

NFRC 100/200/500 Summary Sheet
Victory Building, S1500 Offset 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 / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90	0.042(#2)	CL	SS-D	N
	U-Factor 0.53			SHGC (N) 0.29				VT (N) 0.47			CR 30	
2	E272/ Arg / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90	0.042(#2)	CL	SS-D	G
	U-Factor 0.56			SHGC (<1 / >1) 0.26 / 0.23				VT (<1 / >1) 0.41 / 0.36			CR 30	
3	E272/ Air / Clear (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#2)	CL	SS-D	N
	U-Factor 0.56			SHGC (N) 0.29				VT (N) 0.47			CR 29	
	Clear/ Air / E272 (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#3)	CL	SS-D	N
	U-Factor 0.56			SHGC (N) 0.34				VT (N) 0.47			CR 29	
4	E272/ Air / Clear (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#2)	CL	SS-D	G
	U-Factor 0.58			SHGC (<1 / >1) 0.26 / 0.23				VT (<1 / >1) 0.41 / 0.36			CR 29	
	Clear/ Air / E272 (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#3)	CL	SS-D	G
	U-Factor 0.58			SHGC (<1 / >1) 0.31 / 0.27				VT (<1 / >1) 0.41 / 0.36			CR 29	
5	E272/ Arg / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90	0.042(#2)	CL	A1-D	N
	U-Factor 0.55			SHGC (N) 0.29				VT (N) 0.47			CR 28	
6	E272/ Arg / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90	0.042(#2)	CL	A1-D	G
	U-Factor 0.58			SHGC (<1 / >1) 0.26 / 0.23				VT (<1 / >1) 0.41 / 0.36			CR 28	
7	E272/ Air / Clear (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#2)	CL	A1-D	N
	U-Factor 0.58			SHGC (N) 0.29				VT (N) 0.47			CR 28	
	Clear/ Air / E272 (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#3)	CL	A1-D	N
	U-Factor 0.58			SHGC (N) 0.34				VT (N) 0.47			CR 28	

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	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
8	E272/ Air / Clear (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#2)	CL	A1-D	G
	U-Factor 0.58			SHGC (<1 / >1) 0.26 / 0.23				VT (<1 / >1) 0.41 / 0.36			CR 28	
	Clear/ Air / E272 (5m/5m)											
	0.187	0.625	0.187					AIR	0.042(#3)	CL	A1-D	G
	U-Factor 0.58			SHGC (<1 / >1) 0.31 / 0.27				VT (<1 / >1) 0.41 / 0.36			CR 28	
9	Clear/ Air / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90		CL	A1-D	N
	U-Factor 0.67			SHGC (N) 0.51				VT (N) 0.53			CR 27	
	Bronze / Air / Clear (5m/5m)											
	0.184	0.625	0.187					AIR		BZ	A1-D	N
	U-Factor 0.67			SHGC (N) 0.39				VT (N) 0.35			CR 27	
	Gray / Air / Clear (5m/5m)											
	0.184	0.625	0.187					AIR		GY	A1-D	N
	U-Factor 0.67			SHGC (N) 0.35				VT (N) 0.30			CR 27	
	Green / Air / Clear (5m/5m)											
	0.182	0.625	0.187					AIR		GR	A1-D	N
	U-Factor 0.67			SHGC (N) 0.36				VT (N) 0.47			CR 27	
	Blue / Air / Clear (5m/5m)											
	0.184	0.625	0.187					AIR		BL	A1-D	N
	U-Factor 0.67			SHGC (N) 0.45				VT (N) 0.41			CR 27	
10	Clear/ Air / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90		CL	A1-D	G
	U-Factor 0.69			SHGC (<1 / >1) 0.46 / 0.40				VT (<1 / >1) 0.47 / 0.41			CR 27	
	Bronze / Air / Clear (5m/5m)											
	0.184	0.625	0.187					AIR		BZ	A1-D	G
	U-Factor 0.69			SHGC (<1 / >1) 0.35 / 0.31				VT (<1 / >1) 0.31 / 0.27			CR 27	
	Gray / Air / Clear (5m/5m)											
	0.184	0.625	0.187					AIR		GY	A1-D	G
	U-Factor 0.69			SHGC (<1 / >1) 0.32 / 0.28				VT (<1 / >1) 0.26 / 0.23			CR 27	

