

Exterior building material light weight thermal control low e double glazing glass facades factory DGU

Light weight insulating glass curtain wall

Glass is one of the most popular and versatile building materials available today. Due to its ever-increasing solar and thermal properties, it is achieved by using passive and solar-controlled low-e coatings. Due to its characteristics, low-e [insulating glass](#) is increasingly used as an energy-saving glass curtain wall. We can call it a low-radiation insulating glass curtain wall, a light weight insulating glass curtain wall, a structural glass curtain wall, and an exterior wall glass curtain wall.



Advantages of energy-saving glass curtain wall

Low-radiation insulating glass, which is energy-efficient glass, sound-insulating glass, heat-resistant glass, responsible for 25%-30% of residential heating and cooling energy use through heat and heat loss from the window. It reduces energy loss through the window, reduces heating and cooling costs, and improves home comfort.

- 1) Two glass plates with low radiation protection and insulating argon between the panes, which help block 86% of the sun's UV rays. If three glass sheets will increase energy efficiency, the UV resistance can be as high as 88% or higher.
- 2) Safety and structural stability, the curtain wall is not to provide structural stability, but does reduce the sway of the overall building, thus making the structure more secure.
- 3) Glass curtains can enhance the appearance of the building and create a beautiful appearance.
- 4) The curtain wall can also provide additional protection against fire spread, especially in high-rise buildings.



KXG glass curtain wall

- Tempered insulating glass for low-intensity curtain walls, such as 5 + 6A / 9A / 12A + 5mm, 6 + 12A + 6mm low temperature tempered insulating glass, etc.
- Tempered insulating glass for curtain walls, such as 4 + 9A + 4mm, 5 + 9A + 5mm, 6 + 12A + 6mm, 8 + 16A + 8mm transparent tempered insulating glass.
- Low-temperature laminated double-glazed units for curtain walls, such as 10mm + 12A + 55.2 low-temperature tempered [laminated glass](#) curtain walls.
- Color reflective tempered insulating glass for exterior walls, such as colored silver, blue, green, bronze, gray, black and other colored reflective insulating glass, or custom color reflective insulating glass, low-emissivity coated insulating glass of different colors, glass thickness 4 + 6A / 9A / 12A + 4mm, 5 + 6A / 9A / 12A + 5mm, 6 + 12A + 6mm, 8 + 16A + 8mm, etc.