

**NFRC 100/200/500 Summary Sheet
2200H Double Hung Window**

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	E272/ARG/i81 (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.46			SHGC (N) 0.28				VT (N) 0.46			CR 32	
2	E366/ARG/i81 (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.022(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.45			SHGC (N) 0.19				VT (N) 0.41			CR 32	
3	CLR/AIR/CLR (5mm/5mm) 1"											
	0.188	0.625	0.188					AIR		CL	A1-D	N
	U-Factor 0.67			SHGC (N) 0.57				VT (N) 0.59			CR 29	
	BZ/AIR/CLR (5mm/5mm) 1"											
	0.187	0.625	0.188					AIR		BZ	A1-D	N
	U-Factor 0.67			SHGC (N) 0.41				VT (N) 0.38			CR 29	
	GRY/AIR/CLR (5mm/5mm) 1"											
	0.188	0.625	0.188					AIR		GY	A1-D	N
	U-Factor 0.67			SHGC (N) 0.39				VT (N) 0.33			CR 29	
	GRN/AIR/CLR (5mm/5mm) 1"											
	0.188	0.625	0.188					AIR		GR	A1-D	N
	U-Factor 0.67			SHGC (N) 0.40				VT (N) 0.52			CR 29	
4	E240/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.057(#2)	CL	SS-D	N
	U-Factor 0.50			SHGC (N) 0.19				VT (N) 0.28			CR 32	
5	E270/ARG/CLR (5mm/5mm) 1"											
	0.197	0.625	0.187					ARG90	0.037(#2)	CL	SS-D	N
	U-Factor 0.50			SHGC (N) 0.28				VT (N) 0.50			CR 32	
6	E272/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.50			SHGC (N) 0.31				VT (N) 0.52			CR 32	
7	E366/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.49			SHGC (N) 0.21				VT (N) 0.46			CR 33	

**NFRC 100/200/500 Summary Sheet
2200H Double Hung Window**

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	
8	CMFTE2/AIR/CLR (5mm/5mm) 1"											
	0.183	0.625	0.188					AIR	0.202(#2)	CL	A1-D	N
	U-Factor 0.58			SHGC (N) 0.48				VT (N) 0.54			CR 30	
9	TiAC/AIR/CLR (5mm/5mm) 1"											
	0.183	0.625	0.188					AIR	0.034(#2)	CL	A1-D	N
	U-Factor 0.55			SHGC (N) 0.29				VT (N) 0.43			CR 30	
10	S500/AIR/CLR (5mm/5mm) 1"											
	0.184	0.625	0.184					AIR	0.215(#2)	CL	A1-D	N
	U-Factor 0.58			SHGC (N) 0.48				VT (N) 0.54			CR 30	
11	SB60/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.035(#2)	CL	A1-D	N
	U-Factor 0.54			SHGC (N) 0.29				VT (N) 0.51			CR 30	
12	SB70/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.018(#2)	CL	A1-D	N
	U-Factor 0.54			SHGC (N) 0.21				VT (N) 0.47			CR 30	
13	VE12M/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.040(#2)	CL	A1-D	N
	U-Factor 0.54			SHGC (N) 0.29				VT (N) 0.52			CR 30	
14	CLR/ARG/E272/ARG/E272 (3mm/3mm/3mm) 1"											
	0.117	0.313	0.117	0.313	0.117			ARG90	0.042(#3) / 0.042(#5)	CL	SS-D	N
	U-Factor 0.43			SHGC (N) 0.31				VT (N) 0.42			CR 33	
15	CLR/ARG/E272/ARG/i81 (3mm/3mm/3mm) 1"											
	0.117	0.313	0.117	0.313	0.117			ARG90	0.042(#4) / 0.149(#6)	CL	SS-D	N
	U-Factor 0.44			SHGC (N) 0.29				VT (N) 0.43			CR 32	
16	E366/ARG/E180/ARG/i81 (3mm/3mm/3mm) 1"											
	0.117	0.313	0.118	0.313	0.117			ARG90	0.022(#2) / 0.068(#4) / 0.149(#6)	CL	SS-D	N
	U-Factor 0.41			SHGC (N) 0.18				VT (N) 0.37			CR 33	
17	CLR/AIR/Lami (6mm/030Lami) 1"											
	0.225	0.500	0.266					AIR		CL	A1-D	N
	U-Factor 0.65			SHGC (N) 0.53				VT (N) 0.57			CR 30	

**NFRC 100/200/500 Summary Sheet
2200H Double Hung Window**

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	
	BZ/AIR/Lami (6mm/030Lami) 1"											
	0.221	0.500	0.266					AIR		BZ	A1-D	N
	U-Factor 0.65			SHGC (N) 0.37				VT (N) 0.35			CR 30	
	GRY/AIR/Lami (6mm/030Lami) 1"											
	0.222	0.500	0.266					AIR		GY	A1-D	N
	U-Factor 0.65			SHGC (N) 0.35				VT (N) 0.29			CR 30	
	GRN/AIR/Lami (6mm/030Lami) 1"											
	0.222	0.500	0.266					AIR		GN	A1-D	N
	U-Factor 0.65			SHGC (N) 0.37				VT (N) 0.50			CR 30	
18	CLR/AIR/Lami (6mm/090Lami) 1"											
	0.225	0.438	0.326					AIR		CL	A1-D	N
	U-Factor 0.65			SHGC (N) 0.52				VT (N) 0.57			CR 30	
19	E272/ARG/CLR (3mm/3mm) 1"											
	0.117	0.750	0.117					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.50			SHGC (N) 0.31				VT (N) 0.53			CR 32	
20	E272/ARG/CLR (6mm/6mm) 1"											
	0.224	0.500	0.223					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.49			SHGC (N) 0.31				VT (N) 0.51			CR 33	