



PRIVACY & SOUND  
INSULATION

## INNOVATION, QUALITY AND RELIABILITY

We serve North America, and our philosophy of product innovation and service is reflected in our strict standards in comfort, safety, energy efficiency, and performance.

## AFTER SALES SERVICE

Customer satisfaction is our most important goal.  
TG-Blinds come with a support service.  
10 years Warranty





## LEADING SUPERIOR BLINDS BETWEEN GLASS

Blinds between glass give you privacy and light control. There is no need to touch the cord and clean the dust. TG-Blinds is a unique product of Aluminum blinds into tempered insulated glass. Through the magnetic control, the sheets in the insulated glass can be raised and lowered, and freely adjusted to any angle. The user can control the handle to make the glass full shade/semi-Transparent, or fully Transparent. The levels of light and privacy are yours to control using the easy operator. The full privacy channels eliminate light gaps, shadows, and sunlight glare.

YOUR TRUSTED GLASS  
OUTFITTING AND  
DISTINCTIVE  
SELECTIONS TO  
ENHANCE YOUR HOME.

The comfort and character of your home depends on a combination of small details and the tasteful coordination of your exterior finishing. We are relied upon the Green guideline products that embody the key principles of green building techniques. Our products are designed to maintain a high level of quality and energy efficiency in your home and office.



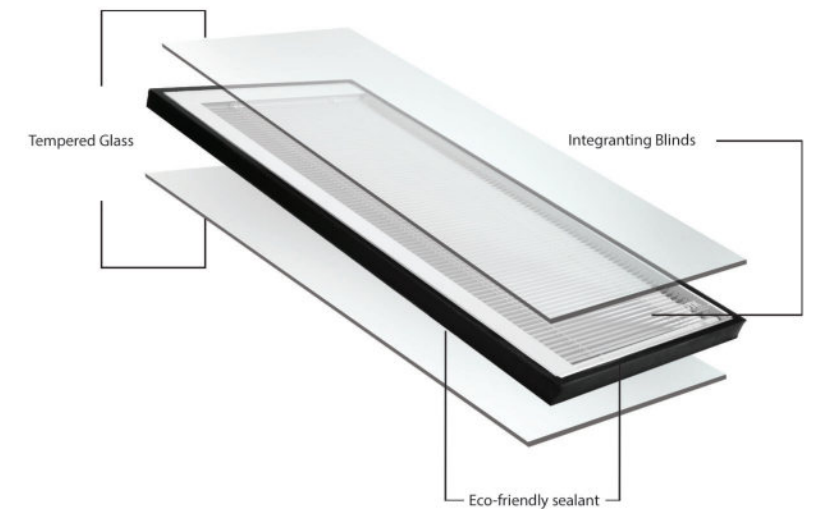


## ENERGY SAVING

TG-Blinds allow you to control the amount of sunlight and heat entering the room. Glass building is the 11.25% of the total global energy consumption. Our objectives are to make the products with the new techniques to reduce the energy consumption, energy saving, and be friendly with environment. Our products focus on technical innovation.

## YOUR ENERGY SAVINGS & SAFETY GLASS

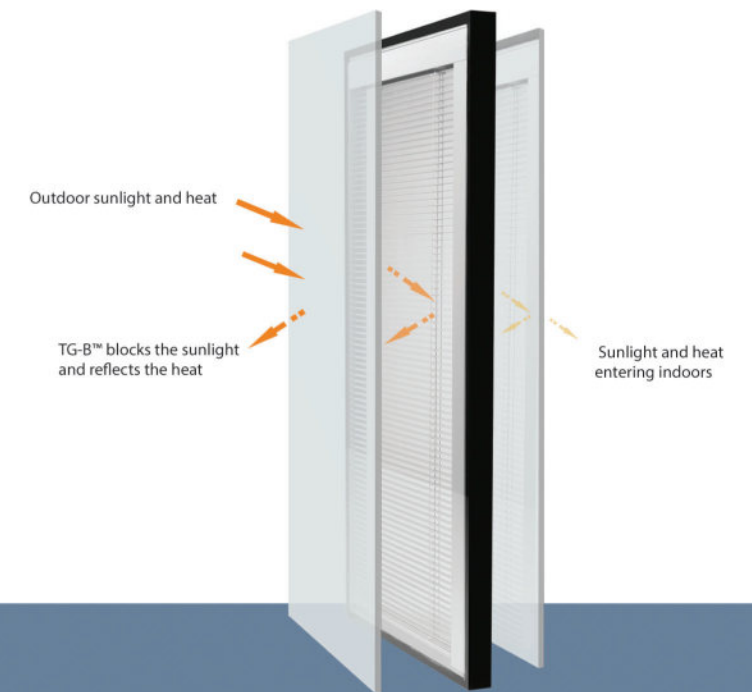
Our products focus on technical innovation. The product will take its energy savings and shading effect into full play when combining with Aluminum or vinyl system.



