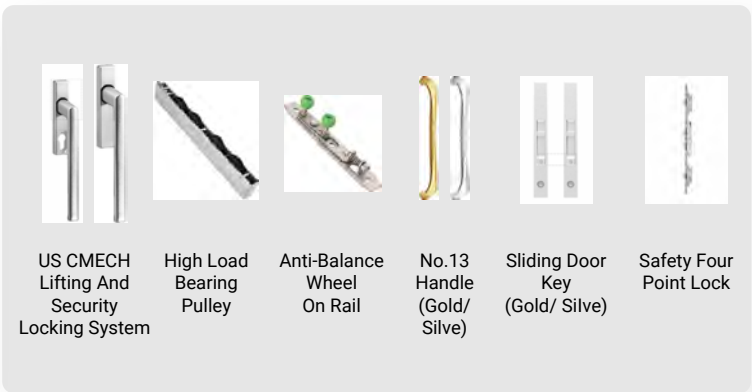
Product Data

Aluminum Thickness	—	2.0 - 2.5mm
Glass Panel	—	95 x 55mm
Recommend Size	—	(1000-2000) x (1800-3000)mm
Wall Thickness	—	148 / 1220mm
Glass Slot	—	38mm
Standard Glass	—	5mm + 20A + 5mm
Hardware	—	China / USA Brand
Mosquito Net	—	304 Stainless Steel Net
Open Way	—	Sliding

Optional Colors



Hardware Configuration



135 Series Thermal Break | Sliding Door



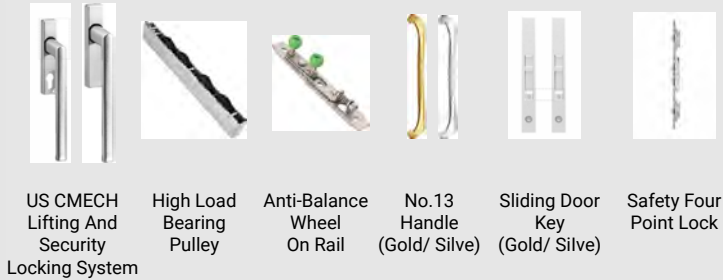
Product Data

Aluminum Thickness	2.0 - 2.5mm
Glass Panel	76 x 56mm
Recommend Size	(1000-2500) x (1800-3000)mm
Wall Thickness	135 - 204mm
Glass Slot	37mm
Standard Glass	5mm + 20A + 5mm
Hardware	German Brand (Support Lifting Hardware)
Mosquito Net	304 Stainless Steel Net
Open Way	Sliding

Optional Colors



Hardware Configuration



70 Series Non Thermal Break | Sliding Door



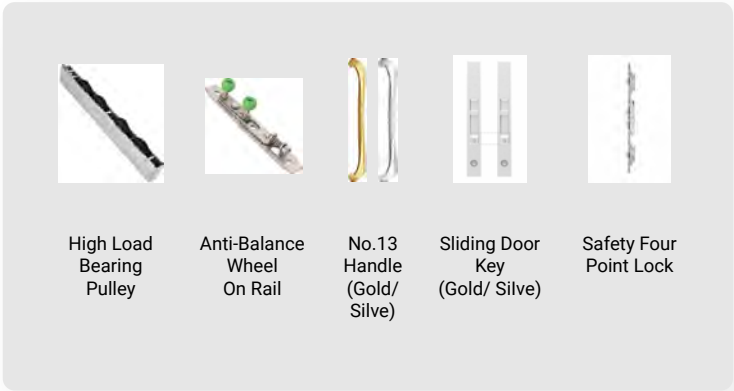
Product Data

Aluminum Thickness	—	1.6 - 1.8mm
Glass Panel	—	70 x 40.5mm
Recommend Size	—	1200 x 2800mm
Wall Thickness	—	105mm / 159mm
Glass Slot	—	30mm
Standard Glass	—	5mm + 15A + 5mm
Hardware	—	China Brand
Mosquito Net	—	304 Stainless Steel Net
Open Way	—	Sliding

