

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** 8400 Thermally Improved Aluminum Double Hung **Simulation Lab:** SATI **Initial Cert. Date:** 08/08/2002
Street: 8181 Ambassador Row **Product Type:** VSDH **Sim. Report #:** Q5551.01-116-45 R0 **Re-Certification Date:** 02/27/2024
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 02/08/2024 **Revised Date:** 02/08/2024
Print Date: 03/01/2024 **Test Date:** 11/14/2023 **Expiration Date:** 11/14/2028

CPD Number: DYC-A-12															IA: American Architectural Manufacturers Association
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00101-00001	"CLR / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	N		CL	0.62	0.60	0.63	31
	00101-00002	"CLR / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	G	0.75	CL	0.62	0.54	0.56	31
	00101-00003	"GRY / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	N		GY	0.62	0.45	0.42	31
	00101-00004	"GRY / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	G	0.75	GY	0.62	0.41	0.37	31
	00101-00005	"BRZ / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	N		BZ	0.62	0.49	0.46	31
	00101-00006	"BRZ / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	G	0.75	BZ	0.62	0.44	0.41	31
	00101-00007	"GRN / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	N		GR	0.62	0.47	0.57	31
	00101-00008	"GRN / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	P2-S	Fill 1: AIR(100)	G	0.75	GR	0.62	0.42	0.51	31
	00102-00001	"E366 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	P2-S	Fill 1: AIR(100)	N		CL	0.48	0.22	0.49	32
	00102-00002	"E366 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	P2-S	Fill 1: AIR(100)	G	0.75	CL	0.48	0.20	0.44	32
	00102-00003	"GRY / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: AIR(100)	N		GY	0.48	0.23	0.33	32
	00102-00004	"GRY / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: AIR(100)	G	0.75	GY	0.48	0.21	0.29	32
	00102-00005	"BRZ / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: AIR(100)	N		BZ	0.48	0.25	0.36	32
	00102-00006	"BRZ / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: AIR(100)	G	0.75	BZ	0.48	0.22	0.32	32
	00102-00007	"GRN / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: AIR(100)	N		GR	0.48	0.28	0.45	32
	00102-00008	"GRN / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: AIR(100)	G	0.75	GR	0.48	0.25	0.40	32
	00103-00001	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	P2-S	Fill 1: ARG(90/10)	N		CL	0.45	0.22	0.49	33
	00103-00002	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	P2-S	Fill 1: ARG(90/10)	G	0.75	CL	0.45	0.20	0.44	33
	00103-00003	"GRY / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: ARG(90/10)	N		GY	0.45	0.23	0.33	33
	00103-00004	"GRY / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: ARG(90/10)	G	0.75	GY	0.45	0.21	0.29	33
	00103-00005	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: ARG(90/10)	N		BZ	0.45	0.25	0.36	33

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	00103-00006	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: ARG(90/10)	G	0.75	BZ	0.45	0.22	0.32	33
	00103-00007	"GRN / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: ARG(90/10)	N		GR	0.45	0.28	0.45	33
	00103-00008	"GRN / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	P2-S	Fill 1: ARG(90/10)	G	0.75	GR	0.45	0.25	0.40	33
	00104-00001	"CLR / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	N		CL	0.62	0.60	0.63	31
	00104-00002	"CLR / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.62	0.54	0.56	31
	00104-00003	"GRY / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	N		GY	0.62	0.45	0.42	31
	00104-00004	"GRY / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.62	0.41	0.37	31
	00104-00005	"BRZ / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	N		BZ	0.62	0.49	0.46	31
	00104-00006	"BRZ / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.62	0.44	0.41	31
	00104-00007	"GRN / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	N		GR	0.62	0.47	0.57	31
	00104-00008	"GRN / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.62	0.42	0.51	31
	00105-00001	"E366 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.22	0.49	32
	00105-00002	"E366 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.20	0.44	32
	00105-00003	"GRY / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: AIR(100)	N		GY	0.49	0.23	0.33	32
	00105-00004	"GRY / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.49	0.21	0.29	32
	00105-00005	"BRZ / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: AIR(100)	N		BZ	0.49	0.25	0.36	32
	00105-00006	"BRZ / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.49	0.22	0.32	32
	00105-00007	"GRN / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: AIR(100)	N		GR	0.49	0.28	0.45	32
	00105-00008	"GRN / AIR / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.49	0.25	0.40	32
	00106-00001	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	SS-D	Fill 1: ARG(90/10)	N		CL	0.45	0.22	0.49	32
	00106-00002	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.45	0.20	0.44	32

