

Insulated Single and Double Hung Window

Both single-hung and double-hung windows have two sashes — an upper and lower sash — which separates the window both physically and visually. A similar structure means they share many of the same design options, providing a timeless look for homes new and old. From a distance, the two window styles can look exactly the same. The major difference lies in the upper sash. It's stationary on single-hung windows whereas it is an operable sash on double-hung windows. That one change leads to a number of differences in the functionality and performance of each style.





Performance

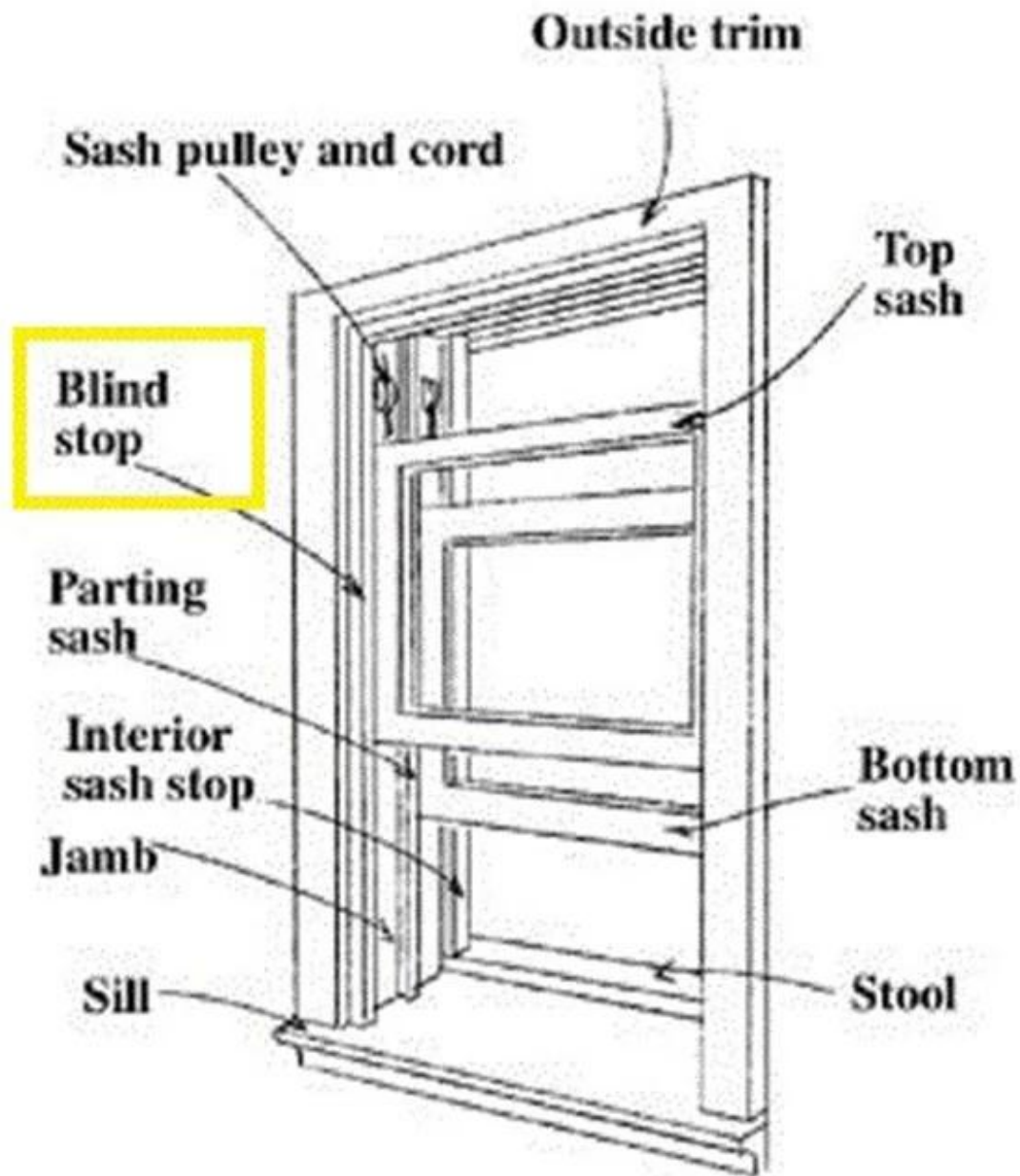
Heat insulation performance: 6 level { $3.2/2.8/2.0\text{W}/\text{M}^2\cdot\text{K}$ (GB/T8484-2008)}

