

10. IGU Glass

10.1 Air spacer limitation

The following table shows the air layer limitation of IGU unit. These table are not shown the glass size limitation. It means that the both of limitation should be within limitation

1. Anneal Glass 143.7008

Kind of Glass	Thickness	Long side Max Size (mm)	Short side Max Size (mm)	Max Area (sq.m)										
				A4	A5	A6	A8	A9	A10	A11	A12	A14	A16	A18
FL. Tinted other anneal	3	2205	x 1500	1.24	1.35	1.46	1.69	1.69	1.80	1.80	1.91	2.02	2.14	2.32
	4	2500	x 1800	1.78	1.94	1.94	2.27	2.27	2.43	2.59	2.59	2.75	2.91	3.08
	5	3650	x 2500	2.50	2.81	3.12	3.12	3.44	3.44	3.75	3.75	3.75	4.06	4.37
	6	3650	x 2500	3.12	3.12	3.44	3.75	3.75	3.75	4.06	4.37	4.37	4.69	5.00
	8	3650	x 2500	3.44	3.75	4.06	4.37	4.69	4.69	5.00	5.31	5.31	5.94	5.94
	10	3650	x 2500	4.06	4.37	4.69	5.00	5.31	5.62	5.94	6.56	6.56	6.56	7.44
	12	3650	x 2500	4.69	5.00	5.31	5.94	6.25	7.00	7.44	8.31	8.31	8.31	8.31
	15	3650	x 2500	5.62	6.25	7.00	7.44	8.31	8.31	8.31	8.31	8.31	8.31	8.31
	19	3650	x 2500	7.00	8.31	8.31	8.31	8.31	8.31	8.31	8.31	8.31	8.31	8.31

- Remark:
1. Long side max x short side max = over than limitation, glass thickness should be changed.
 2. Bold Letter Is standard stock of spacer at IGU

2. Temper and H/S Glass

Thickness	Temper (HS) + Anneal		Air spacer	
	Temper (HS) + Temper (H/S)			
	Max Size (mm)	Max Area (sq.m)		
4 mm	2150	x 2400	-	A4
			-	A5
			1.29	A6
			1.29	A8
			2.15	A9
			2.79	A10
			3.44	A11
			4.30	A12
5 mm	2150	x 3150	-	A4
			-	A5
			1.29	A6
			2.04	A8
			2.60	A9
			3.55	A10
			4.19	A11
			5.05	A12
6 mm	2400	x 3650	-	A6
			-	A8
			-	A9
			4.80	A10
			5.52	A11
			6.24	A12
8 mm	2400	x 3650	-	A6
			-	A8
			4.80	A9
			5.52	A10
			6.24	A11
			7.20	A12
10, 12, 15, 19 mm	2400	x 3650	-	A6
			-	A8
			-	A9
			-	A10
			-	A11
			7.92	A12

- Remark:
1. Over 10 mm should be use 12 mm air spacer