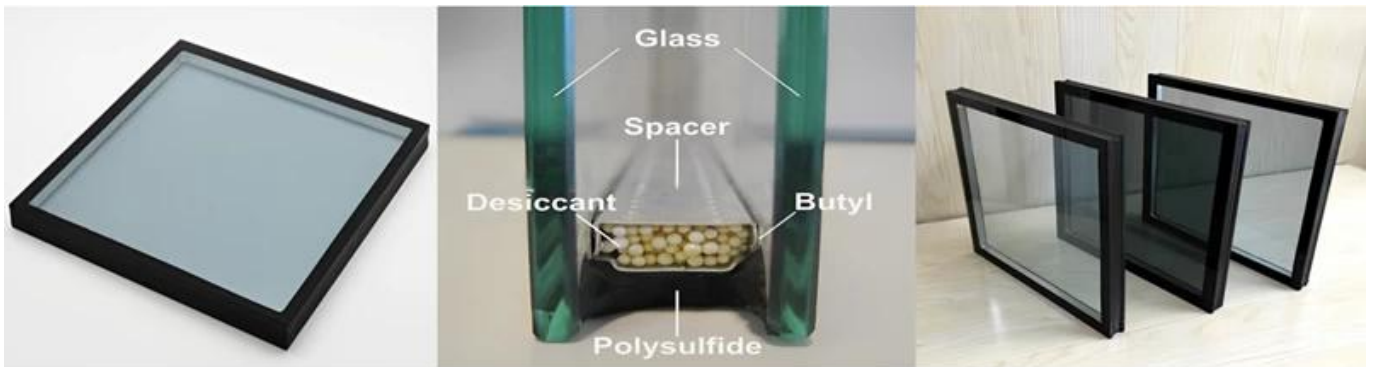


What is insulated glass?

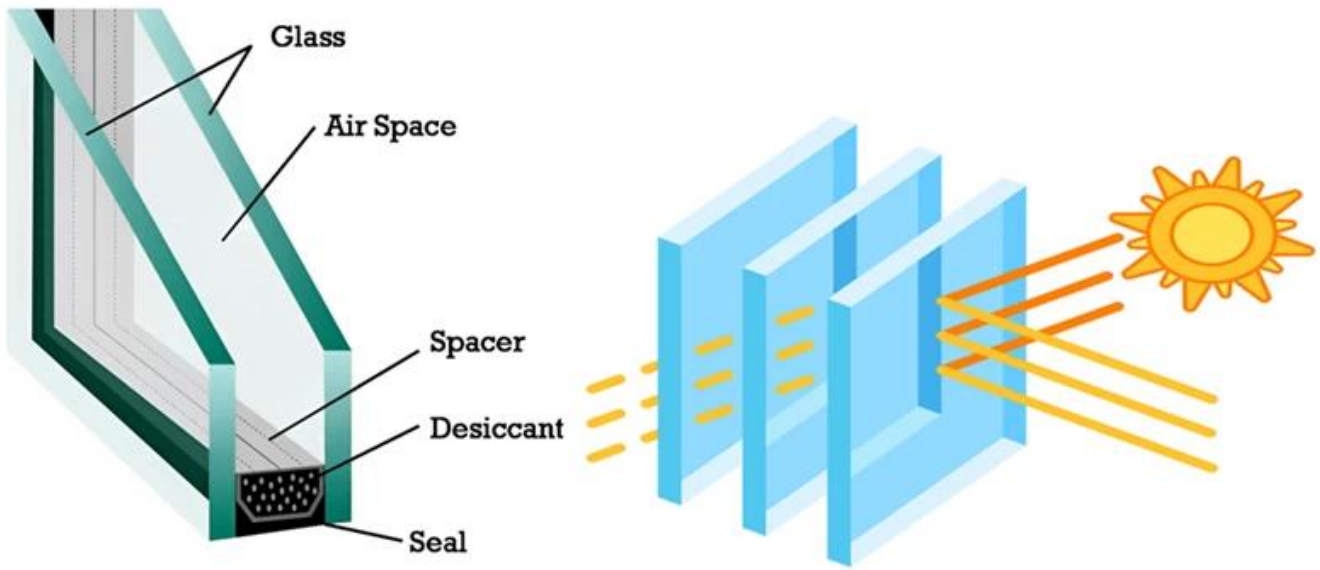
The main feature of insulating glass is that it has good heat insulation, [sound insulation](#) and anti-smog effects, and is suitable for various construction and industrial applications.



Advantages of insulated glass

The [thermal insulation](#) properties of insulating glass are one of its greatest advantages. By adding gas between the glass panels, insulated glass can effectively reduce the conduction of heat and improve the energy efficiency of the building. In winter, insulating glass can block the loss of indoor heat and keep the room warm; in summer, it can prevent outdoor heat from entering and keep the room cool.

Combination	Visible			Solar Heat		U-values		Shading Coefficient
	Visible Trans	Visible Reflect		SHGC	Relative Heat Gain W/□	Winter Nighttime W/□K	Summer Daytime W/□K	
		Outdoor	Indoor					
5C+6A+5C	81	13	13	0.76	574	3.06	3.29	0.87
5C+9A+5C	81	13	13	0.76	573	2.80	3.06	0.87
5C+12A+5C	81	13	13	0.76	573	2.67	2.93	0.87
6C+6A+6C	80	12	12	0.74	561	3.04	3.27	0.85
6C+9A+6C	80	12	12	0.74	560	2.79	3.04	0.85
6C+12A+6C	80	12	12	0.74	560	2.66	2.91	0.85



In addition, insulating glass can effectively insulate sound. Due to the spacing between glass panels, insulating glass can reduce the transmission of external noise and create a quiet and comfortable indoor environment. Especially suitable for noisy urban environments or places where privacy needs to be protected.





Insulated glass also has the function of preventing haze. In modern cities, the smog problem is becoming increasingly serious, posing a great threat to people's lives and health. By isolating indoor and outdoor air, insulated glass can effectively reduce the entry of haze particles and provide a clean and healthy indoor environment.

Application of insulated glass

As a high-performance glass product, insulating glass can not only provide good heat insulation, sound insulation and anti-haze effects, but also has the characteristics of beauty and durability. It is widely used in office buildings, residences, hotels, shopping malls and other construction fields, creating a more comfortable and healthy indoor environment for people.



