

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** Series 5400 DH **Simulation Lab:** SATI **Initial Cert. Date:** 04/17/2003
Street: 8181 Ambassador Row **Product Type:** VSDH **Sim. Report #:** E0120.03-116-45 **Re-Certification Date:** 01/13/2015
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 01/06/2015 **Revised Date:** 01/06/2015
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 10/01/2014 **Expiration Date:** 10/01/2018
VR (Enhanced Screen):

CPD Number: **DYC-A-19**

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.
	00146-00001	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2		0.500	P1-S	Fill 1: AIR (100)	N		CL	0.47	0.61	0.64	45
	00146-00002	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.47	0.54	0.57	45
	00147-00001	8mm Grids: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.47	0.54	0.57	45
	00148-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	P1-S	Fill 1: AIR (100)	N		CL	0.32	0.22	0.50	57
	00148-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.32	0.20	0.45	57
	00149-00001	8mm Grids: E366/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.34	0.20	0.45	57
	00150-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.22	0.50	60
	00150-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.20	0.45	60
	00151-00001	8mm Grids: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.30	0.20	0.45	60
	00152-00001	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2		0.500	SS-D	Fill 1: AIR (100)	N		CL	0.47	0.61	0.64	43
	00152-00002	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2		0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.47	0.54	0.57	43
	00153-00001	8mm Grids: CLR/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2		0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.48	0.54	0.57	43
	00154-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.33	0.22	0.50	54
	00154-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.20	0.45	54
	00155-00001	8mm Grids: E366/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.35	0.20	0.45	54
	00156-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.30	0.22	0.50	57

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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.	
	00156-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.30	0.20	0.45	57	
	00157-00001	8mm Grids: E366/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.20	0.45	57	
	00158-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.037(2)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.29	0.55	54	
	00158-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.037(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.26	0.49	54	
	00159-00001	8mm Grids: E270/AIR/CLR (DS/DS) 3/4" IG	VY/VA	2	0.037(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.35	0.26	0.49	54	
	00160-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.30	0.29	0.55	57	
	00160-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.30	0.26	0.49	57	
	00161-00001	8mm Grids: E270/ARG90/CLR (DS/DS) 3/4" IG	VY/VA	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.26	0.49	57	
	00162-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/i89 (DS/DS) 3/4" IG	VY/VA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.29	0.53	42	
	00162-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/i89 (DS/DS) 3/4" IG	VY/VA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.26	0.47	42	
	00163-00001	8mm Grids: E270/AIR/i89 (DS/DS) 3/4" IG	VY/VA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.26	0.47	42	
	00164-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/i89 (DS/DS) 3/4" IG	VY/VA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.26	0.28	0.53	46	
	00164-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/i89 (DS/DS) 3/4" IG	VY/VA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.26	0.26	0.47	46	
	00165-00001	8mm Grids: E270/ARG90/i89 (DS/DS) 3/4" IG	VY/VA	2	0.037(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.26	0.47	46	
	00166-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (DS/DS) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.28	0.21	0.49	43	
	00166-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (DS/DS) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.19	0.44	43	
	00167-00001	8mm Grids: E366/AIR/i89 (DS/DS) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.19	0.44	43	

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	00168-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (DS/DS) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.26	0.21	0.49	46	
	00168-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (DS/DS) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.26	0.19	0.44	46	
	00169-00001	8mm Grids: E366/ARG90/i89 (DS/DS) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.500	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.44	46	
	00170-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR-LAMI (DS/DS 030PVB DS) 3/4" IG	VY/VA	2	0.022(2)	0.367	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.22	0.50	55	
	00170-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR-LAMI (DS/DS 030PVB DS) 3/4" IG	VY/VA	2	0.022(2)	0.367	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.20	0.44	55	
	00171-00001	8mm Grids: E366/ARG90/CLR-LAMI (DS/DS 030PVB DS) 3/4" IG	VY/VA	2	0.022(2)	0.367	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.35	0.20	0.44	55	
	00172-00001	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2		0.375	SS-D	Fill 1: AIR (100)	N		CL	0.49	0.58	0.63	42	
	00172-00002	No Grids, 3/16" Grid, 5.5mm Grid: CLR/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2		0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.49	0.52	0.56	42	
	00173-00001	8mm Grids: CLR/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2		0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.51	0.52	0.56	42	
	00174-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.037(2)	0.375	SS-D	Fill 1: AIR (100)	N		CL	0.36	0.29	0.53	51	
	00174-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.037(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.36	0.26	0.48	51	
	00175-00001	8mm Grids: E270/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.037(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.26	0.48	51	
	00176-00001	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.29	0.53	54	
	00176-00002	No Grids, 3/16" Grid, 5.5mm Grid: E270/ARG90/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.26	0.48	54	
	00177-00001	8mm Grids: E270/ARG90/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.037(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.35	0.26	0.48	54	
	00178-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2)	0.375	SS-D	Fill 1: AIR (100)	N		CL	0.36	0.22	0.49	51	

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	00178-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.36	0.20	0.44	51	
	00179-00001	8mm Grids: E366/AIR/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.39	0.20	0.44	51	
	00180-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.22	0.49	55	
	00180-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.20	0.44	55	
	00181-00001	8mm Grids: E366/ARG90/CLR (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.35	0.20	0.44	55	
	00182-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: AIR (100)	N		CL	0.30	0.22	0.48	40	
	00182-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/AIR/i89 (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.20	0.43	40	
	00183-00001	8mm Grids: E366/AIR/i89 (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.20	0.43	39	
	00184-00001	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.48	43	
	00184-00002	No Grids, 3/16" Grid, 5.5mm Grid: E366/ARG90/i89 (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.43	43	
	00185-00001	8mm Grids: E366/ARG90/i89 (5MM/5MM) 3/4" IG	VY/VA	2	0.022(2),0.149(4)	0.375	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.19	0.43	43	

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	10/01/2014	1200mm x 1499mm	0.183	0.181	E0121.03-116-46

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: _____