

# Superior features 10mm+9Ar+8mm low-iron curved acoustic double glazing doors and windows manufacturer



*Double glazing doors and windows are an important part of any modern building project. It's a necessary step for creating energy efficiency, protecting from outside noise, increasing security, and ensuring against weather damage.*

*Double glazing technology is not easily defined, as it has numerous elements that all play a role in its effectiveness – processes such as two-paned glass with an insulating gas between the panes, spacer frames designed to reduce heat transfer through convection, additives used to improve visibility and durability, etc.*

*In this blog post, we will dive into the various construction components of double glazing doors and windows that make them so effective at providing insulation from external conditions.*

## **Double glazing doors and windows, what is it and how does it work?**

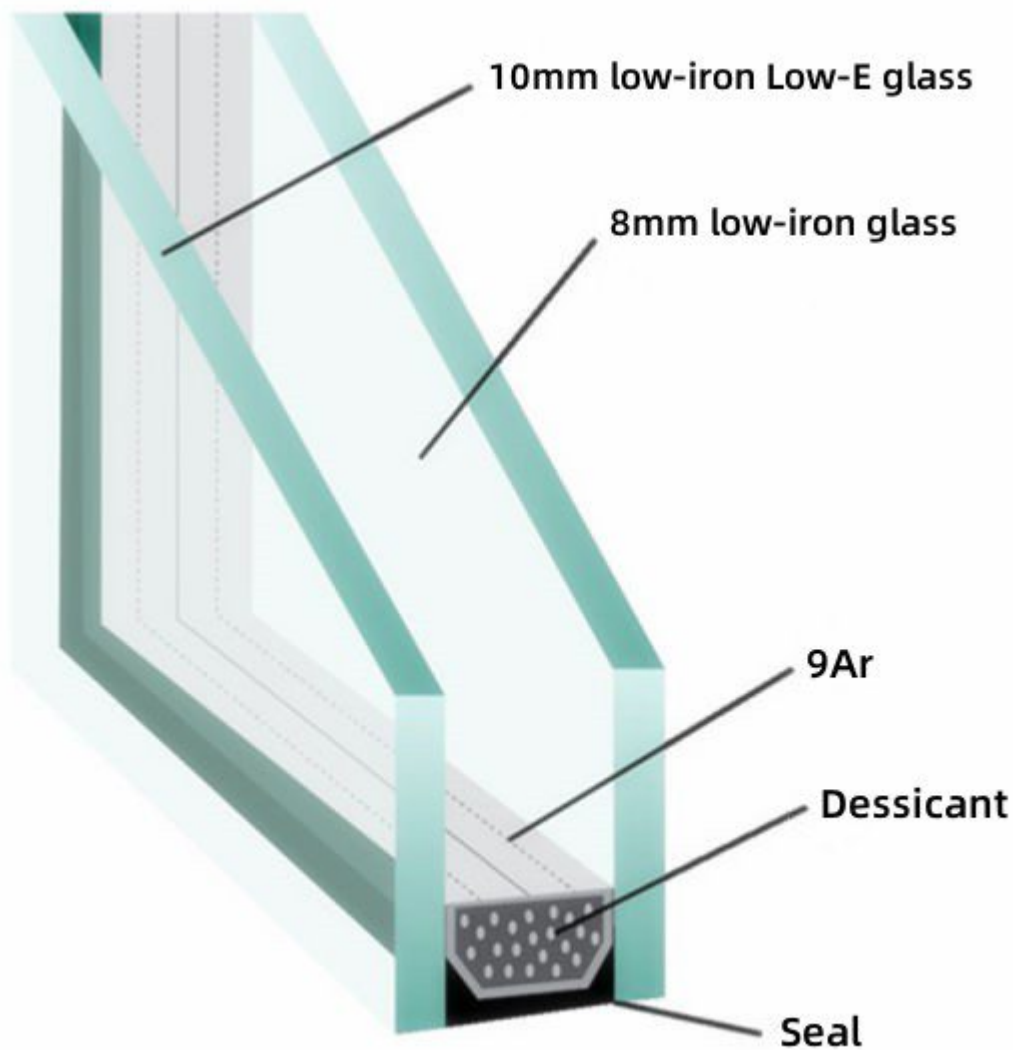
Double glazing doors and windows are an innovative way to improve the insulation of your home, business, or any other space.