## ALMOST SAVE 45% OF THE ENERGY

TG-Blind reduce heating cost and allows for easy adjustment of sunlight and heat entering the room.

- 1) Blocks and reflects sunlight and heat
- 2) Prevents UV damage to interior décor
- 3) Maintains comfort and privacy levels



### Energy Efficiency Data

5mm+23A+5mm	Blinds lifted		Blinds closed	
	U Value (W/m2.k)	Sc	U Value (W/m2.k)	Sc
Clear glass	2.5	0.17	3.0	0.87
Low-E glass	2.5	0.17	2.5	0.61

## PRIVACY & SOUND INSULATION

Mini-Blinds can reduce the current noise levels by **50%** or more



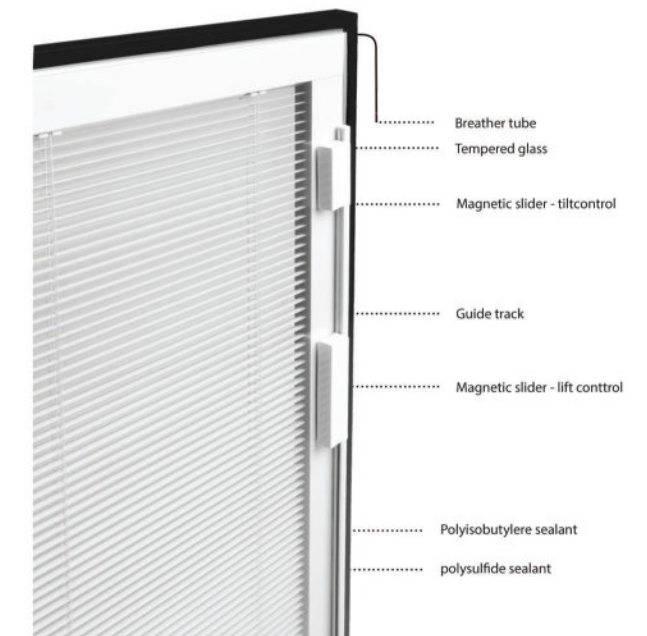
## COLOR

we are introducing five standard colors of Enclosed Blinds: White, Espresso, Slate Grey, Silver Moon, and Sand. With matching privacy channels and operators, the colors of your entry door blinds will always coordinate with your décor.

five standard colors are available to meet different decorative requirements



## MANUAL CONTROLLED



## APPLICATION

TG-Blinds can be used through high quality offices, luxury residents, Hospitals, Hotels, and other developments. TG- blinds are ideal for French doors, patio doors, and other exterior entry doors. Close them for complete privacy or open them up to connect with the outdoors and anything in between. The levels of light and privacy are yours to control with a fingertip operation, Because they're protected between glass.

# PRODUCT CATEGORY

## 1. BLINDS BETWEEN GLASS

Product Specifications

IG Thickness: 3.2/4 mm+ 19A+ 3.2/4/5/6/8 mm

Glass Type:

- ◆ Indoor: Tempered Clear Glass
  - ◆ Outdoor: Tempered Clear Glass, Low-E Glass, Laminated Glass
- Slat width: 12.5mm, 9.5mm  
 Color Options: White, Tan, Other colors should be customized

Heat transmission:  $K=2.0W / (M^2 \cdot K)$

Shading coefficient:  $SC=0.18$

Operation: Can be raised and lowered 180 degrees easily.