Optional Colors



Hardware Configuration



Water Penetration Resistance



Heat Insulation



Air Leakage Resistance

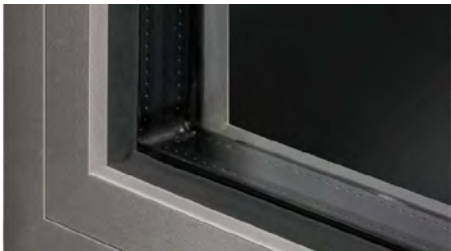


Wind Load Resistance



Sound Insulation

40/60 Series Interior | Sliding Door



Product Data

Aluminum Thickness	—	1.2mm
Glass Panel	—	40 x 40 / 60 x 40mm
Recommend Size	—	1000 x 2400 mm
Wall Thickness	—	105mm / 159mm
Glass Slot	—	30mm
Standard Glass	—	5mm + 12A/15A + 5mm
Hardware	—	China Brand
Mosquito Net	—	304 Stainless Steel Net
Open Way	—	Sliding

Optional Colors



Hardware Configuration



Water Penetration Resistance



Heat Insulation



Air Leakage Resistance



Wind Load Resistance



Sound Insulation

115 Series Narrow Frame | Interior Sliding Door



Product Data

Aluminum Thickness	—	2.0mm
Glass Panel	—	16 x 45mm
Recommend Size	—	1000 x 2600mm
Wall Thickness	—	115 / 172mm
Glass Slot	—	25mm
Standard Glass	—	4mm + 12A + 4mm
Hardware	—	OPK Brand
Mosquito Net	—	N/A
Open Way	—	Sliding

Optional Colors



Hardware Configuration



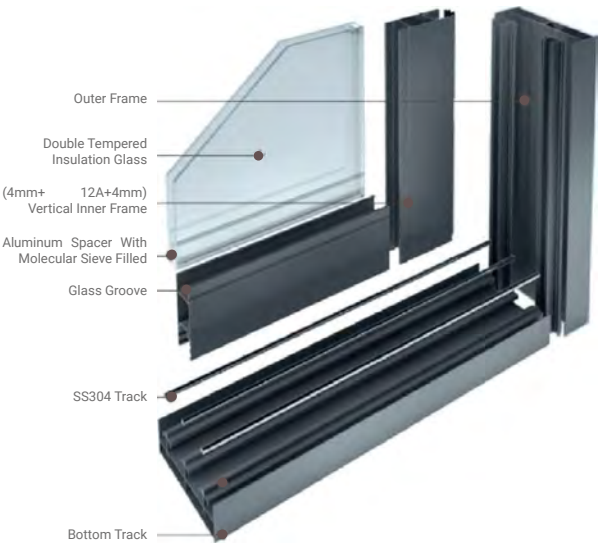
Sliding Windows

Discover the streamlined simplicity of Bell Air Lux's sliding windows, a modern solution that redefines the way you experience your surroundings. These windows boast a contemporary design, allowing for smooth horizontal operation that effortlessly opens up your space. The horizontal sliding mechanism

not only adds a touch of modernity to your decor but also ensures a seamless and easy-to-use window solution. Whether in a residential or commercial setting, these windows are a versatile choice for maximizing ventilation and natural light.



60 Series Non Thermal Break | Sliding Windows (1.2mm)



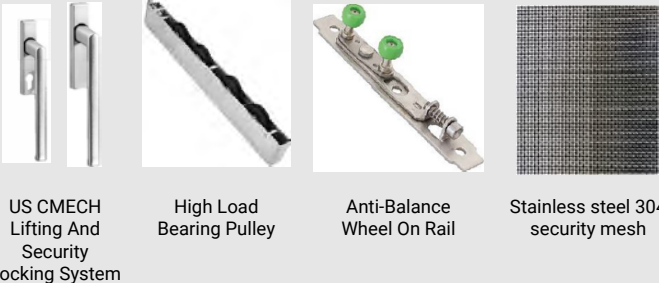
Product Data

Glass Panel	—	60 x 28mm
Recommend Size	—	800 x 1500mm
Wall Thickness	—	110mm
Glass Slot	—	22mm
Standard Glass	—	4mm + 12A + 4mm
Hardware	—	China Brand
Mosquito Net	—	304 Stainless Steel Net
Open Way	—	Sliding