This type of glazing is made of one panel of 10mm clear low e curved glass and the other 8mm clear curved 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.

The 9A spacer is filled with moisture to prevent the vapor and air from penetrating.

The use of argon between the layers of glass allows less heat to escape and less cold to enter because they have a higher density.

The curved shape can be achieved either by a hot bending process or a curved tempering process.



## What are the double glazed window benefits?

Double glazing doors and windows offer numerous benefits:

### 1. **Improved energy efficiency**

Double Glazing will significantly reduce the costs of heating and cooling and contribute to a reduction in

greenhouse gases. By reducing drafts and heat loss, double glazed door and window unit can also lower your energy bills and save money in the long run.

## **2. Reduced noise transmission**

The double glazing doors and windows soundproof effect reduces noise pollution and creates a quieter, more peaceful environment. This, in turn, can lead to improved sleep and increased productivity.

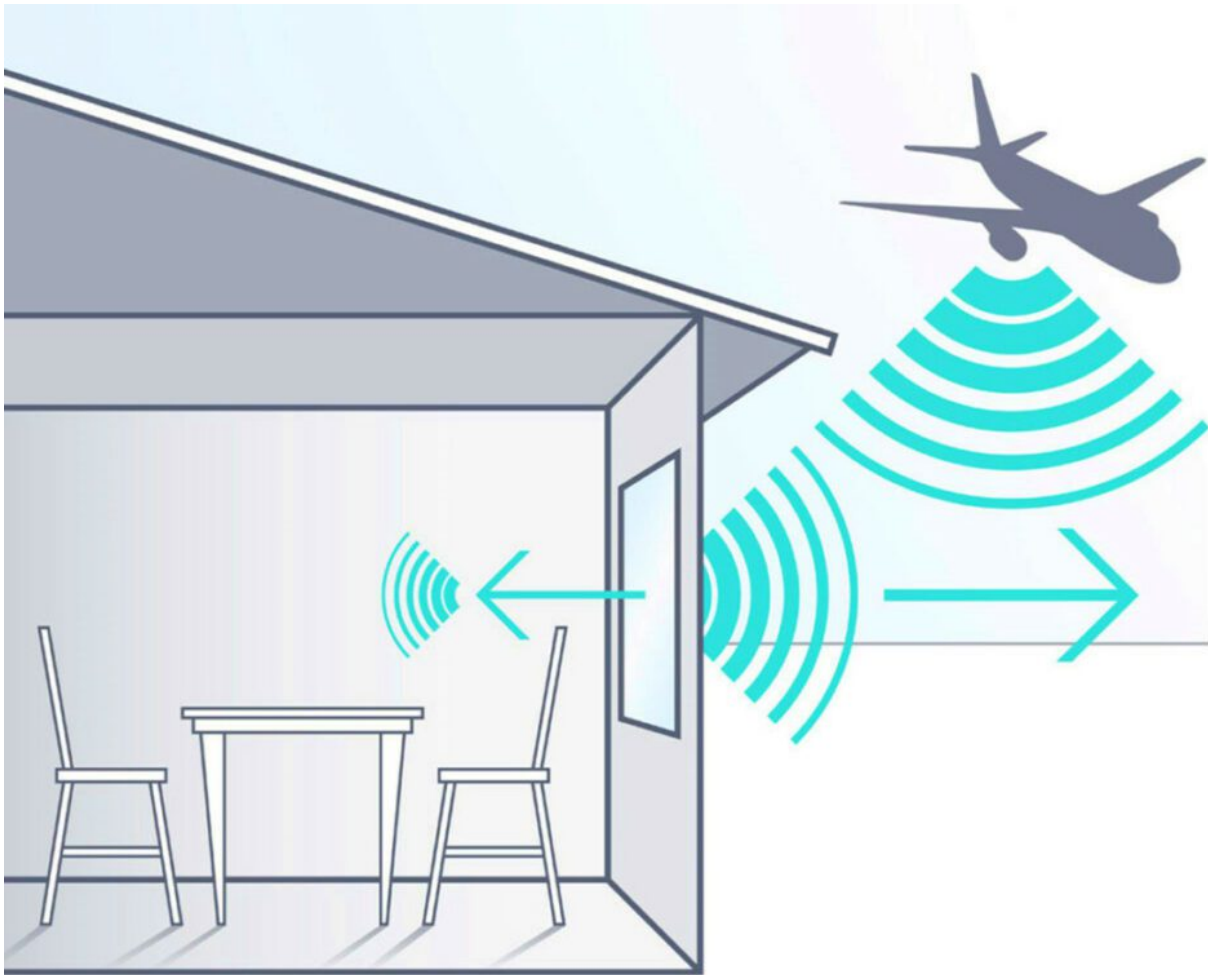
## **3. Improved comfort**

double glazing doors and windows can help eliminate cold spots around windows, ensuring a more comfortable and consistent temperature throughout your home or office.

## **4. Increased security**

The use of thicker glass or special laminated glass in your double glazed door and window units will further improve security.

Overall, investing in double-glazed windows and doors is a smart choice for anyone looking to improve their property's comfort, energy efficiency, and value.



*double glazed window soundproof*

