

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 8200/8800 Thermally-Broken Aluminum Single Hung Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 03/18/2002  
**Street:** 8181 Ambassador Row      **Product Type:** VSSH      **Sim. Report #:** H6366.01-116-45      **Re-Certification Date:** 01/09/2018  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 10/13/2017      **Revised Date:** 10/13/2017  
**Print Date:** 12/11/2018      **VR (Standard Screen):**      **Test Date:** 11/28/2017      **Expiration Date:** 09/21/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-9															IA: American Architectural Manufacturers Association
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00136-00001	"CLR/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	N		CL	0.60	0.63	0.66	34
	00136-00002	"CLR/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.60	0.57	0.59	34
	00136-00003	"GRAY/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	N		GY	0.60	0.50	0.45	34
	00136-00004	"GRAY/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.60	0.45	0.40	34
	00136-00005	"BRZ/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	N		BZ	0.60	0.51	0.50	34
	00136-00006	"BRZ/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.60	0.46	0.44	34
	00136-00007	"GREEN/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	N		GR	0.60	0.50	0.61	34
	00136-00008	"GREEN/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.60	0.45	0.54	34
	00137-00001	"CLR/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.61	0.57	0.59	34
	00137-00002	"GRAY/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.61	0.45	0.40	34
	00137-00003	"BRZ/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.61	0.46	0.44	34
	00137-00004	"GREEN/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.61	0.45	0.54	34
	00138-00001	"E366/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	P1-S	Fill 1: AIR(100)	N		CL	0.45	0.23	0.52	35
	00138-00002	"E366/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.45	0.21	0.46	35
	00138-00003	"GRAY/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	N		GY	0.45	0.25	0.36	35
	00138-00004	"GRAY/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.45	0.23	0.32	35
	00138-00005	"BRZ/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	N		BZ	0.45	0.26	0.39	35
	00138-00006	"BRZ/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.45	0.24	0.35	35
	00138-00007	"GREEN/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	N		GR	0.45	0.29	0.48	35
	00138-00008	"GREEN/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.45	0.27	0.43	35
	00139-00001	"E366/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.47	0.21	0.46	35
	00139-00002	"GRAY/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.47	0.23	0.32	35
	00139-00003	"BRZ/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.47	0.24	0.35	35

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**Print Date:** 12/11/2018      **VR (Standard Screen):**      **Test Date:** 11/28/2017      **Expiration Date:** 09/21/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-9															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.	
	00139-00004	"GREEN/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.47	0.27	0.43	35	
	00140-00001	"E366/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.42	0.23	0.52	35	
	00140-00002	"E366/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.42	0.21	0.46	35	
	00140-00003	"GRAY/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		GY	0.42	0.25	0.36	35	
	00140-00004	"GRAY/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.42	0.22	0.32	35	
	00140-00005	"BRZ/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.42	0.26	0.39	35	
	00140-00006	"BRZ/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.42	0.23	0.35	35	
	00140-00007	"GREEN/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	N		GR	0.42	0.29	0.48	35	
	00140-00008	"GREEN/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.42	0.27	0.43	35	
	00141-00001	"E366/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.43	0.21	0.46	35	
	00141-00002	"GRAY/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.43	0.22	0.32	35	
	00141-00003	"BRZ/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.43	0.23	0.35	35	
	00141-00004	"GREEN/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.43	0.27	0.43	35	
	00142-00001	"CLR/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	N		CL	0.60	0.63	0.66	33	
	00142-00002	"CLR/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.60	0.57	0.59	33	
	00142-00003	"GRAY/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	N		GY	0.60	0.50	0.45	33	
	00142-00004	"GRAY/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.60	0.45	0.40	33	
	00142-00005	"BRZ/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.60	0.51	0.50	33	
	00142-00006	"BRZ/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.60	0.46	0.44	33	
	00142-00007	"GREEN/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	N		GR	0.60	0.50	0.61	33	
	00142-00008	"GREEN/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.60	0.45	0.54	33	
	00143-00001	"CLR/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.61	0.57	0.59	33	
	00143-00002	"GRAY/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.61	0.45	0.40	33	