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	00106-00003	"GRY / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: ARG(90/10)	N		GY	0.45	0.23	0.33	32
	00106-00004	"GRY / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	GY	0.45	0.21	0.29	32
	00106-00005	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: ARG(90/10)	N		BZ	0.45	0.25	0.36	32
	00106-00006	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	BZ	0.45	0.22	0.32	32
	00106-00007	"GRN / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: ARG(90/10)	N		GR	0.45	0.28	0.45	32
	00106-00008	"GRN / ARG90 / E366 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(3)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	GR	0.45	0.25	0.40	32
	00107-00001	"CLR / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	N		CL	0.62	0.58	0.62	31
	00108-00001	"CLR / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.62	0.52	0.55	31
	00109-00001	"E270 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.29	0.53	32
	00109-00002	"E270 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.26	0.47	32
	00109-00003	"GRY / AIR / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: AIR(100)	N		GY	0.49	0.27	0.35	32
	00109-00004	"GRY / AIR / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.49	0.25	0.32	32
	00109-00005	"BRZ / AIR / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: AIR(100)	N		BZ	0.49	0.29	0.39	32
	00109-00006	"BRZ / AIR / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.49	0.26	0.35	32
	00109-00007	"GRN / AIR / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: AIR(100)	N		GR	0.49	0.31	0.49	32
	00109-00008	"GRN / AIR / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.49	0.28	0.43	32
	00110-00001	"E270 / AIR / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.29	0.53	32
	00110-00002	"E270 / AIR / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.26	0.47	32
	00111-00001	"E270 / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.29	0.52	32
	00112-00001	"E270 / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.50	0.26	0.46	32

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	00113-00001	"E270 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.625	SS-D	Fill 1: ARG(90/10)	N		CL	0.46	0.29	0.53	32
	00113-00002	"E270 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.46	0.26	0.47	32
	00113-00003	"GRY / ARG90 / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: ARG(90/10)	N		GY	0.46	0.27	0.35	32
	00113-00004	"GRY / ARG90 / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	GY	0.46	0.24	0.32	32
	00113-00005	"BRZ / ARG90 / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: ARG(90/10)	N		BZ	0.46	0.29	0.39	32
	00113-00006	"BRZ / ARG90 / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	BZ	0.46	0.26	0.35	32
	00113-00007	"GRN / ARG90 / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: ARG(90/10)	N		GR	0.46	0.31	0.49	32
	00113-00008	"GRN / ARG90 / E270 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.035(3)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	GR	0.46	0.28	0.43	32
	00114-00001	"E270 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.563	SS-D	Fill 1: ARG(90/10)	N		CL	0.46	0.29	0.53	32
	00114-00002	"E270 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.563	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.46	0.26	0.47	32
	00115-00001	"E270 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.500	SS-D	Fill 1: ARG(90/10)	N		CL	0.45	0.29	0.52	32
	00116-00001	"E270 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.035(2)	0.500	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.47	0.26	0.46	32
	00117-00001	"E366 / AIR / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.44	0.22	0.48	31
	00117-00002	"E366 / AIR / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.44	0.20	0.43	31
	00118-00001	"E366 / AIR / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.22	0.49	32
	00118-00002	"E366 / AIR / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.20	0.44	32
	00119-00001	"E366 / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.48	0.22	0.48	32
	00120-00001	"E366 / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.50	0.20	0.43	32
	00121-00001	"E366 / AIR / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.43	0.22	0.47	31