## **Different types of double glazing options are available.**

When it comes to double-glazing options, there are various choices available for both doors and windows. Depending on the level of security or noise reduction you require. Each of these glass materials has its own set of benefits, so it's essential to consider which one is best suited for your specific needs to choose between different types of glass.

**When ordering or specifying an insulating glass unit, state the following:**

- **Outer glass thickness and type:** [toughened glazing](#), laminated glazing, [decorative glass](#);
- **Outer glass coating position** (if applicable)
- **Airspace (spacer) width:** 6A, 9A, 12A, 15A, etc
- **Spacer type and color** (mill finish aluminum is standard)
- **Argon Gas** if required.
- **Inner glass thickness and type:** toughened glazing, [laminated glazing](#), decorative glass;
- **Inner glass coating position** (if applicable)



## What is double glazed window price? The cost of double glazing vs single glazing.

When it comes to choosing new windows for your home, you are likely to be faced with a choice between single-glazing and double-glazing.

While single glazing may seem like the more budget-friendly

option at first, it is important to consider the long-term benefits of double glazing. Not only does it provide better energy efficiency and noise reduction, but it can also increase the value of your home. Of course, with these benefits comes a higher price tag for double-glazed windows compared to single-glazed ones. However, it's important to consider the potential savings on energy bills over time, which may offset the initial cost.

Ultimately, the decision on which type of window to choose will depend on your budget and home improvement goals.

