

NFRC Product Certification Authorization Report



Manufacturer: Lawson Industries
Street: 8501 NW 90th Street
City/State/Zip: Medley, FL 33166

Product Series: 9000 SGD
Product Type: DDSG
Air Leakage:

Simulation Lab: SFTL
Sim. Report #: 12803
Sim. Report Date: 09/10/2021

Initial Cert. Date: 08/05/2022
Re-Certification Date:
Revised Date: 01/01/1970

Print Date: 08/05/2022

Test Date: 12/06/2021

Expiration Date: 12/06/2026

CPD Number: LAW-M-27

IA: National Accreditation And Management Institute

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.
	00001-00001	3/16 Clear - Air - 3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		CL	0.69	0.63	0.68	16
	00001-00002	3/16 Clear - Air - 3/16 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		CL	0.69	0.63	0.68	16
	00001-00003	3/16 Green - Air - 3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GR	0.69	0.46	0.60	16
	00001-00004	3/16 Green - Air - 3/16 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		GR	0.69	0.46	0.60	16
	00001-00005	3/16 Bronze - Air - 3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.69	0.47	0.44	16
	00001-00006	3/16 Bronze - Air - 3/16 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		BZ	0.69	0.47	0.44	16
	00001-00007	3/16 Gray - Air - 3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GY	0.69	0.44	0.38	16
	00001-00008	3/16 Gray - Air - 3/16 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		GY	0.69	0.44	0.38	16
	00002-00001	3/16 E2 - Air - 3/16 Clear	AL/AL	2	0.202(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.62	0.54	0.62	16
	00002-00002	3/16 E2 - Air - 3/16 Clear	AL/AL	2	0.202(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.62	0.54	0.62	16
	00003-00001	3/16 Clear	AL/AL	1			N		N		CL	1.07	0.72	0.75	12
	00003-00002	3/16 Green	AL/AL	1			N		N		GR	1.07	0.55	0.66	12
	00003-00003	3/16 Bronze	AL/AL	1			N		N		BZ	1.07	0.56	0.49	12
	00003-00004	3/16 Gray	AL/AL	1			N		N		GY	1.07	0.54	0.42	12
	00003-00005	1/4 Clear	AL/AL	1			N		N		CL	1.07	0.70	0.74	12
	00003-00006	1/4 Green	AL/AL	1			N		N		GR	1.07	0.53	0.64	12
	00003-00007	1/4 Bronze	AL/AL	1			N		N		BZ	1.07	0.53	0.45	12
	00003-00008	1/4 Gray	AL/AL	1			N		N		GY	1.07	0.50	0.37	12
	00004-00001	3/16 LoE 366 - Air - 3/16 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.58	0.25	0.53	16
	00004-00002	3/16 LoE 366 - Air - 3/16 Clear	AL/AL	2	0.022(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.58	0.25	0.53	16
	00005-00001	3/16 LoE 270 - Air - 3/16 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.33	0.57	16
	00005-00002	3/16 LoE 270 - Air - 3/16 Clear	AL/AL	2	0.037(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.33	0.57	16
	00006-00001	3/16 LoE 240 - Air - 3/16 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.24	0.33	16
	00006-00002	3/16 LoE 240 - Air - 3/16 Clear	AL/AL	2	0.057(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.24	0.33	16

