

# **Energy saving 5mm+9A+5mm clear low-e insulated glass manufacturer**

## **About 5mm+9A+5mm Clear low-e Insulated Glass**

5mm+9A+5mm clear low-e insulated glass unit consists of one pane 5mm clear glass and one panel 5mm low e 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.

## **Characteristic**

### **Optical Properties**

The visible light transmittance of 5mm+9A+5mm clear low e insulated glass systems is about 80% and the visible light reflectance is about 10%;

### **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.

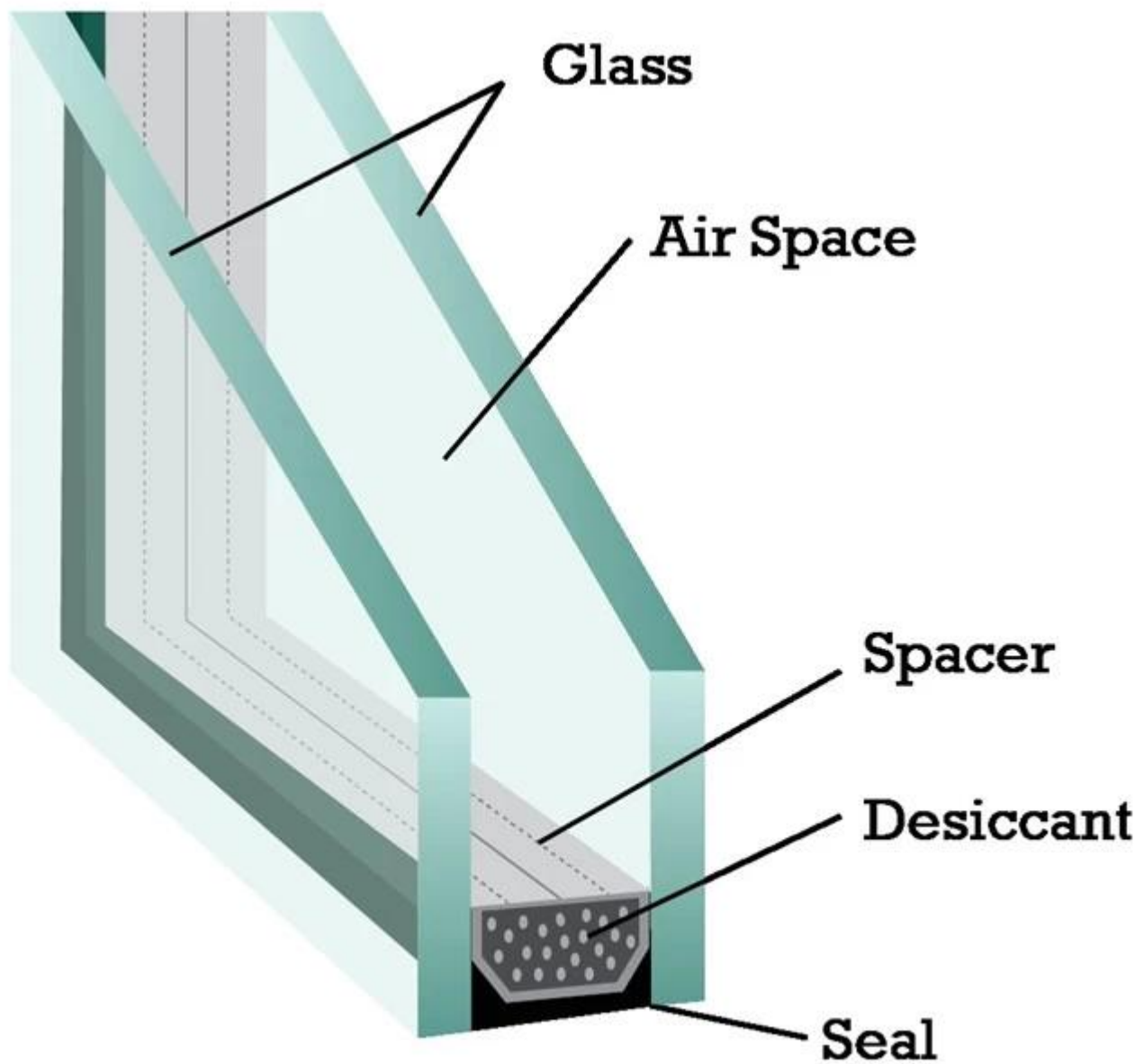
## **5mm+9A+5mm Clear Low-e Insulated Glass Specification**

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

Glass Type: annealed clear insulated glass units and toughened clear insulated glass units

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

### **Insulated Glass Unit Composition**



### **Insulated Glass Production Line**



**Insulated Glass Warehouse**

