China glass factory insulated glass panels hollow glass for curtain wall building facade

Introduce of the insulated glass

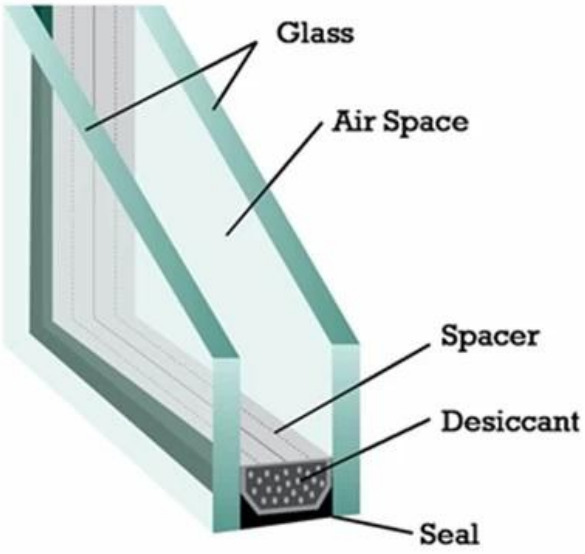
Insulated glass consists of two or more pieces of glass. The different pieces of glass are filled with desiccant. The hollow space is inflated with dry air or inert gas and sealed with butyl rubber, polysulphide sealant, or structural adhesive, to form glass with dry space.

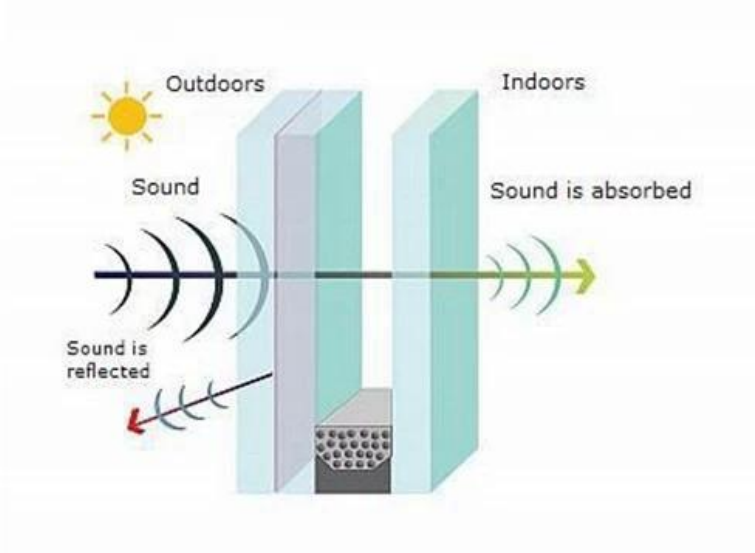
Advantage of insulated:

1. Well heat-proof: Single-layer glass, the sunlight entering the room will produce a greenhouse effect, part of the sunlight shining on the glass will be reflected to the outside, and the other part will enter the room to increase the indoor temperature. Due to the large heat transfer coefficient of glass, hollow glass can not only reduce the heat conduction, but also reduce convective heat transfer and radiant heat transfer.

2. Sound-proof: Various outdoor noise transmitted through the air medium. When the noise is transmitted to the hollow glass doors and windows, it is gradually attenuated by the hollow glass to achieve the sound insulation effect.

