

Outstanding 2750mm X 6200mm jumbo size curved insulating glass windows manufacturers



Similar to flat insulating glass windows, jumbo-size curved insulating glass windows can also be manufactured. The insulation function is reached because two curved panels with a hollow filled with air are assembled by means of a frame.

Curved glass links freedom in architectural design to the advantages and qualities of glass products.



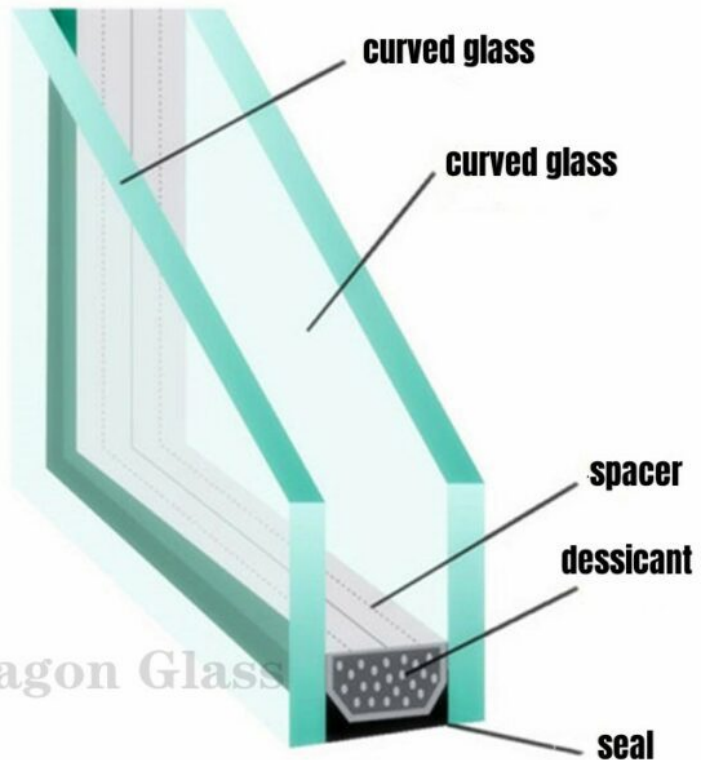
insulating windows glass

What are curved insulated glass windows?

Curved insulated glass windows are made of one panel of clear or Low-E clear or clear laminated curved glass and the other clear or Low-E clear or clear laminated glass panel to be separated by an aluminum spacer, and then sealed with butyl sealant and structural sealant to achieve energy-saving and soundproofing functions.

This "built-in" layer of air has an insulating function. Nowadays, this effect is reinforced by the fact that people do not merely use curved glass that is covered in a special

layer, which poorly reflects or conducts the heat, but also fills the intermediate space with special gasses that do not let in much heat.



curved insulating glass

Jumbo-size curved glass windows dimensions and radii

The maximum size of curved glass windows depends on the type of glass, the dimensions, and the radii of curved glass sheets. The curved shape can be achieved either by a curved tempering process to get the safety glass.

We have 8 curved tempering machines that allow us to create more possibilities. Fully tempered or heat-strengthened curved insulating glass windows are available in the following dimensions:

▪ **Double Curved**

- Maximum size: 2400mm x 6000mm
- Minimum size: 500mm x 500 mm

▪ **Dimensions for a reverse bending minimum radius of 1800 mm**

- Maximum size: 2400mm x 5000mm
- Minimum size: 500mm x 500 mm

▪ **Dimensions for a minimum radius of 1500 mm**

- Maximum size: 2750mm x 6200mm
- Minimum size: 500mm x 500 mm

▪ **Dimensions for a minimum radius of 1000 mm**

- Maximum size: 2400mm x 5000mm
- Minimum size: 500mm x 500 mm

▪ **Dimensions for a minimum radius of 900 mm**

- Maximum size: 1800 x 2440mm
- Minimum size: 500 x 500 mm

▪ **Dimensions for a minimum radius of 800 mm**

- Maximum size: 2000 x 3600mm
- Minimum size: 500 x 500 mm

- **Dimensions for a minimum radius of 420 mm**
 - Maximum size: 1200 x 2000mm
 - Minimum size: 500 x 500 mm

Other dimensions are available on request. Here are also some small-sized glass projects for your reference. [Curved glass project ↗](#). Contact us for further information and regarding the technical feasibility of the required application.



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Best insulating glass windows glass type

A great variety of glass types can be used for the configuration of curved insulating glass windows, depending on

the required application. All individual glass sheets of which the unit consists are: heat-strengthened and/or fully tempered and/or laminated.

Glass types available for use in curved insulating glass windows:

- Low-E glass,
- Solar control glass
- Float glass,
- Etched glass,
- Low-iron glass,
- Tinted glass,
- Patterned glass,
- Screen-printed glass,
- etc.



curved insulating glass windows

Benefits & Performance

The performance and appearance of Shenzhen Dragon Glass curved insulating glass windows can be modified by incorporating different glass types, and different glass thicknesses and by altering the width and filling of the cavity space. The windows units can comprise different glass types to combine thermal insulation with solar control, safety, security, acoustic insulation, vision control, and decoration.

Our perfect solution for adding new curved designs to window walls. As it can be used in many different configurations for a large variety of applications and provides outstanding

features such as the following:

- Enhanced thermal insulation;
- Advanced solar control;
- Improved level of comfort;
- Lower energy costs for heating and cooling, especially using low e Insulating glass windows;
- Protection of natural resources and the environment;
- Provides an excellent soundproofing function;
- Decorative, make a super fantastic appearance!



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How to insulate glass windows from heat? How to insulate glass windows from cold?

A best insulating glass windows are an excellent way to keep your home at a comfortable temperature without having your curtains closed. the space between the two panes of glass will still let sunlight through but better keep out the heat and cold.

Accounting for solar heat gain during the summers and substantial heat loss during winter. Effective window insulation limits heat loss and also helps regulate the temperature of the interior glass. They are also incredibly effective since they increase energy efficiency in your home.



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Production details:



Jumbo size curved glass



Jumbo size curved laminating glass



Jumbo size curved laminating glass



Jumbo size curved laminating glass

If you are interested in including oversized insulating glass windows on your own architectural project, just get in touch with the team at [Shenzhen Dragon Glass](#). We can help advise on solutions, glass specifications, performance, and typical details. We can also give you an overview of what will be possible for your specific project requirements.