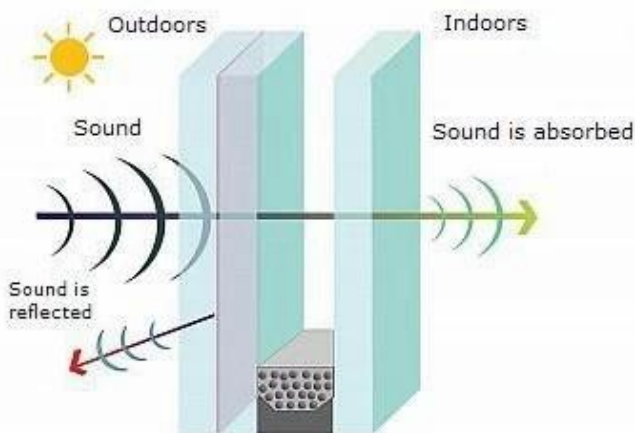
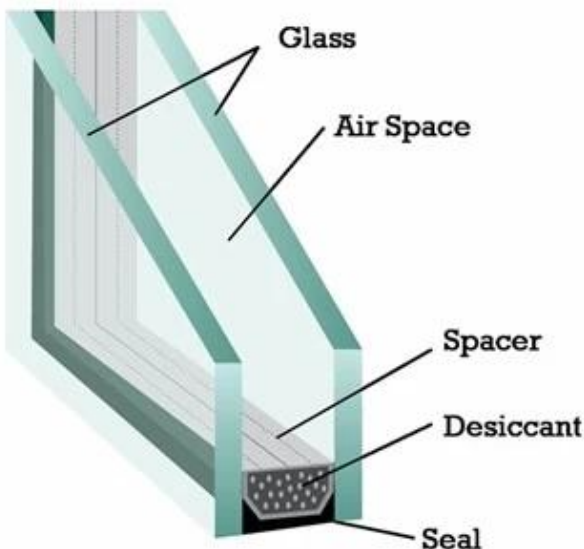


Insulated glass units (IGUs) are used in a wide range of applications, from residential windows to commercial buildings. They provide energy efficiency, noise reduction, and protection against UV radiation. The most common type is double-paneled IGU, but triple-paneled units are also available for higher performance. The space between the panes is filled with an inert gas, such as argon or krypton, to improve thermal insulation. IGUs are also used in automotive windows and aircraft cabin windows.

Tempered Insolated Glass 簡介

Tempered Insolated Glass (TIG) is a type of insulated glass unit (IGU) that is made from tempered glass. It is designed to provide enhanced safety and security. The glass panes are treated with a heat treatment process that makes them stronger and more resistant to impact. In the event of a break, the glass fragments into small, blunt pieces that are less likely to cause injury. TIG is commonly used in applications where safety is a primary concern, such as in high-rise buildings, airports, and public transport vehicles. It also offers excellent thermal insulation and noise reduction properties.



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1. Energy efficiency: IGUs provide excellent thermal insulation, reducing energy consumption and lowering utility bills. The air space between the panes acts as a barrier to heat transfer, keeping the interior warm in winter and cool in summer.
2. Noise reduction: IGUs are designed to reduce noise from the outdoors, creating a quieter indoor environment. The multiple panes and air space help to absorb and reflect sound waves.
3. UV protection: IGUs block out harmful UV radiation, protecting the interior surfaces and furniture from fading and damage. This is particularly important in sunny climates or for buildings with valuable artwork or historical significance.

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