



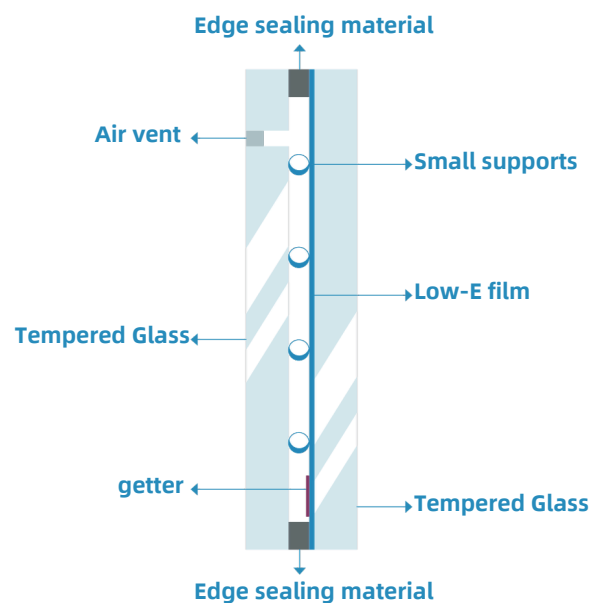
VC-Glass

95%
Insulation of heat

90%
Insulating efficiency



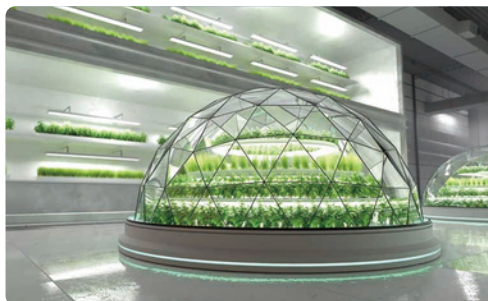
Technical Principles



Note: Color and thickness do not represent the actual situation, only for the convenience of illustration.



SUN ROOM



RESEARCH BASE



EXTREMELY COLD REGIONS

Key Features



More secure

The stress at any point on the surface of the product exceeds **90MPa**, The wind pressure resistance strength of Angaza VC-Glass reaches **+7200Pa**.



Size worry free

The maximum size of a single product can reach **1.5x2.5** meters.



Sound insulation

The sound insulation and noise reduction performance of Angaza VC-Glass is based on the fact that sound does not propagate under vacuum conditions. The weighted sound insulation reaches **39 dB**.



Various angles

Angaza VC-Glass is not affected by the change of gas thermal conductivity when placed horizontally.



Anti condensation

There is no gas inside the Angaza VC-Glass, and even if the outdoor temperature reaches minus 40°C it will not condense. It has passed RoHS certification and can be fully applied to the high-end home appliance market worldwide.



Thermal insulation

Its heat transfer coefficient (U value) is as low as **0.4 W/m²·K**, significantly reduces energy loss and building energy consumption. The thermal insulation effect is more than 1 meter thick brick wall, is **4~6** times of ordinary insulating glass.



Long service life

All-glass material seal, internal plus getter and Low-E film, as long as the manufacturing process and equipment advanced, Angaza VC-Glass service life is much longer than the organic material sealed hollow glass.



Be even quality

We have passed the ISO9001:2015 quality system certification and have undergone rigorous system and process audits by Bosch Home Appliances to ensure the reliable quality of every piece of Angaza VC-Glass. We are also insured by PICC quality assurance insurance.

Product parameters

Products	U value W/(m ² ·K)	Visible Light Transmittance	Volume isolation	Regular size	Biggest size
5TL+0.3V+5T	0.50	75%	39dB	1500x2000mm	2000x3000mm

*5T represents 5mm thick white glass; 0.3V represents a 0.3mm thick vacuum layer; 5TL represents 5mm thick Low-e glass; 9A represents a 9mm thick hollow layer; 0.76P represents a 0.76mm thick adhesive layer.