Optional Colors



Hardware Configuration



Water Penetration Resistance



Heat Insulation



Air Leakage Resistance



Wind Load Resistance



Sound Insulation

115 Series Thermal Break | Sliding Window (Frame : 1.5mm, Panel : 2.0mm)



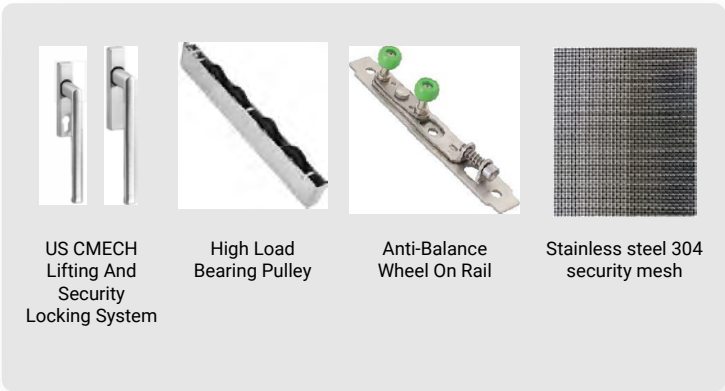
Product Data

Glass Panel	—	55 x 45mm
Recommend Size	—	(500-1600) x (600-1800)mm
Wall Thickness	—	115 / 148mm
Glass Slot	—	34mm
Standard Glass	—	5mm + 20A + 5mm
Hardware	—	China Brand
Mosquito Net	—	304 Stainless Steel Net
Open Way	—	Sliding

Optional Colors



Hardware Configuration



Casement Windows

Casement windows are hinged on one side and open outwards like a door. They open fully, creating a large opening that allows maximum airflow into the room.

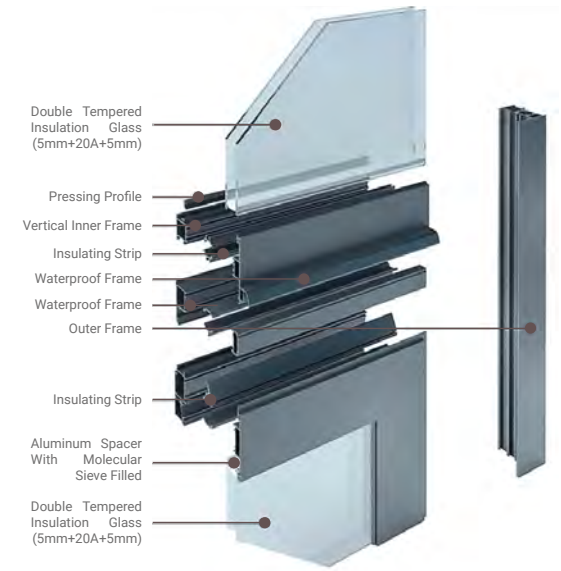
When casement windows are open, they provide unobstructed views of the outdoors since there is no center rail or sash. When closed and properly sealed, they offer excellent energy efficiency. The sash presses against the frame, creating a tight

seal that helps prevent drafts and minimizes heat transfer, contributing to energy savings.

The hook-shaped locks embedded in the frame provide a high level of security when the window is closed. The crank or lever mechanism used to open and close casement windows is easy to operate. This is particularly beneficial for individuals with limited mobility, as it requires minimal effort to control. The clean lines and versatile design of casement windows add a touch of elegance to any architectural style.



65 Series Thermal Break | Casement Window



Product Data

Aluminum Thickness	1.6 mm
Glass Panel	78 x 66mm (Out Swing) 76 x 75mm (Tilt & Turn)
Recommend Size	800x 1500mm
Wall Thickness	65mm
Glass Slot	38mm
Standard Glass	5mm + 20A + 5mm Double Clear Tempered Glass
Hardware	German Brand
Mosquito Net	304 Stainless Steel Net
Open Way	Casement & Tilt And Turn

Optional Colors



Hardware Configuration



Water Penetration
Resistance



Heat Insulation



Air Leakage
Resistance

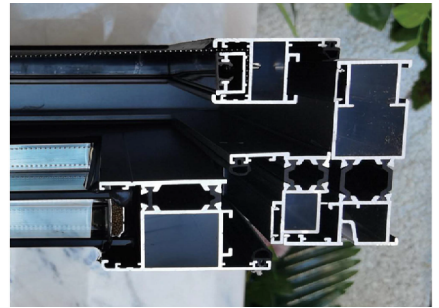
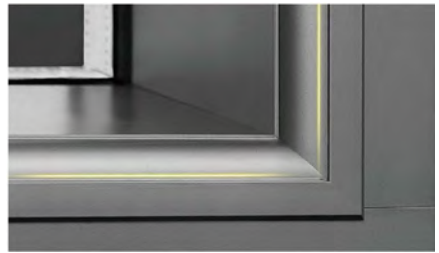