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	00122-00001	"E366 / AIR / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.45	0.20	0.42	31																
	00123-00001	"E366 / AIR / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.469	SS-D	Fill 1: AIR(100)	N		CL	0.48	0.22	0.49	32																
	00124-00001	"E366 / AIR / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.469	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.50	0.20	0.43	32																
	00125-00001	"E366 / ARG90 / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.625	SS-D	Fill 1: ARG(90/10)	N		CL	0.41	0.21	0.48	31																
	00125-00002	"E366 / ARG90 / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.41	0.19	0.43	31																
	00126-00001	"E366 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.563	SS-D	Fill 1: ARG(90/10)	N		CL	0.45	0.22	0.49	32																
	00126-00002	"E366 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.563	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.45	0.20	0.44	32																
	00127-00001	"E366 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.500	SS-D	Fill 1: ARG(90/10)	N		CL	0.45	0.22	0.48	32																
	00128-00001	"E366 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.500	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.46	0.20	0.43	32																
	00129-00001	"E366 / ARG90 / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(90/10)	N		CL	0.41	0.21	0.47	31																
	00130-00001	"E366 / ARG90 / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.42	0.19	0.42	31																
	00131-00001	"E366 / ARG90 / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.469	SS-D	Fill 1: ARG(90/10)	N		CL	0.45	0.22	0.49	32																
	00132-00001	"E366 / ARG90 / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8" IG"	AU/AU	2	0.02(2)	0.469	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.46	0.20	0.43	32																
	00133-00001	"E340 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.15	0.30	32																
	00133-00002	"E340 / AIR / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.14	0.26	32																
	00134-00001	"E340 / AIR / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.44	0.14	0.29	31																
	00134-00002	"E340 / AIR / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.44	0.13	0.26	31																
	00135-00001	"E340 / AIR / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.15	0.29	32																
	00135-00002	"E340 / AIR / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.14	0.26	32																

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** 8400 Thermally Improved Aluminum Double Hung **Simulation Lab:** SATI **Initial Cert. Date:** 08/08/2002
Street: 8181 Ambassador Row **Product Type:** VSDH **Sim. Report #:** Q5551.01-116-45 R0 **Re-Certification Date:** 02/27/2024
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 02/08/2024 **Revised Date:** 02/08/2024
Print Date: 03/01/2024 **Test Date:** 11/14/2023 **Expiration Date:** 11/14/2028

CPD Number: DYC-A-12

IA: American Architectural Manufacturers Association

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00136-00001	"E340 / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.15	0.29	32
	00137-00001	"E340 / AIR / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.50	0.14	0.26	32
	00138-00001	"E340 / AIR / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.44	0.15	0.28	31
	00139-00001	"E340 / AIR / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.45	0.14	0.25	31
	00140-00001	"E340 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.625	SS-D	Fill 1: ARG(90/10)	N		CL	0.46	0.15	0.30	32
	00140-00002	"E340 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.46	0.13	0.26	32
	00141-00001	"E340 / ARG90 / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: ARG(90/10)	N		CL	0.42	0.14	0.29	31
	00141-00002	"E340 / ARG90 / i89 (3MM/3MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.42	0.13	0.26	31
	00142-00001	"E340 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.563	SS-D	Fill 1: ARG(90/10)	N		CL	0.46	0.15	0.29	32
	00142-00002	"E340 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.563	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.46	0.13	0.26	32
	00143-00001	"E340 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: ARG(90/10)	N		CL	0.45	0.15	0.29	32
	00144-00001	"E340 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.47	0.14	0.26	32
	00145-00001	"E340 / ARG90 / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(90/10)	N		CL	0.41	0.14	0.28	31
	00146-00001	"E340 / ARG90 / i89 (5MM/5MM) - 7/8" IG"	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.42	0.13	0.25	31

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	11/14/2023	1194 mm x 1499 mm	0.434	0.400	Q5552.01-116-46

Comments:

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA
Signature: _____