

**NFRC 100/200/500 Summary Sheet
GT6200 Casement**

ID	Pane Thickness 1	Gap Width 1	Pane Thickness 2	Gap Width 2	Pane Thickness 3	Gap Width 3	Pane Thickness 4	Gap Fill	Low-e (Surface#)	Tint	Spacer	Grid Type
	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
1	2.75" Frame: E270/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.236	0.500	0.224					ARG90	0.037(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.24				VT (N) 0.43			CR 55	
2	2.75" Frame: E272/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.224					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.27				VT (N) 0.44			CR 55	
3	2.75" Frame: E272/AIR/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.224					AIR	0.042(#2)	CL	SS-D	N
	U-Factor 0.40			SHGC (N) 0.27				VT (N) 0.44			CR 54	
4	2.75" Frame: E272/ARG90/CLR (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.185					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.27				VT (N) 0.44			CR 54	
5	2.75" Frame: E366/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.224					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.19				VT (N) 0.39			CR 55	
6	2.75" Frame: E366/AIR/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.224					AIR	0.022(#2)	CL	SS-D	N
	U-Factor 0.40			SHGC (N) 0.19				VT (N) 0.39			CR 54	
7	2.75" Frame: E366/ARG90/CLR (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.185					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.18				VT (N) 0.40			CR 54	
8	2.75" Frame: E340/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.224					ARG90	0.028(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.13				VT (N) 0.24			CR 55	
9	2.75" Frame: E272/ARG90/CLR-LAMI (6MM/2.7MM 030PVB 2.7MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.238					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.26				VT (N) 0.44			CR 54	
10	2.75" Frame: E366/ARG90/CLR-LAMI (6MM/2.7MM 030PVB 2.7MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.238					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.18				VT (N) 0.40			CR 54	

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ID	Pane Thickness 1	Gap Width 1	Pane Thickness 2	Gap Width 2	Pane Thickness 3	Gap Width 3	Pane Thickness 4	Gap Fill	Low-e (Surface#)	Tint	Spacer	Grid Type
	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
11	2.75" Frame: SGSN68/AIR/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.221	0.500	0.221					AIR	0.039(#2)	CL	SS-D	N
	U-Factor 0.42			SHGC (N) 0.25				VT (N) 0.43			CR 51	
12	2.75" Frame: SGSN68/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.221	0.500	0.221					ARG90	0.039(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.25				VT (N) 0.43			CR 52	
13	2.75" Frame: SNX6227/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.221	0.500	0.221					ARG90	0.020(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.18				VT (N) 0.39			CR 52	
14	2.75" Frame: SNX6227/ARG90/CLR-LAMI (6MM/2.7MM 030PVB 2.7MM) 1" IG - AllMetal Spacer											
	0.221	0.500	0.238					ARG90	0.020(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.18				VT (N) 0.39			CR 51	
15	2.75" Frame: SB60/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.223	0.500	0.223					ARG90	0.035(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.26				VT (N) 0.44			CR 52	
16	2.75" Frame: SB60/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.223	0.500	0.223					ARG90	0.018(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.18				VT (N) 0.40			CR 52	
17	2.75" Frame: E272/ARG90/i89 (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.223					ARG90	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.26				VT (N) 0.43			CR 51	
18	2.75" Frame: E272/ARG90/i89 (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.187					ARG90	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.26				VT (N) 0.43			CR 51	
19	2.75" Frame: E366/ARG90/i89 (6MM/6MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.223					ARG90	0.022(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.18				VT (N) 0.39			CR 51	
20	2.75" Frame: E366/ARG90/i89 (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.187					ARG90	0.022(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.18				VT (N) 0.39			CR 52	

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ID	Pane Thickness 1	Gap Width 1	Pane Thickness 2	Gap Width 2	Pane Thickness 3	Gap Width 3	Pane Thickness 4	Gap Fill	Low-e (Surface#)	Tint	Spacer	Grid Type
	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
21	3.125" Frame: E270/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.236	0.500	0.224					ARG90	0.037(#2)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.24				VT (N) 0.43			CR 63	
22	3.125" Frame: E272/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.224					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.27				VT (N) 0.44			CR 63	
23	3.125" Frame: E272/AIR/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.224					AIR	0.042(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.27				VT (N) 0.44			CR 59	
24	3.125" Frame: E272/ARG90/CLR (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.185					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.27				VT (N) 0.44			CR 63	
25	3.125" Frame: E366/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.224					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.19				VT (N) 0.39			CR 63	
26	3.125" Frame: E366/AIR/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.224					AIR	0.022(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.19				VT (N) 0.39			CR 60	
27	3.125" Frame: E366/ARG90/CLR (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.185					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.18				VT (N) 0.40			CR 63	
28	3.125" Frame: E340/ARG90/CLR (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.224					ARG90	0.028(#2)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.13				VT (N) 0.24			CR 63	
29	3.125" Frame: E272/ARG90/CLR-LAMI (6MM/2.7MM 030PVB 2.7MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.238					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.34			SHGC (N) 0.26				VT (N) 0.44			CR 64	
30	3.125" Frame: E366/ARG90/CLR-LAMI (6MM/2.7MM 030PVB 2.7MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.238					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.33			SHGC (N) 0.18				VT (N) 0.40			CR 64	

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ID	Pane Thickness 1	Gap Width 1	Pane Thickness 2	Gap Width 2	Pane Thickness 3	Gap Width 3	Pane Thickness 4	Gap Fill	Low-e (Surface#)	Tint	Spacer	Grid Type
	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
31	3.125" Frame: SGSN68/AIR/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.221	0.500	0.221					AIR	0.039(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.25				VT (N) 0.43			CR 55	
32	3.125" Frame: SGSN68/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.221	0.500	0.221					ARG90	0.039(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.25				VT (N) 0.43			CR 58	
33	3.125" Frame: SNX6227/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.221	0.500	0.221					ARG90	0.020(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.18				VT (N) 0.39			CR 58	
34	3.125" Frame: SNX6227/ARG90/CLR-LAMI (6MM/2.7MM 030PVB 2.7MM) 1" IG											
	0.221	0.500	0.238					ARG90	0.020(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.18				VT (N) 0.39			CR 60	
35	3.125" Frame: SB60/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.223	0.500	0.223					ARG90	0.035(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.26				VT (N) 0.44			CR 58	
36	3.125" Frame: SB60/ARG90/CLR (6MM/6MM) 1" IG - AllMetal Spacer											
	0.223	0.500	0.223					ARG90	0.018(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.18				VT (N) 0.40			CR 58	
37	3.125" Frame: E272/ARG90/i89 (6MM/6MM) 1" IG - Cardinal Spacer											
	0.224	0.500	0.223					ARG90	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.31			SHGC (N) 0.26				VT (N) 0.43			CR 51	
38	3.125" Frame: E272/ARG90/i89 (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.187					ARG90	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.26				VT (N) 0.43			CR 52	
39	3.125" Frame: E366/ARG90/i89 (6MM/6MM) 1" IG - Cardinal Spacer											
	0.225	0.500	0.223					ARG90	0.022(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.31			SHGC (N) 0.18				VT (N) 0.39			CR 52	
40	3.125" Frame: E366/ARG90/i89 (5MM/5MM) 1" IG - Cardinal Spacer											
	0.187	0.625	0.187					ARG90	0.022(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.31			SHGC (N) 0.18				VT (N) 0.39			CR 53	