Wind Load
Resistance



Sound Insulation

86 Series Thermal Break | Casement Window



Product Data

Aluminum Thickness	1.4 mm
Glass Panel	80 x 44mm
Recommend Size	800 x 1400mm
Wall Thickness	86mm
Glass Slot	35mm
Standard Glass	5mm + 20A + 5mm
Hardware	German Brand
Mosquito Net	304 Stainless Steel Net
Open Way	Casement

Optional Colors



Hardware Configuration



Water Penetration
Resistance



Heat Insulation



Air Leakage
Resistance



Wind Load
Resistance



Sound Insulation

M100 Series Thermal Break | Casement Window



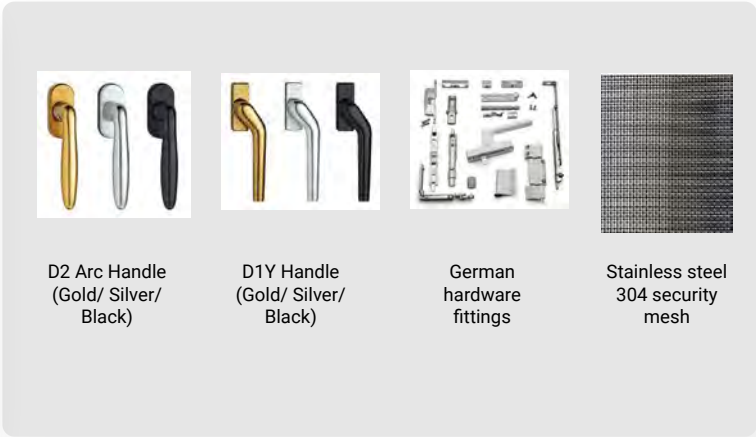
Product Data

Aluminum Thickness	1.8 mm
Glass Panel	52*77 mm (Slim)/ 69*54 mm (Regular)
Recommend Size	800x 1500mm
Wall Thickness	100mm
Glass Slot	35mm(Fix) 30mm(Glass panela)
Standard Glass	5mm + 20A + 5mm
Hardware	China Brand(Optional German Brand)
Mosquito Net	304 Stainless Steel Net
Open Way	Casement

Optional Colors



Hardware Configuration



Water Penetration
Resistance



Heat Insulation



Air Leakage
Resistance



Wind Load
Resistance



Sound Insulation

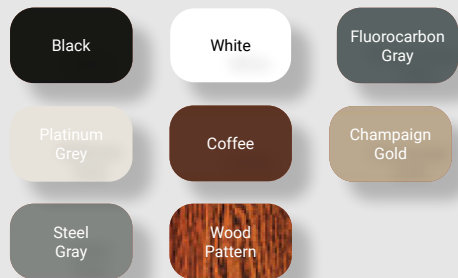
108 Series Thermal Break | Casement Window/ Door



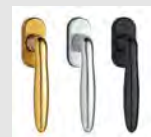
Product Data

Aluminum Thickness	—	1.4 mm
Glass Panel	—	86 x 57mm
Recommend Size	—	800 x 1500mm
Wall Thickness	—	108mm
Glass Slot	—	37mm
Standard Glass	—	5mm + 20A + 5mm
Hardware	—	German Brand
Mosquito Net	—	304 Stainless Steel Net
Open Way	—	Casement

Optional Colors



Hardware Configuration



D2 Arc Handle
(Gold/ Silver/
Black)



D1Y Handle
(Gold/ Silver/
Black)



German
hardware
fittings



Stainless steel
304 security
mesh



Water Penetration
Resistance



Heat Insulation



Air Leakage
Resistance



Wind Load
Resistance



Sound Insulation

103 Series Thermal Break | Casement Window/ Door



Product Data 22

Aluminum Thickness	Window 1.6mm/Door 1.8mm
Glass Panel	68 x 88mm
Recommend Size	(450-1300) x (650 - 2400)mm
Wall Thickness	103mm
Glass Slot	38mm
Standard Glass	5mm+20A+5mm Double Clear Tempered Glass
Hardware	German Brand
Mosquito Net	304 Stainless Steel Net/HD Net
Open Way	Casement & Tilt And Turn

