

# Custom made heat resistant and sound control curved double glazing insulated glass factory

## Introduction of curved double glazing glass

Curved insulated glass, also call curved IGU, curved double glazed units, it is a kind of heat resistant and sound control glass, made by two or more panes of curved tempered glass separated by the aluminum spacer and sealed together at the edge. The insulating airspace is filled with dry air or a noble gas (such as argon gas), 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. It is designed to keep interior warmer in the winter and cooler in the summer.



## Characteristic of curved tempered insulated glass

### 1. Customized design

[Kunxing Glass](#) could custom made any composition curved insulated glass to match owners or designers any requirements like high light transmittance, excellent solar heat reflection performance, low U-value, etc.

### 2. Thermal Properties

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

### 3. Acoustical Insulation

Insulated glass has good sound proof function, can reduce noise from 80dB to 40 dB;

### 4. Condensation

Our bent insulating glass is without any fog even the temperature is reach to  $\pm 50^{\circ}\text{C}$ , to make sure the

glass could be used very long time even in severe weather.



### Curved insulated Glass Type:

Clear curved tempered insulated glass, [ultra clear low iron tempered insulated glass](#), curved reflective laminated insulating glass, low-e tempered laminated insulated glass, color decorative curved insulated glass, triple curved safety insulated glass, any customized compositions



### Toughened insulated curved glass application

1. [Windows and doors](#);
2. Structural facades and architectural curtain walls;
3. Interior partition walls and shopfronts;
4. Refrigerator and any others.

