

NFRC 100/200/500 Summary Sheet
1400H / 1400 Fixed 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 0.33			SHGC (N) 0.33				VT (N) 0.54			CR 43	
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 0.32			SHGC (N) 0.22				VT (N) 0.49			CR 44	
3	CLR/AIR/CLR (5mm/5mm) 1"											
	0.188	0.625	0.188					AIR		CL	A1-D	N
	U-Factor 0.57			SHGC (N) 0.66				VT (N) 0.69			CR 36	
	BZ/AIR/CLR (5mm/5mm) 1"											
	0.187	0.625	0.188					AIR		BZ	A1-D	N
	U-Factor 0.57			SHGC (N) 0.48				VT (N) 0.45			CR 36	
	GRY/AIR/CLR (5mm/5mm) 1"											
	0.188	0.625	0.188					AIR		GY	A1-D	N
	U-Factor 0.57			SHGC (N) 0.45				VT (N) 0.39			CR 36	
	GRN/AIR/CLR (5mm/5mm) 1"											
	0.188	0.625	0.188					AIR		GR	A1-D	N
	U-Factor 0.57			SHGC (N) 0.47				VT (N) 0.61			CR 36	
4	E240/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.057(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.22				VT (N) 0.34			CR 44	
5	E270/ARG/CLR (5mm/5mm) 1"											
	0.197	0.625	0.187					ARG90	0.037(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.32				VT (N) 0.59			CR 44	
6	E272/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.36				VT (N) 0.61			CR 44	
7	E366/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.24				VT (N) 0.55			CR 44	

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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	
8	CMFTE2/AIR/CLR (5mm/5mm) 1"											
	0.183	0.625	0.188					AIR	0.202(#2)	CL	A1-D	N
	U-Factor 0.47			SHGC (N) 0.56				VT (N) 0.64			CR 38	
9	TiAC/AIR/CLR (5mm/5mm) 1"											
	0.183	0.625	0.188					AIR	0.034(#2)	CL	A1-D	N
	U-Factor 0.43			SHGC (N) 0.34				VT (N) 0.51			CR 38	
10	S500/AIR/CLR (5mm/5mm) 1"											
	0.184	0.625	0.184					AIR	0.215(#2)	CL	A1-D	N
	U-Factor 0.48			SHGC (N) 0.55				VT (N) 0.64			CR 37	
11	SB60/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.035(#2)	CL	A1-D	N
	U-Factor 0.42			SHGC (N) 0.34				VT (N) 0.61			CR 39	
12	SB70/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.018(#2)	CL	A1-D	N
	U-Factor 0.42			SHGC (N) 0.24				VT (N) 0.55			CR 39	
13	VE12M/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.040(#2)	CL	A1-D	N
	U-Factor 0.42			SHGC (N) 0.34				VT (N) 0.61			CR 39	
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 0.29			SHGC (N) 0.35				VT (N) 0.49			CR 45	
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 0.31			SHGC (N) 0.34				VT (N) 0.51			CR 44	
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 0.28			SHGC (N) 0.20				VT (N) 0.44			CR 45	
17	CLR/AIR/Lami (6mm/030Lami) 1"											
	0.225	0.500	0.266					AIR		CL	A1-D	N
	U-Factor 0.56			SHGC (N) 0.62				VT (N) 0.68			CR 38	

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	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 0.56			SHGC (N) 0.43				VT (N) 0.41			CR 38	
	GRY/AIR/Lami (6mm/030Lami) 1"											
	0.222	0.500	0.266					AIR		GY	A1-D	N
	U-Factor 0.56			SHGC (N) 0.41				VT (N) 0.35			CR 38	
	GRN/AIR/Lami (6mm/030Lami) 1"											
	0.222	0.500	0.266					AIR		GR	A1-D	N
	U-Factor 0.56			SHGC (N) 0.43				VT (N) 0.59			CR 38	
18	CLR/AIR/Lami (6mm/090Lami) 1"											
	0.225	0.438	0.326					AIR		CL	A1-D	N
	U-Factor 0.55			SHGC (N) 0.61				VT (N) 0.67			CR 39	
19	E272/ARG/CLR (3mm/3mm) 1"											
	0.117	0.750	0.117					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.36				VT (N) 0.62			CR 44	
20	E272/ARG/CLR (6mm/6mm) 1"											
	0.224	0.500	0.223					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.35				VT (N) 0.60			CR 44	
1400 Series Options												
21	S500/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.215(#2)	CL	A1-D	N
	U-Factor 0.46			SHGC (N) 0.54				VT (N) 0.63			CR 44	
22	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 0.28			SHGC (N) 0.20				VT (N) 0.44			CR 48	
23	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 0.30			SHGC (N) 0.35				VT (N) 0.49			CR 48	
24	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 0.31			SHGC (N) 0.34				VT (N) 0.51			CR 47	

