

# **SGG Energy Saving Curved Insulated Glass Units, Air Spacer 6A, 9A, 12A, 15A, 20A**

**Curved Insulated Glass (IGU glass)** is made by two panes of glass separated by aluminium spacer, which is filled with dry air or inert gas. Then the glass and spacer are sealed with butyl glue, sulfur glue, or structural sealant. This separating spacer reduces the outside temperature transfer into the room, as well as sound insulation. The thicker the spacer, the better the function.

## **Specifications:**

1. Glass type: clear glass, tinted glass, reflective glass, low e glass, tempered glass, laminated glass etc.
2. Glass thickness: 5mm+5mm 6mm+6mm 8mm+8mm etc
3. Aluminum spacer thickness: 6A 9A 12A 15A 20A
4. Gas in air spacer: Air or argon gas
5. Glass color: Clear, ultra clear, bronze, blue, green, gray, etc
6. Max size: 2700x3700mm  
Min Size: 180x350mm  
Custom sizes based on customer requirements
7. Insulated glass composition: Clear tempered glass + low e tempered glass/reflective tempered glass/tinted tempered glass etc

## **Features:**

1. Solar energy saving function: insulated glass has a good function of heat saving.
2. Preventing radiation heat: Insulated glass can prevent radiation heat, reduce dizziness of sunset and sunlight.
3. Various colors and artistic performance; insulated glass can be produced by any types of colored glass and the colored insulated glass achieves artistic effect.
4. Keep indoor constant temperature and humidity: insulated glass can keep indoor temperature constant to some degree.
5. Sun protection: insulated glass has a good function against sun shine and protects humans from sun irradiation.

## **Applications:**

Reasonable structure and design to meet the standards of insulated glass, As hollow glass has good

insulation function(such as proof noise, security, proof fire). Insulating glass is widely used for buildings that have requirement for heating, air conditioning, noise or condensation protection and avoid from direct sunlight and special light radiation.

- 1.Residential window & doors
- 2.Office buildings curtain wall and facade

### **Quality Control:**

Insulating glass is used for outer building decoration. Due to its optical properties, thermal conductivity, sound insulation coefficient, our Insulated glass Conforms to the following international standards of Europe, North American and China: ISO9001, CCC, CE, BS6206, EN12510, ANSI Z97.

### **Product Details:**

#### **Product pictures of Curved Insulated Glass Curtain Wall:**



**Low e insulated glass performance:**

SGG ONLINE LOW-E IGU GLASS DATA										
Single 2 #	Thickness	可见光Visible Light			阳光Solar Energy			U值	太阳得热系数	遮阳系数
		LT%	LR%		投射率 %	反射率 %	UV透射率%			
	Transmittance		Outside	Inside				Transmittance	Reflectance	TUV
Monolithic	mm	Transmittance	Outside	Inside	Transmittance	Reflectance	TUV	U Value	SHGC	SC
Clear glass +12mm spacer + SGG LOW-E GLASS Same Thickness, 2#	3	75	17	18	59	15	45	1.9	0.65	0.75
	4	74	16	17	56	14	42	1.9	0.63	0.73
	5	74	17	17	55	14	41	1.9	0.63	0.73
	6	73	16	17	52	13	37	1.8	0.62	0.71
	8	71	15	16	47	12	32	1.8	0.58	0.67
	10	69	15	16	43	12	29	1.8	0.56	0.64
	12	68	15	16	39	10	28	1.9	0.54	0.62

**Production Line:**



**Package and Loading:**



**Our Projects:**

Philippines  
Avida Centera  
in 2014



Philippines  
AVIDA TOWERS  
in 2015



**Our promise is that you receiving Curved Insulated Glass Curtain Wall with high quality and safety condition from us.**