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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.
	00143-00003	"BRZ/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.61	0.46	0.44	33
	00143-00004	"GREEN/AIR/CLR (DS/DS) 3/4""	AU/AU	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.61	0.45	0.54	33
	00144-00001	"CLR/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2		0.375	SS-D	Fill 1: AIR(100)	N		CL	0.62	0.61	0.65	32
	00145-00001	"CLR/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2		0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.64	0.55	0.58	32
	00146-00001	"E270/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.47	0.31	0.56	33
	00146-00002	"E270/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.47	0.28	0.50	33
	00146-00003	"GRAY/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	N		GY	0.47	0.29	0.39	33
	00146-00004	"GRAY/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.47	0.26	0.34	33
	00146-00005	"BRZ/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.47	0.30	0.42	33
	00146-00006	"BRZ/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.47	0.28	0.38	33
	00146-00007	"GREEN/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	N		GR	0.47	0.33	0.52	33
	00146-00008	"GREEN/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.47	0.30	0.46	33
	00147-00001	"E270/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.48	0.28	0.50	33
	00147-00002	"GRAY/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.48	0.26	0.34	33
	00147-00003	"BRZ/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.48	0.28	0.38	33
	00147-00004	"GREEN/AIR/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.48	0.30	0.46	33
	00148-00001	"E270/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.43	0.31	0.56	34
	00148-00002	"E270/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.43	0.28	0.50	34
	00148-00003	"GRAY/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GY	0.43	0.29	0.39	34
	00148-00004	"GRAY/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.43	0.26	0.34	34
	00148-00005	"BRZ/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		BZ	0.43	0.30	0.42	34
	00148-00006	"BRZ/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.43	0.27	0.38	34
	00148-00007	"GREEN/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GR	0.43	0.33	0.52	34

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**VR (Enhanced Screen):**

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IA: American Architectural Manufacturers Association															
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyr	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00148-00008	"GREEN/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.43	0.30	0.46	34
	00149-00001	"E270/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.44	0.28	0.50	34
	00149-00002	"GRAY/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.44	0.26	0.34	34
	00149-00003	"BRZ/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.44	0.27	0.38	34
	00149-00004	"GREEN/ARG90/E270 (DS/DS) 3/4""	AU/AU	2	0.037(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.44	0.30	0.46	34
	00150-00001	"E270/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.037(2)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.47	0.31	0.56	34
	00150-00002	"E270/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.037(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.47	0.28	0.50	34
	00151-00001	"E270/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.037(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.50	0.28	0.50	34
	00152-00001	"E270/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.037(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.43	0.31	0.56	34
	00152-00002	"E270/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.037(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.43	0.28	0.50	34
	00153-00001	"E270/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.037(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.45	0.28	0.50	34
	00154-00001	"E270/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2	0.037(2)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.31	0.55	33
	00155-00001	"E270/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2	0.037(2)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.53	0.28	0.49	33
	00156-00001	"E270/ARG90/CLR (5MM/5MM) 3/4""	AU/AU	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.44	0.30	0.55	34
	00157-00001	"E270/ARG90/CLR (5MM/5MM) 3/4""	AU/AU	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.48	0.27	0.49	34
	00158-00001	"E366/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.46	0.23	0.52	33
	00158-00002	"E366/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.46	0.21	0.46	33
	00158-00003	"GRAY/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	N		GY	0.46	0.25	0.36	33
	00158-00004	"GRAY/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.46	0.23	0.32	33
	00158-00005	"BRZ/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.46	0.26	0.39	33
	00158-00006	"BRZ/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.46	0.24	0.35	33
	00158-00007	"GREEN/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	N		GR	0.46	0.29	0.48	33
	00158-00008	"GREEN/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.46	0.27	0.43	33

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 8200/8800 Thermally-Broken Aluminum Single Hung Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 03/18/2002  
**Street:** 8181 Ambassador Row      **Product Type:** VSSH      **Sim. Report #:** H6366.01-116-45      **Re-Certification Date:** 01/09/2018  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 10/13/2017      **Revised Date:** 10/13/2017  
**Print Date:** 12/11/2018      **VR (Standard Screen):**      **Test Date:** 11/28/2017      **Expiration Date:** 09/21/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-9			IA: American Architectural Manufacturers Association												
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00159-00001	"E366/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.48	0.21	0.46	33
	00159-00002	"GRAY/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.48	0.23	0.32	33
	00159-00003	"BRZ/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.48	0.24	0.35	33
	00159-00004	"GREEN/AIR/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.48	0.27	0.43	33
	00160-00001	"E366/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.43	0.23	0.52	34
	00160-00002	"E366/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.43	0.21	0.46	34
	00160-00003	"GRAY/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GY	0.43	0.25	0.36	34
	00160-00004	"GRAY/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.43	0.22	0.32	34
	00160-00005	"BRZ/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		BZ	0.43	0.26	0.39	34
	00160-00006	"BRZ/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.43	0.23	0.35	34
	00160-00007	"GREEN/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		GR	0.43	0.29	0.48	34
	00160-00008	"GREEN/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.43	0.27	0.43	34
	00161-00001	"E366/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.44	0.21	0.46	34
	00161-00002	"GRAY/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.44	0.22	0.32	34
	00161-00003	"BRZ/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.44	0.23	0.35	34
	00161-00004	"GREEN/ARG90/E366 (DS/DS) 3/4""	AU/AU	2	0.022(3)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.44	0.27	0.43	34
	00162-00001	"E366/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.022(2)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.47	0.23	0.52	34
	00162-00002	"E366/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.022(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.47	0.21	0.46	34
	00163-00001	"E366/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.022(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.21	0.46	34
	00164-00001	"E366/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.022(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.43	0.23	0.52	34
	00164-00002	"E366/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.022(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.43	0.21	0.46	34
	00165-00001	"E366/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.022(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.45	0.21	0.46	34
	00166-00001	"E366/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2	0.022(2)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.48	0.24	0.51	33