Optional Colors



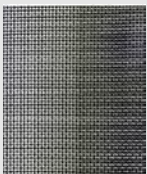
Hardware Configuration



D2 Arc Handle
(Gold/ Silver/ Black)



D1Y Handle
(Gold/ Silver/ Black)



Stainless steel 304
security mesh



Water Penetration
Resistance



Heat Insulation



Air Leakage
Resistance

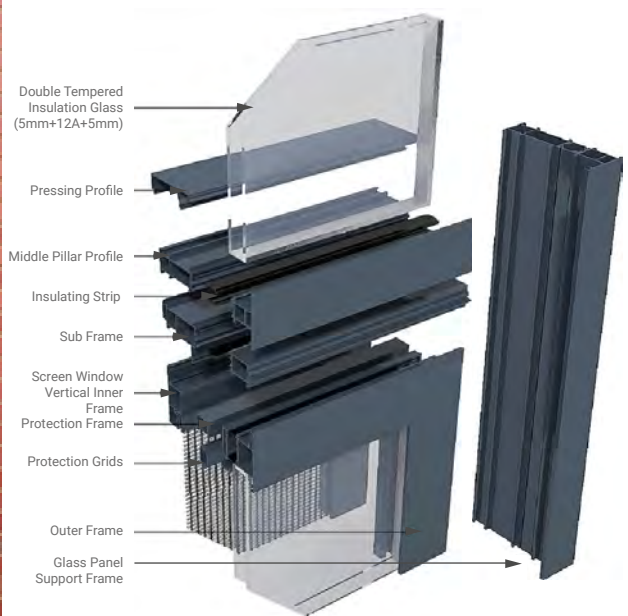


Wind Load
Resistance



Sound Insulation

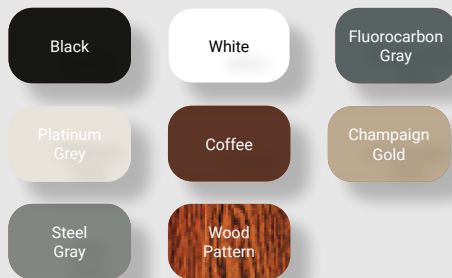
122 Series Thermal Break | Casement Window



Product Data 23

Aluminum Thickness	1.8mm
Glass Panel	79mm
Recommend Size	750x 1400mm
Wall Thickness	122mm
Glass Slot	42mm
Standard Glass	5mm+20A+5mm+12A+5mm
Hardware	German Brand
Mosquito Net	304 Stainless Steel Net/HD Net
Open Way	Casement & Tilt And Turn

Optional Colors



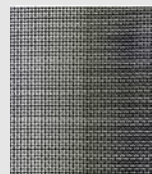
Hardware Configuration



D2 Arc Handle
(Gold/ Silver/
Black)



D1Y Handle
(Gold/ Silver/
Black)



Stainless steel
304 security
mesh



Water Penetration
Resistance



Heat Insulation



Air Leakage
Resistance



Wind Load
Resistance



Sound Insulation

Tilt and Turn Windows

Introducing Bell Air Lux's Tilt and Turn Windows – a European classic redefined for modern living. These windows seamlessly blend timeless aesthetics with functionality, offering a versatile solution for your space. The unique design of tilt and turn windows allows for two distinct operations. Tilt the window inward at the top for controlled ventilation, providing a refreshing breeze without compromising security.

Alternatively, turn the handle to open the window fully inward like a traditional casement, allowing for maximum airflow and easy cleaning.

Crafted with precision, these windows are available in a variety of configurations, ensuring a customized solution for every need.



85 Series Thermal Break | Tilt And Turn Window



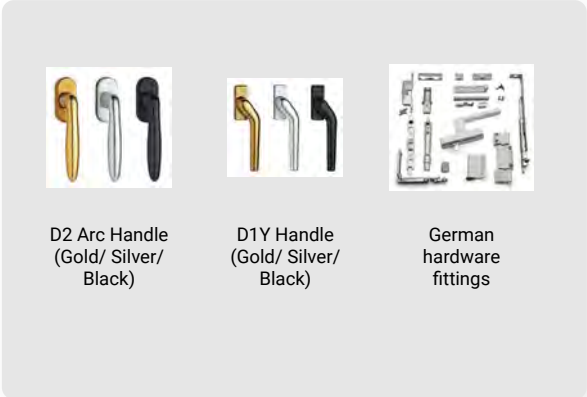
Product Data

Aluminum Thickness	1.8mm
Glass Panel	66 x 85mm
Recommend Size	(370-1300) x (530-2700)mm
Wall Thickness	85mm
Glass Slot	45mm
Standard Glass	5mm+12A+5mm+12A+5mm
Hardware	German Brand
Mosquito Net	N/A
Open Way	Casement & Tilt And Turn