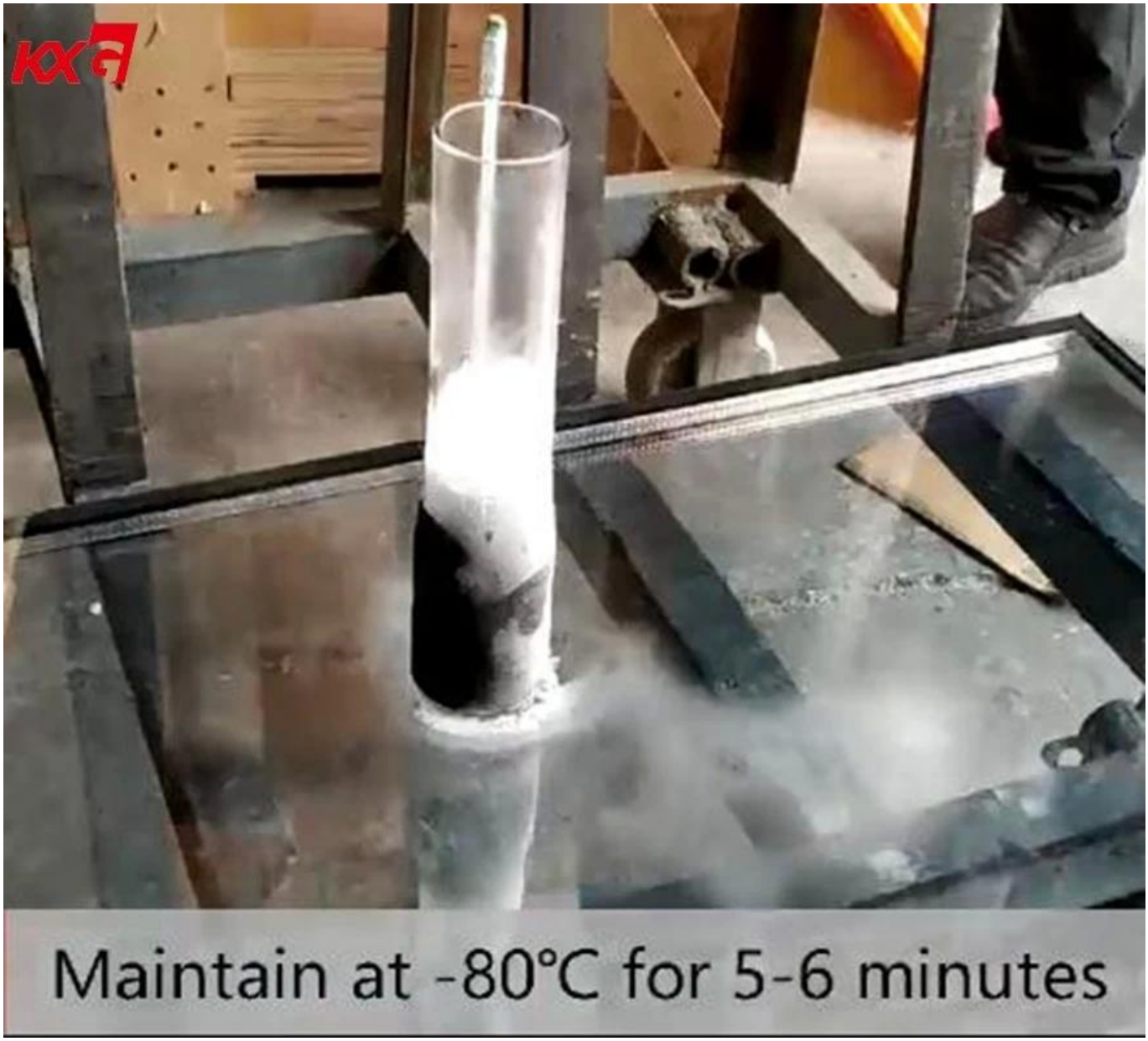
3. Hollow glass as a curtain wall allows more light to enter the building, making the interior brighter, and Lower self-weight of building.





Insulated glass Dew Point Test:

During the use of insulating glass, when the ambient temperature is reduced to the dew point in the dry air layer, the surface of the dry air layer will produce dew or frost. The performance of insulating glass is affected by condensation or frost on the inner surface of the glass. If it is ensured that the air layer does not condense above minus 40 degrees Celsius, there will be no air layer condensation during the use of insulating glass.



Packing:

1. Separate each piece of glass with a cork mat.
2. Suitable for shipping and land transport strong export wooden crates or carton.
3. Iron belt or another material belt for consolidation.
4. Each box contains desiccant.

HYUNDAI