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 8200/8800 Thermally-Broken Aluminum Single Hung Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 03/18/2002  
**Street:** 8181 Ambassador Row      **Product Type:** VSSH      **Sim. Report #:** H6366.01-116-45      **Re-Certification Date:** 01/09/2018  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 10/13/2017      **Revised Date:** 10/13/2017  
**Print Date:** 12/11/2018      **VR (Standard Screen):**      **Test Date:** 11/28/2017      **Expiration Date:** 09/21/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-9																IA: American Architectural Manufacturers Association															
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.																
	00167-00001	"E366/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2	0.022(2)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.52	0.22	0.46	33																
	00168-00001	"E366/ARG90/CLR (5MM/5MM) 3/4""	AU/AU	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.44	0.23	0.51	34																
	00169-00001	"E366/ARG90/CLR (5MM/5MM) 3/4""	AU/AU	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.47	0.21	0.46	34																
	00170-00001	"E366/AIR/LAMI (DS/DS 030PVB DS) 3/4""	AU/AU	2	0.022(2)	0.344	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.24	0.51	34																
	00171-00001	"E366/AIR/LAMI (DS/DS 030PVB DS) 3/4""	AU/AU	2	0.022(2)	0.344	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.54	0.21	0.45	34																
	00172-00001	"E366/ARG90/LAMI (DS/DS 030PVB DS) 3/4""	AU/AU	2	0.022(2)	0.344	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.45	0.23	0.51	34																
	00173-00001	"E366/ARG90/LAMI (DS/DS 030PVB DS) 3/4""	AU/AU	2	0.022(2)	0.344	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.49	0.21	0.45	34																
	00174-00001	"E366/AIR/i89 (DS/DS) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.41	0.23	0.51	33																
	00174-00002	"E366/AIR/i89 (DS/DS) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.21	0.45	33																
	00175-00001	"E366/AIR/i89 (DS/DS) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.21	0.45	33																
	00176-00001	"E366/ARG90/i89 (DS/DS) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.38	0.22	0.51	33																
	00176-00002	"E366/ARG90/i89 (DS/DS) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.38	0.20	0.45	33																
	00177-00001	"E366/ARG90/i89 (DS/DS) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.40	0.20	0.45	33																
	00178-00001	"E366/AIR/i89 (DS/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.41	0.23	0.50	33																
	00178-00002	"E366/AIR/i89 (DS/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.21	0.45	33																
	00179-00001	"E366/AIR/i89 (DS/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.43	0.21	0.45	33																
	00180-00001	"E366/ARG90/i89 (DS/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.38	0.22	0.50	33																
	00180-00002	"E366/ARG90/i89 (DS/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.38	0.20	0.45	33																
	00181-00001	"E366/ARG90/i89 (DS/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.40	0.20	0.45	33																
	00182-00001	"E366/AIR/i89 (5MM/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.43	0.23	0.50	33																
	00183-00001	"E366/AIR/i89 (5MM/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.45	0.21	0.45	33																

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 8200/8800 Thermally-Broken Aluminum Single Hung Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 03/18/2002  
**Street:** 8181 Ambassador Row      **Product Type:** VSSH      **Sim. Report #:** H6366.01-116-45      **Re-Certification Date:** 01/09/2018  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 10/13/2017      **Revised Date:** 10/13/2017  
**Print Date:** 12/11/2018      **VR (Standard Screen):**      **Test Date:** 11/28/2017      **Expiration Date:** 09/21/2022  
**VR (Enhanced Screen):**