## 2. MINI-BLIND WITH GRILLS

Product Specifications:

IG Thickness: 3.2/4 mm+ 19A+ 3.2/4/5/6/8 mm

Grill Type: 18mm white contoured Grill

Glass Type:

- ◆ Indoor: Tempered Clear Glass
- ◆ Outdoor: Tempered Clear Glass, Low-E Glass, Laminated Glass

Heat transmission (clear glass):  $K=2.0W / (M^2 \cdot K)$

Shading coefficient:  $SC=0.18$

Operation: Can be raised and lowered 180 degrees easily through magnetic control

Blinds Slat Width Options: 12.5mm, 9.5mm



### ADVANTAGES OF OUR BLINDS BETWEEN GLASS:

- Sunshade, Dustproof, Sound insulation, Heat preservation, Energy savings.
- Magnetic control, raised and lowered or tilted can be controlled by single or double operator.
- Successfully passed 30,000 raised & lowered cycles test and 60,000 tilted tests.
- New thermal break profile. -94°F without condensation.
- Energy Efficient glass, Low-E, and Laminated glass available.
- Completely blocks exterior light when closed, and provides full privacy.

# PRODUCT PERFORMANCE

Custom sizes available

Blinds for windows are available.

Sliding Door sizes available



- Heat preservation performance reached level 7.
- Shading coefficient is 0.18
- Lighting performance reaches level 5
- Sound insulation performance can reduce 27-50 decibels on the outdoor noise
- No Condensation up to -60 degree
- Ultraviolet irradiation for 168 hours, no frosting or pollution on the surface
- Past 672 hours high temperature resistance test

#### GLASS SIZES

- 08x48
- 08x36
- 08x80
- 07x64
- 08x64
- 20x48
- 22x48
- 20x80
- 22x80
- 20x64
- 22x64
- 02x36
- 22x36

Shading coefficient	Slats Vertical	Slats Parallel	Slats closed
Mini-Blind glass	0.18	0.83	0.90
Triple Pane Blind glass	0.13	0.77	0.82
Heat Transmission	Slats Vertical	Slats Parallel	Slats Closed
Mini-Blind glass	$K=2.0W (m^2 \cdot K)$	$K=2.7W (m^2 \cdot K)$	$K=2.9W (m^2 \cdot K)$
Triple pane blind glass	$K=1.8W (m^2 \cdot K)$	$K=2.0W (m^2 \cdot K)$	$K=2.1W (m^2 \cdot K)$
LowE Mini-Blind glass	$K=1.8W (m^2 \cdot K)$	$K=2.1W (m^2 \cdot K)$	$K=2.4W (m^2 \cdot K)$

## PRODUCT FEATURES:

- **HIGH QUALITY ALUMINUM PROFILE:**

- Special painting treatment on the surface, good touch and delicate exterior, excellent UV protection

- **HIGH DENSITY NYLON LADDER CORD:**

- Not easy to break, life time warranty.

- **EXPORT EXQUISITE SLAT:**

- Make slat strictly according to export standard, good toughness, not easy to cause deformation.

- **MAGNETIC CONTROL HANDLE:**

- Only slight pull, blinds can be raised and lower or tilt easily



## NEW FUNCTION INNOVATION:

### 1. SINGLE OPERATOR CONTROL

Blinds raise and lower or tilt controlled by single handle. It can be tilted at any position when blinds raise or lower. TG-Mini-Blind break through the traditional operation way, which is cord rub against roller design, but use clutch mechanism, it makes operation more fluent and stable.

### 2. NEW ENERGY-SAVING PROFILE

The new profile uses compound polyamide with thermal conductivity of 0.21w/m. k. The surface of this new material adopts strips design, reduces the contact area with glass, and minimizes heat reduction, and increases energy-saving. Our new profile blinds can effectively prevent the frost within -94°F environment.

It is also suitable for large temperature difference environments. It can effectively prevent the build-up of frost on doors and windows by using TG new-energy saving profiles to make your rooms more comfortable.

### 3. BETTER SHADING EFFECT

TG-Blinds break away from the traditional operation of cord rub. When the traditional Venetian blinds are closed, some light will still come through the blinds. Our newly developed blinds, when closed, can blocked 100% of the light.

### 4. PREVENT LOWE SCRATCHED

The newly developed blinds can prevent the friction of cord rub against roller design. Using a clutch mechanism makes operation more fluent and stable. The blinds pass 10,000 cycles test, there is no scratch marks on the Low-E film surface. Applied to both hard coat Low-E glass and soft coat Low-E glass.

### 5. NEW AIR COMPENSATION SYSTEM.

Newly developed gas compensation structure can effectively balance the internal and external pressure of the blinds between glass through the gas compensation system, to ensure that the Argon of the blinds between glass cavity is not leaked. The gas compensation system is used for the Argon-filled, which makes up for the shortage of the Argon-filled products. To make the function of Argon filed blinds in a better way.