## **Quality:**

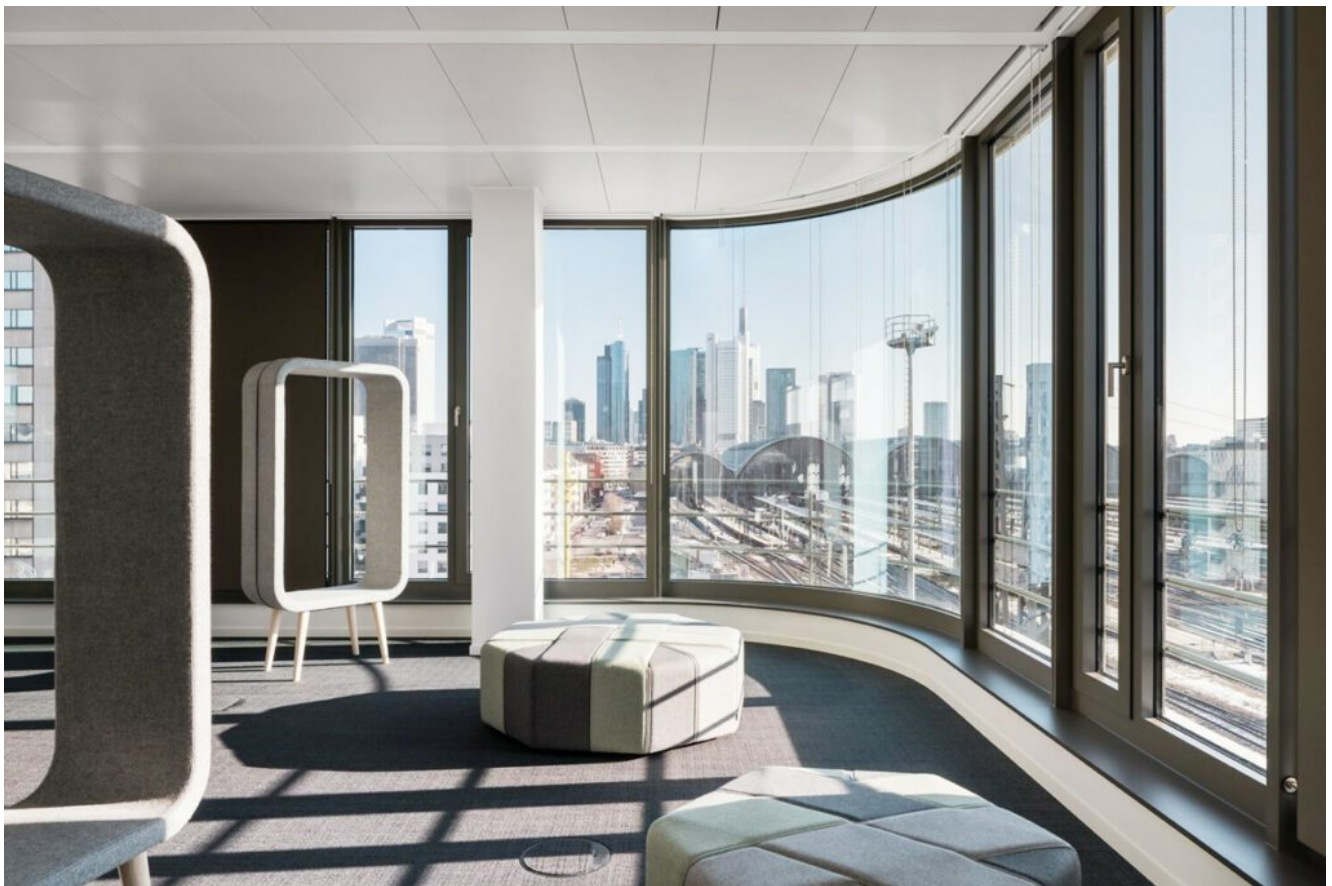
- Subject to BS;
- Subject to AS;
- Subject to ASTM;
- Subject to CE.

## **Applications:**





*curved acoustic double glazing doors and windows*



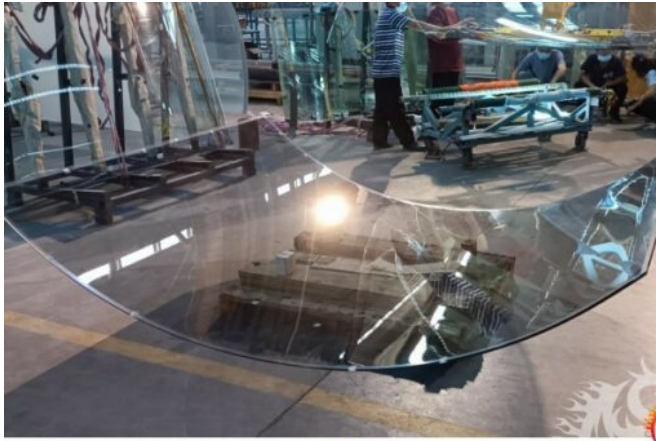
*curved acoustic double glazing doors and windows*





*curved acoustic double glazing doors and windows*

**Production details:**



**Packing and delivery:**





**Certificate**□



Overall, with so many designs available, you're sure to find something to fit in perfectly with your interior aesthetics and style. In addition, opting for a cost-effective option is key to getting the best value for money when it comes to purchasing double-glazing doors and windows.

So don't hold off any longer – contact [Dragon Glass](#) today and upgrade your building with a beautiful, energy-efficient double-glazed door and window unit!