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	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
	Green / Air / Clear (5m/5m)											
	0.182	0.625	0.187					AIR		GR	A1-D	G
	U-Factor 0.69			SHGC (<1 / >1) 0.32 / 0.29				VT (<1 / >1) 0.41 / 0.36			CR 27	
	Blue / Air / Clear (5m/5m)											
	0.184	0.625	0.187					AIR		BL	A1-D	G
	U-Factor 0.69			SHGC (<1 / >1) 0.40 / 0.36				VT (<1 / >1) 0.36 / 0.31			CR 27	
11	E272/ Arg / i89 (5m/5m)											
	0.187	0.625	0.187					ARG90	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.50			SHGC (N) 0.28				VT (N) 0.46			CR 29	
12	E366/ Arg / i89 (5m/5m)											
	0.187	0.625	0.187					ARG90	0.022(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.49			SHGC (N) 0.20				VT (N) 0.41			CR 29	
13	E240/ Arg / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90	0.057(#2)	CL	SS-D	N
	U-Factor 0.54			SHGC (N) 0.18				VT (N) 0.26			CR 30	
14	E270/ Arg / Clear (5m/5m)											
	0.197	0.625	0.187					ARG90	0.037(#2)	CL	SS-D	N
	U-Factor 0.53			SHGC (N) 0.26				VT (N) 0.45			CR 30	
15	E366/ Arg / Clear (5m/5m)											
	0.187	0.625	0.187					ARG90	0.022(#2)	CL	SS-D	N
	U-Factor 0.53			SHGC (N) 0.20				VT (N) 0.42			CR 30	
16	CMFT-e2/ Air / Clear (5m/5m)											
	0.183	0.625	0.187					AIR	0.202(#2)	CL	A1-D	N
	U-Factor 0.61			SHGC (N) 0.44				VT (N) 0.49			CR 28	
17	CMFT-TiAC/ Air / Clear (5m/5m)											
	0.183	0.625	0.187					AIR	0.034(#2)	CL	A1-D	N
	U-Factor 0.58			SHGC (N) 0.27				VT (N) 0.39			CR 28	
18	Sungate500/ Air / Clear (5m/5m)											
	0.184	0.625	0.187					AIR	0.215(#2)	CL	A1-D	N
	U-Factor 0.61			SHGC (N) 0.44				VT (N) 0.49			CR 28	

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	U-Factor			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)			Condensation Resistance	
19	SolarBan60/ Air / Clear (6m/6m)											
	0.223	0.500	0.223					AIR	0.035(#2)	CL	A1-D	N
	U-Factor 0.57			SHGC (N) 0.27				VT (N) 0.47			CR 28	
20	SolarBan70/ Air / Clear (6m/6m)											
	0.223	0.500	0.223					AIR	0.018(#2)	CL	A1-D	N
	U-Factor 0.57			SHGC (N) 0.20				VT (N) 0.42			CR 28	
21	VE1-2M/ Air / Clear (6m/6m)											
	0.223	0.500	0.223					AIR	0.040(#2)	CL	A1-D	N
	U-Factor 0.58			SHGC (N) 0.27				VT (N) 0.47			CR 28	
22	Clear/Air/E272/Air/E272 (DS/DS)											
	0.117	0.344	0.117	0.344	0.117			AIR	0.042(#3) / 0.042(#5)	CL	SS-D	N
	U-Factor 0.49			SHGC (N) 0.28				VT (N) 0.38			CR 30	
23	Clear/Air/E272/Air/ i89 (DS/DS)											
	0.117	0.344	0.117	0.344	0.117			AIR	0.042(#4) / 0.149(#6)	CL	SS-D	N
	U-Factor 0.49			SHGC (N) 0.29				VT (N) 0.42			CR 29	
24	Clear/ Air / Clear-Lami (6m/6m)											
	0.223	0.500	0.297					AIR		CL	A1-D	N
	U-Factor 0.67			SHGC (N) 0.48				VT (N) 0.52			CR 27	
	Bronze / Air / Clear-Lami (6m/6m)											
	0.223	0.500	0.297					AIR		BZ	A1-D	N
	U-Factor 0.67			SHGC (N) 0.35				VT (N) 0.31			CR 27	
	Gray / Air / Clear-Lami (6m/6m)											
	0.223	0.500	0.297					AIR		GY	A1-D	N
	U-Factor 0.67			SHGC (N) 0.32				VT (N) 0.26			CR 27	
	Green / Air / Clear-Lami (6m/6m)											
	0.221	0.500	0.297					AIR		GR	A1-D	N
	U-Factor 0.67			SHGC (N) 0.33				VT (N) 0.44			CR 27	
	Blue / Air / Clear-Lami (6m/6m)											
	0.223	0.500	0.297					AIR		BL	A1-D	N
	U-Factor 0.67			SHGC (N) 0.41				VT (N) 0.37			CR 27	