Wind pressure resistance: 8 level {KPa(GB/7106-2008)}

Watertight performance: 6 level {Pa(GB/7106-2008)}

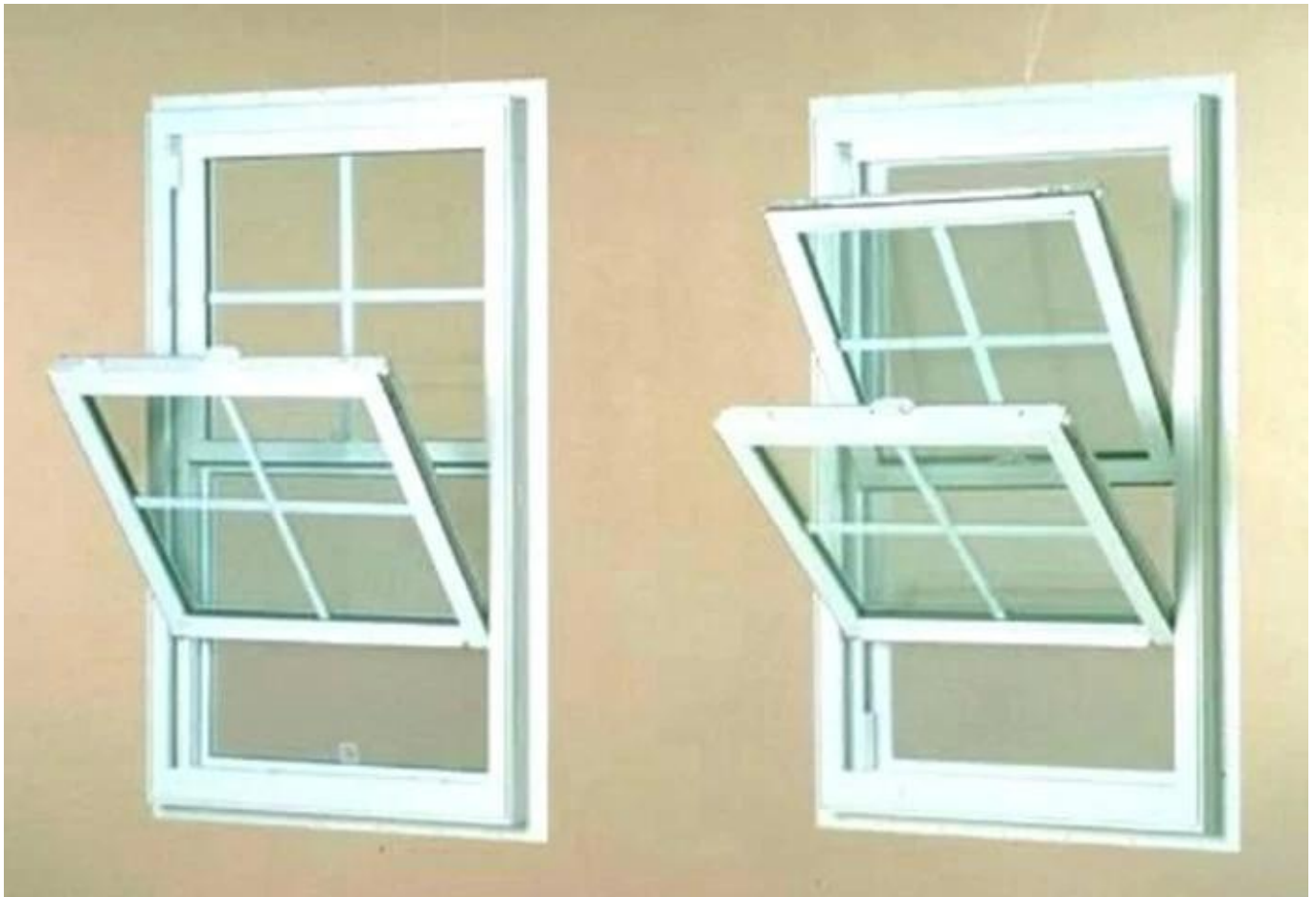
Airtight performance: 6 level { $\text{M}^3/\text{M}^2\cdot\text{h}$ (GB/T7107-2008)}

Sound insulation performance: 5 level {32-45db(GB/8485-2008)}



Single-Hung Window vs Double-Hung Window

	Single-Hung Window	Double-Hung Window
Operable Sashes	1	2
Ease of Operation	Yes	Yes
Ventilation	Bottom sash can open to let air in.	Both sashes can open to let cool, fresh air in through the bottom and release warm air through the top.
Cleaning	More difficult to clean the exterior of the top sash since it does not tilt in. Tougher to clean for those living on an upper floor.	Easier to clean since both windows can be tilted to wash inside and outside surfaces. Both sashes can be cleaned from the inside of the house.



Choosing a Single-Hung Window

An enduring style, single-hung windows have been the standard window choice used in newer home builds, apartment buildings and business spaces. Single-hung windows are a cost-effective choice for a replacement window and an option that continues to be appealing in homes all over the country.

Since the upper sash is immovable on single-hung windows, installing a single-hung window can also make construction work more convenient, since there are fewer moving parts.



Choosing a Double-Hung Window

The adjustable second sash on a double-hung window creates more flexibility for rooms.

Tilt-in design allows cleaning the outside of double-hung windows from inside the house. When operating single-hung windows, the lower sash usually moves only vertically, blocking the upper sash. This can make it difficult to clean the glass on single-hung windows. In some cases, that difficulty can become precarious when cleaning the outside of the upper sash from inside

The option to open either or both sashes makes double-hung windows a smart choice for rooms needing increased ventilation. With hot, damp air in the bathroom, for example, less ventilation can create issues with humidity and moisture. Left unchecked, that lack of fresh air can mean increased odor issues and even mildew growth. Opening both sashes of a double-hung window can help cool off steamy, humid areas and keep moisture out of your walls.



Welcome to send us inquiry with your detail requirement and question.