

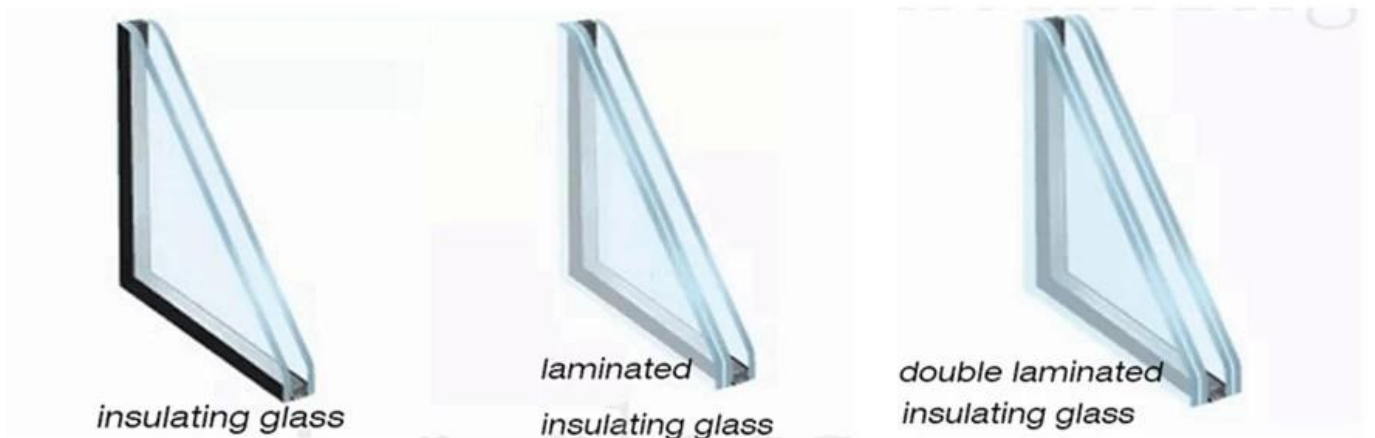
Insulating glass units (IGUs) are designed to reduce heat loss and improve energy efficiency in buildings. They consist of two or more glass panes separated by a spacer and sealed together.

The most common types of IGUs are:

1. **Insulating Glass (IG):** Consists of two glass panes with a single spacer between them. This design provides basic insulation but is less effective than other types.

2. **Laminated Insulating Glass (LIG):** Features two glass panes with a single spacer and a layer of interlayer material (like PVB) between the panes. This offers better protection against breakage and improves sound insulation.

3. **Double Laminated Insulating Glass (DLIG):** Combines the features of LIG with a second glass pane and spacer, resulting in superior thermal and acoustic performance.



The choice of IGU depends on the building's requirements for energy efficiency, sound insulation, and safety.

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