Optional Colors



Hardware Configuration



Water Penetration Resistance



Heat Insulation



Air Leakage Resistance



Wind Load Resistance



Sound Insulation

105 Series Thermal Break | Tilt And Turn Window



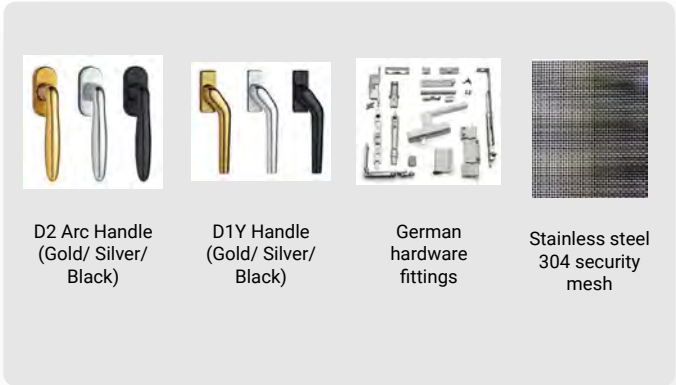
Product Data

Aluminum Thickness	1.8mm
Glass Panel	66 x 72mm
Recommend Size	(370-1300)x(530-2700)mm
Wall Thickness	105mm
Glass Slot	45mm
Standard Glass	5mm+12A+5mm+12A+5mm
Hardware	German Brand
Mosquito Net	304 Stainless Steel Net/HD Net
Open Way	Casement & Tilt And Turn

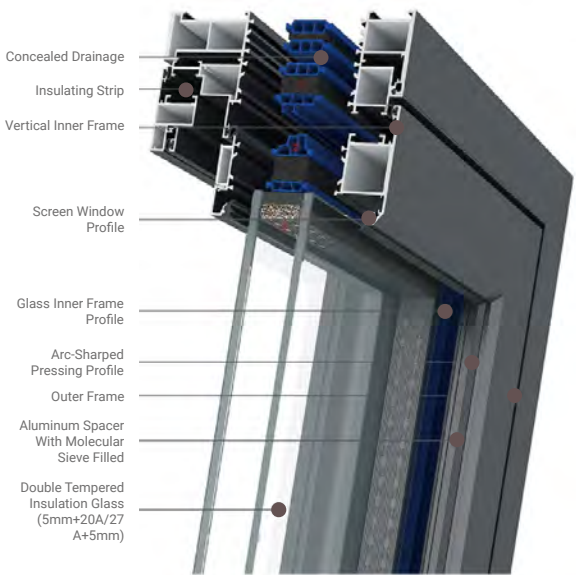
Optional Colors



Hardware Configuration



N100 Series Thermal Break | Tilt And Turn Window



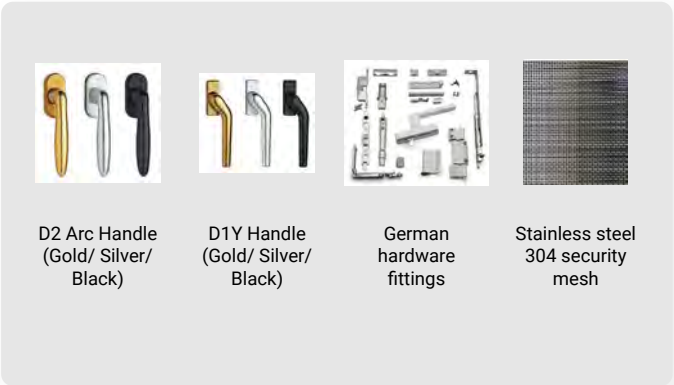
Product Data

Aluminum Thickness	1.8mm
Glass Panel	41 x 66mm
Recommend Size	800x 1500mm
Wall Thickness	100mm
Glass Slot	42mm
Standard Glass	5mm + 20A + 5mm
Hardware	German Brand
Mosquito Net	304 Stainless Steel Net
Open Way	Casement & Tilt And Turn