CPD Number: DYC-A-9			IA: American Architectural Manufacturers Association												
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00184-00001	"E366/ARG90/i89 (5MM/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.39	0.23	0.50	33
	00185-00001	"E366/ARG90/i89 (5MM/5MM) 3/4""	AU/AU	2	0.022(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.42	0.21	0.45	33
	00186-00001	"E340/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.46	0.16	0.31	33
	00186-00002	"E340/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.46	0.15	0.28	33
	00187-00001	"E340/AIR/CLR (DS/DS) 3/4""	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.48	0.15	0.28	33
	00188-00001	"E340/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.43	0.15	0.31	34
	00188-00002	"E340/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.43	0.14	0.28	34
	00189-00001	"E340/ARG90/CLR (DS/DS) 3/4""	AU/AU	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.44	0.14	0.28	34
	00190-00001	"E340/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.028(2)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.47	0.16	0.31	34
	00190-00002	"E340/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.028(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.47	0.15	0.28	34
	00191-00001	"E340/AIR/CLR (DS/5MM) 3/4""	AU/AU	2	0.028(2)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.49	0.15	0.28	34
	00192-00001	"E340/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.028(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.43	0.15	0.31	34
	00192-00002	"E340/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.028(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.43	0.14	0.28	34
	00193-00001	"E340/ARG90/CLR (DS/5MM) 3/4""	AU/AU	2	0.028(2)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.45	0.14	0.28	34
	00194-00001	"E340/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2	0.028(2)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.49	0.17	0.31	33
	00195-00001	"E340/AIR/CLR (5MM/5MM) 3/4""	AU/AU	2	0.028(2)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.52	0.15	0.27	33
	00196-00001	"E340/ARG90/CLR (5MM/5MM) 3/4""	AU/AU	2	0.028(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.44	0.16	0.31	34
	00197-00001	"E340/ARG90/CLR (5MM/5MM) 3/4""	AU/AU	2	0.028(2)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.48	0.15	0.27	34
	00198-00001	"E340/AIR/i89 (DS/DS) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.41	0.15	0.30	33
	00198-00002	"E340/AIR/i89 (DS/DS) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.14	0.27	33
	00199-00001	"E340/AIR/i89 (DS/DS) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.14	0.27	33
	00200-00001	"E340/ARG90/i89 (DS/DS) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.38	0.15	0.30	33
	00200-00002	"E340/ARG90/i89 (DS/DS) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.38	0.14	0.27	33

# NFRC Product Certification Authorization Report



**Manufacturer:** Don Young Company      **Product Series:** 8200/8800 Thermally-Broken Aluminum Single Hung Window      **Simulation Lab:** SATI      **Initial Cert. Date:** 03/18/2002  
**Street:** 8181 Ambassador Row      **Product Type:** VSSH      **Sim. Report #:** H6366.01-116-45      **Re-Certification Date:** 01/09/2018  
**City/State/Zip:** Dallas, TX 75247      **Air Leakage:** ≤ 0.3      **Sim. Report Date:** 10/13/2017      **Revised Date:** 10/13/2017  
**Print Date:** 12/11/2018      **VR (Standard Screen):**      **Test Date:** 11/28/2017      **Expiration Date:** 09/21/2022  
**VR (Enhanced Screen):**

CPD Number: <b>DYC-A-9</b>			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.
	00201-00001	"E340/ARG90/i89 (DS/DS) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.40	0.14	0.27	33
	00202-00001	"E340/AIR/i89 (DS/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	N		CL	0.42	0.15	0.30	33
	00202-00002	"E340/AIR/i89 (DS/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.14	0.27	33
	00203-00001	"E340/AIR/i89 (DS/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.43	0.14	0.27	33
	00204-00001	"E340/ARG90/i89 (DS/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.39	0.15	0.30	33
	00204-00002	"E340/ARG90/i89 (DS/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.39	0.14	0.27	33
	00205-00001	"E340/ARG90/i89 (DS/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.438	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.40	0.14	0.27	33
	00206-00001	"E340/AIR/i89 (5MM/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	N		CL	0.43	0.16	0.30	33
	00207-00001	"E340/AIR/i89 (5MM/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.45	0.14	0.27	33
	00208-00001	"E340/ARG90/i89 (5MM/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.40	0.15	0.30	33
	00209-00001	"E340/ARG90/i89 (5MM/5MM) 3/4""	AU/AU	2	0.028(2), 0.149(4)	0.375	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.42	0.14	0.27	33



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**Baseline Information**

<b>Test Lab</b>	<b>Test Date</b>	<b>Test Size</b>	<b>Tested U-Value</b>	<b>Standard U-Value</b>	<b>Test Report Number</b>
<b>TATI</b>	<b>11/28/2017</b>	1200 mm x 1499 mm	0.463	0.440	H6367.01-116-46

**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: \_\_\_\_\_