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	00007-00001	3/16 LoE 366 - Arg - 3/16 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.53	16
	00007-00002	3/16 LoE 366 - Arg - 3/16 Clear	AL/AL	2	0.022(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.53	16
	00008-00001	3/16 LoE 270 - Arg - 3/16 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.32	0.57	16
	00008-00002	3/16 LoE 270 - Arg - 3/16 Clear	AL/AL	2	0.037(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.32	0.57	16
	00009-00001	3/16 LoE 240 - Arg - 3/16 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.54	0.23	0.33	16
	00009-00002	3/16 LoE 240 - Arg - 3/16 Clear	AL/AL	2	0.057(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.54	0.23	0.33	16
	00010-00001	1/8 Comfort Select 28 - Air - 1/ 8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.53	16
	00010-00002	1/8 Comfort Select 28 - Air - 1/ 8 Clear	AL/AL	2	0.021(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.53	16
	00011-00001	1/8 Comfort Select 36 - Air - 1/ 8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.32	0.56	16
	00011-00002	1/8 Comfort Select 36 - Air - 1/ 8 Clear	AL/AL	2	0.027(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.32	0.56	16
	00012-00001	1/8 Clima Guard 55/27 - Air - 1/ 8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.47	16
	00012-00002	1/8 Clima Guard 55/27 - Air - 1/ 8 Clear	AL/AL	2	0.031(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.47	16
	00013-00001	1/8 Clima Guard 63/31 - Air - 1/ 8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.28	0.53	16
	00013-00002	1/8 Clima Guard 63/31 - Air - 1/ 8 Clear	AL/AL	2	0.033(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.28	0.53	16
	00014-00001	1/8 Clima Guard 70/36 - Air - 1/ 8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.34	0.59	16
	00014-00002	1/8 Clima Guard 70/36 - Air - 1/ 8 Clear	AL/AL	2	0.036(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.34	0.59	16
	00015-00001	1/8 Comfort Select 28 - Arg - 1/ 8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.26	0.53	16
	00015-00002	1/8 Comfort Select 28 - Arg - 1/ 8 Clear	AL/AL	2	0.021(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.26	0.53	16
	00016-00001	1/8 Comfort Select 36 - Arg - 1/ 8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.32	0.56	16
	00016-00002	1/8 Comfort Select 36 - Arg - 1/ 8 Clear	AL/AL	2	0.027(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.32	0.56	16
	00017-00001	1/8 Clima Guard 55/27 - Arg - 1/ 8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.47	16
	00017-00002	1/8 Clima Guard 55/27 - Arg - 1/ 8 Clear	AL/AL	2	0.031(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.47	16
	00018-00001	1/8 Clima Guard 63/31 - Arg - 1/ 8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.28	0.53	16
	00018-00002	1/8 Clima Guard 63/31 - Arg - 1/ 8 Clear	AL/AL	2	0.033(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.28	0.53	16
	00019-00001	1/8 Clima Guard 70/36 - Arg - 1/ 8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.34	0.59	16

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	00019-00002	1/8 Clima Guard 70/36 - Arg - 1/ 8 Clear	AL/AL	2	0.036(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.34	0.59	16
	00020-00001	1/8 LoE 340 - AIR - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.18	0.33	16
	00020-00002	1/8 LoE 340 - AIR - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.18	0.33	16
	00020-00003	3/16 LoE 340 - AIR - 3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.18	0.32	16
	00020-00004	3/16 LoE 340 - AIR - 3/16 Clear	AL/AL	2	0.028(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.18	0.32	16
	00021-00001	1/8 LoE 340 - ARG - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.17	0.33	16
	00021-00002	1/8 LoE 340 - ARG - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.17	0.33	16
	00021-00003	3/16 LoE 340 - ARG - 3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.17	0.32	16
	00021-00004	3/16 LoE 340 - ARG - 3/16 Clear	AL/AL	2	0.028(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.17	0.32	16
	00022-00001	1/8 Clima Guard 62/27 - AIR - 1/ 8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.52	16
	00022-00002	1/8 Clima Guard 62/27 - AIR - 1/ 8 Clear	AL/AL	2	0.03(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.52	16
	00022-00003	3/16 Clima Guard 62/27 - AIR - 3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.51	16
	00022-00004	3/16 Clima Guard 62/27 - AIR - 3/16 Clear	AL/AL	2	0.03(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.59	0.26	0.51	16
	00023-00001	1/8 Clima Guard 62/27 - ARG - 1/ 8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.52	16
	00023-00002	1/8 Clima Guard 62/27 - ARG - 1/ 8 Clear	AL/AL	2	0.03(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.52	16
	00023-00003	3/16 Clima Guard 62/27 - ARG - 3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.51	16
	00023-00004	3/16 Clima Guard 62/27 - ARG - 3/16 Clear	AL/AL	2	0.03(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.53	0.25	0.51	16
	00024-00001	3/16 Neutral 40 - AIR - 3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.61	0.29	0.34	16
	00024-00002	3/16 Neutral 40 - AIR - 3/16 Clear	AL/AL	2	0.149(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.61	0.29	0.34	16
	00025-00001	3/16 Neutral 40 - ARG - 3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.56	0.29	0.34	16
	00025-00002	3/16 Neutral 40 - ARG - 3/16 Clear	AL/AL	2	0.149(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.56	0.29	0.34	16

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TFTL	12/06/2021	2000mm x 2000mm	0.582	0.537	12743

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: _____

