

## 6mm+12A+6mm Clear Toughened Double Insulating Glass Units China Factory



### About 6mm+12A+6mm Clear Tempered Insulated Glass (Double or Triple Glazing Glass)

6mm+12A+6mm clear tempered insulated glass unit consists of two panels 6mm clear tempered glass separated by an aluminum spacer and sealed together at the edge. The insulating airspace is filled with dry air or a noble gas, such as argon or krypton inside to slow the heat exchange and reduce noise levels. The aluminum spacer is filled with desiccant to ensure removal of any moisture in the air. The IGU is designed to keep homes warmer in the winter and cooler in the summer.



## 6mm+12A+6mm Clear Tempered Insulated Glass Characteristic

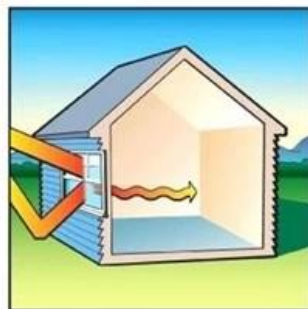
### A Solution for Solving the Solar Heat Gain Coefficient Dilemma

The solar heat gain coefficient (SHGC) is a number that represents the fraction of solar radiation admitted through a window, both transmitted and absorbed, and subsequently released inward. The lower a window's solar heat gain coefficient, the less solar heat it transmits, which therefore leads to greater shading ability. Climates that rely heavily on air conditioning will benefit from a window product that displays a lower SHGC. As shown, the Solarban 60 unit will outperform the standard clear unit by as much as 49%.

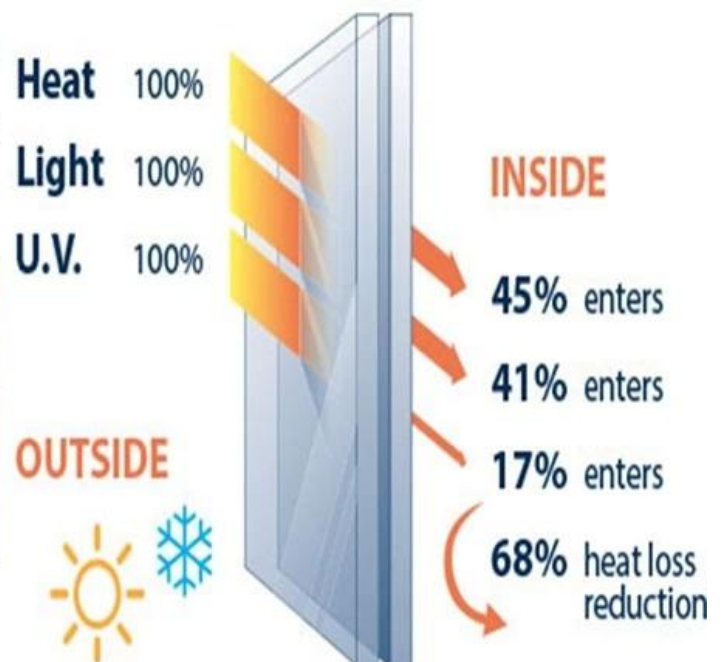
### Summer Solar Heat



Standard clear unit  
Conventional aluminum spacer  
Air Fill  
SHGC - 0.75



Solarban 60 unit  
Intercept spacer  
Argon Gas Fill  
SHGC - 0.38



### 1. Optical Performance

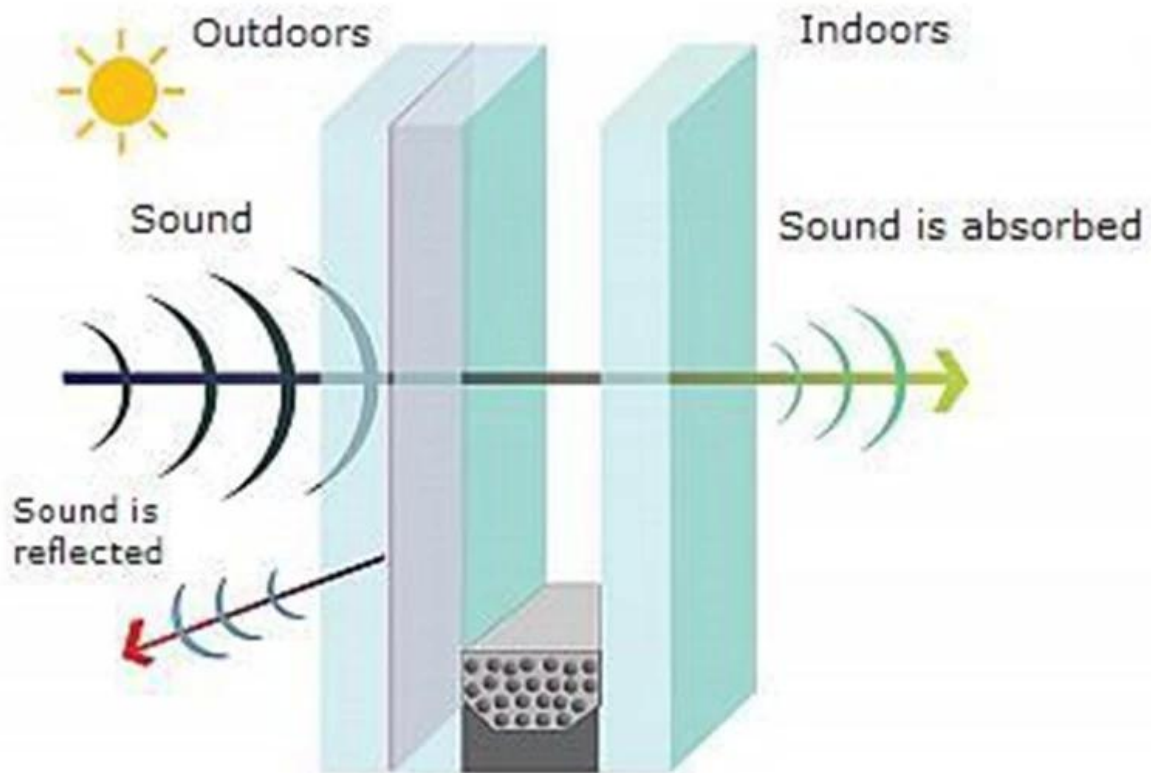
The 6mm+12A+6mm clear insulated glass systems has very high visible light transmittance, and low visible light reflectance;

### 2. Thermal Performance (Heat Proof)

The U-value is effectively lowered by double glazing units and can be further reduced by filling of inert gases like argon gas;

### 3.Sound Proof

Insulated glass has good sound proof function, can reduce noise by more than 30 dB;



### 6mm+12A+6mm Clear Tempered Insulated Glass Application

- Exterior UPVC Windows and doors;
- Outside Facades and curtain walls;
- Interior partition and Freezer;
- Skylight and Greenhouse
- Many others.

### 6mm+12A+6mm clear toughened double glazing glass warehouse





**The Insulated line of KXG Factory produce 6+12A+6 clear tempered double glass**



The packaging of 6+12A+6 clear tempered insulated glass