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	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
25	E272/ARG/i89 (5mm/5mm) 1" L-1400											
	0.187	0.625	0.187					ARG90	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.33			SHGC (N) 0.35				VT (N) 0.60			CR 46	
26	E366/ARG/i89 (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.022(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.24				VT (N) 0.54			CR 46	
27	CLR/AIR/CLR (6mm/6mm) 1"											
	0.225	0.500	0.225					AIR		CL	A1-D	N
	U-Factor 0.56			SHGC (N) 0.64				VT (N) 0.68			CR 39	
	BZ/AIR/CLR (6mm/6mm) 1" L-1400											
	0.221	0.500	0.225					AIR		BZ	A1-D	N
	U-Factor 0.56			SHGC (N) 0.45				VT (N) 0.41			CR 39	
	GRY/AIR/CLR (6mm/6mm) 1"											
	0.222	0.500	0.225					AIR		GY	A1-D	N
	U-Factor 0.56			SHGC (N) 0.42				VT (N) 0.35			CR 39	
	GRN/AIR/CLR (6mm/6mm) 1"											
	0.222	0.500	0.225					AIR		GR	A1-D	N
	U-Factor 0.56			SHGC (N) 0.44				VT (N) 0.59			CR 39	
	BLU/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.225					AIR		BL	A1-D	N
	U-Factor 0.56			SHGC (N) 0.54				VT (N) 0.49			CR 39	
28	E240/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.057(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.22				VT (N) 0.34			CR 46	
29	E270/ARG/CLR (5mm/5mm) 1"											
	0.197	0.625	0.187					ARG90	0.037(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.32				VT (N) 0.59			CR 46	
30	E272/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.36				VT (N) 0.61			CR 46	

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	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
31	E366/ARG/CLR (5mm/5mm) 1"											
	0.187	0.625	0.187					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.24				VT (N) 0.55			CR 46	
32	CMFTE2/AIR/CLR (6mm/6mm) 1"											
	0.222	0.500	0.225					AIR	0.202(#2)	CL	A1-D	N
	U-Factor 0.46			SHGC (N) 0.55				VT (N) 0.63			CR 44	
33	TiAC/AIR/CLR (6mm/6mm) 1"											
	0.221	0.500	0.225					AIR	0.035(#2)	CL	A1-D	N
	U-Factor 0.42			SHGC (N) 0.33				VT (N) 0.50			CR 44	
34	SB60/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.035(#2)	CL	A1-D	N
	U-Factor 0.42			SHGC (N) 0.34				VT (N) 0.61			CR 44	
35	SB70/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.018(#2)	CL	A1-D	N
	U-Factor 0.41			SHGC (N) 0.24				VT (N) 0.55			CR 44	
36	VE12M/AIR/CLR (6mm/6mm) 1"											
	0.223	0.500	0.223					AIR	0.040(#2)	CL	A1-D	N
	U-Factor 0.42			SHGC (N) 0.34				VT (N) 0.61			CR 44	
37	CLR/AIR/Lami (6mm/030Lami) 1"											
	0.225	0.500	0.266					AIR		CL	A1-D	N
	U-Factor 0.56			SHGC (N) 0.62				VT (N) 0.68			CR 40	
	BZ/AIR/Lami (6mm/030Lami) 1"											
	0.221	0.500	0.266					AIR		BZ	A1-D	N
	U-Factor 0.56			SHGC (N) 0.43				VT (N) 0.41			CR 40	
	GRY/AIR/Lami (6mm/030Lami) 1"											
	0.222	0.500	0.266					AIR		GY	A1-D	N
	U-Factor 0.56			SHGC (N) 0.41				VT (N) 0.35			CR 40	
	GRN/AIR/Lami (6mm/030Lami) 1"											
	0.222	0.500	0.266					AIR		GR	A1-D	N
	U-Factor 0.56			SHGC (N) 0.43				VT (N) 0.59			CR 40	

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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	
	BLU/AIR/Lami (6mm/030Lami) 1"											
	0.223	0.500	0.266					AIR		BL	A1-D	N
	U-Factor 0.56			SHGC (N) 0.52				VT (N) 0.49			CR 40	
38	CLR/AIR/Lami (6mm/090Lami) 1"											
	0.225	0.438	0.326					AIR		CL	A1-D	N
	U-Factor 0.55			SHGC (N) 0.61				VT (N) 0.67			CR 41	
39	E272/ARG/CLR (3mm/3mm) 1"											
	0.117	0.750	0.117					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.36				VT (N) 0.62			CR 46	
40	E272/ARG/CLR (3mm/3mm) 1"											
	0.117	0.750	0.117					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.36				VT (N) 0.62			CR 46	