Optional Colors

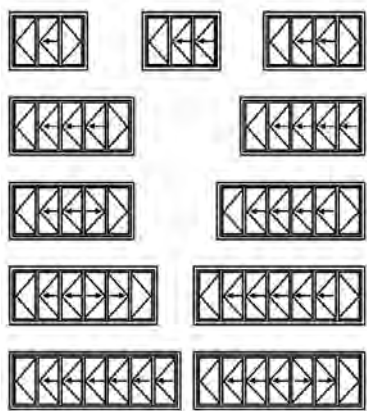


Hardware Configuration

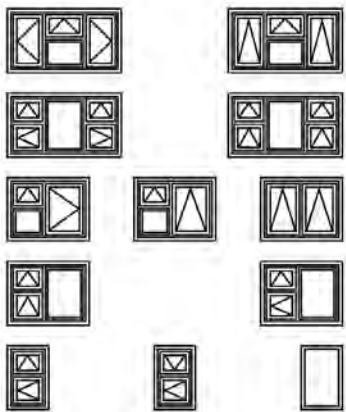


Opening Modes

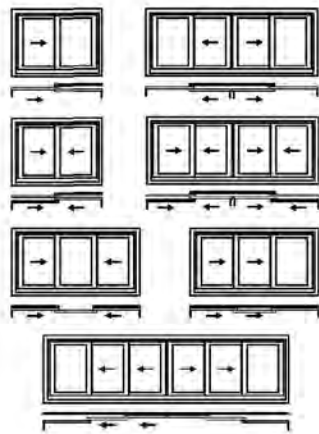
Bi-fold Doors



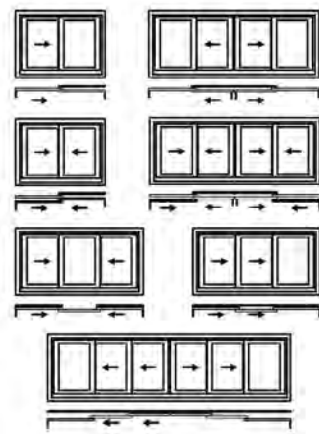
Casement Windows



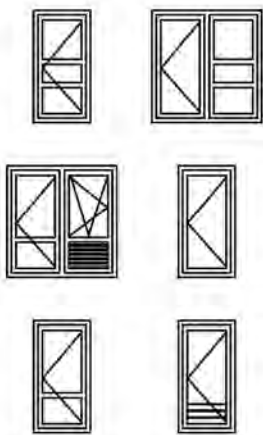
Sliding Windows



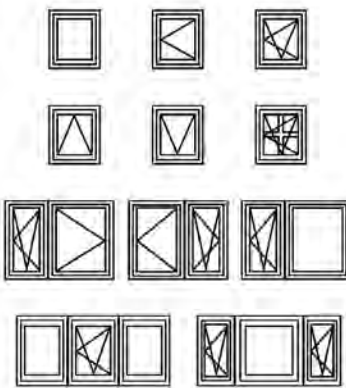
Sliding Doors



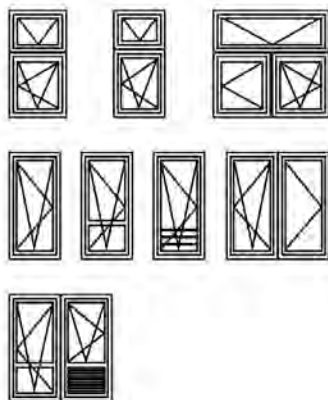
Entrance Doors



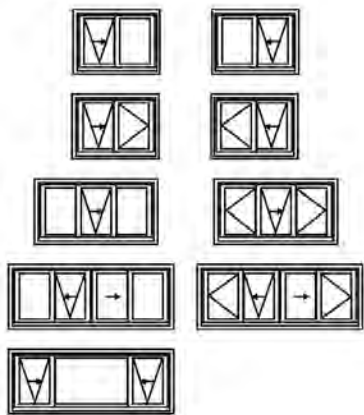
Tilt and Turn Windows

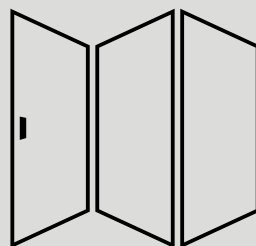


Tilt and Turn Doors



Tilt and Slide Doors





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