

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

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

6mm+12A+6mm clear tempered insulated glass unit consists of two panes [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 silica desiccant pellets to ensure removal of any moisture in the airspace. The IGU is designed to keep homes warmer in the winter and cooler in the summer.

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

### Optical Properties

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

### Thermal Properties

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

### Acoustical Insulation

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

### Condensation

The dew point of JIMY GLASS insulating glass is below -65 °C which guarantees no condensation formation under normal applications;

### Sealing

Aluminum spacer is automatically curved and formed with the fewest joints and dual seals are applied, which ensures excellent sealing characteristics and long application life-time.

## **6mm+12A+6mm Clear Tempered Insulated Glass Specification**

Size: Max: 2500mm\*4000mm, Mini: 180mm\*350mm

Spacer Fill: Dry Air, noble gas like Argon, etc.

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

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

## **Insulated Glass Warehouse**



## **Insulated Glass Production Line**



**Insulated Glass Safety Loading**

