

# NFRC Product Certification Authorization Report



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

**Product Series:** 9400 SGD  
**Product Type:** DDSG  
**Air Leakage:**

**Simulation Lab:** SFTL  
**Sim. Report #:** 12925R2  
**Sim. Report Date:** 08/10/2022

**Initial Cert. Date:** 08/25/2022  
**Re-Certification Date:**  
**Revised Date:** 08/10/2022

**Print Date:** 08/25/2022

**Test Date:** 12/08/2021

**Expiration Date:** 12/08/2026

**CPD Number:** LAW-M-31

**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 LoE366-ARG-3/16 clear-090PVB-3/16 clear	AL/AL	2	0.022(2)	0.375	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.66	0.21	0.44	15
	00002-00001	3/16 LoE240-ARG-3/16 clear-090PVB-3/16 clear	AL/AL	2	0.057(2)	0.375	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.67	0.19	0.27	15
	00003-00001	3/16 LoE272-ARG-3/16 clear-090PVB-3/16 clear	AL/AL	2	0.042(2)	0.375	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.67	0.30	0.49	15
	00004-00001	3/16 LoE240-AIR-3/16 clear-090PVB-3/16 clear	AL/AL	2	0.057(2)	0.375	A8-S	Fill 1: AIR(100)	N		CL	0.71	0.20	0.27	15
	00005-00001	3/16 LoE272-AIR-3/16 clear-090PVB-3/16 clear	AL/AL	2	0.042(2)	0.375	A8-S	Fill 1: AIR(100)	N		CL	0.70	0.30	0.49	15
	00006-00001	1/8 clear-090 white PVB-1/8 clear	AL/AL	1			N		N		OT	1.13	0.24	0.00	14
	00006-00002	3/16 clear-090 green PVB-3/16 clear	AL/AL	1			N		N		GR	1.13	0.42	0.14	14
	00006-00003	3/16 green-090 PVB-3/16 clear	AL/AL	1			N		N		GR	1.13	0.44	0.55	14
	00006-00004	3/16 gray-090 PVB-3/16 clear	AL/AL	1			N		N		GY	1.13	0.41	0.35	14
	00006-00005	3/16 bronze-090 PVB-3/16 clear	AL/AL	1			N		N		BZ	1.13	0.44	0.40	14
	00006-00006	3/16 clear-090 gray PVB-3/16 clear	AL/AL	1			N		N		GY	1.13	0.43	0.30	14
	00006-00007	3/16 clear-090 bronze PVB-3/16 clear	AL/AL	1			N		N		BZ	1.13	0.42	0.34	14
	00006-00008	1/8 clear-090 black PVB-1/8 clear	AL/AL	1			N		N		OT	1.13	0.24	-	14
	00007-00001	3/16 LoE 366 - ARG - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.71	0.20	0.22	15
	00007-00002	3/16 LoE 366 - ARG - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.71	0.20	0.26	15
	00008-00001	3/16 LoE 340 - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.76	0.16	0.26	15
	00008-00002	3/16 LoE 366 - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.76	0.22	0.44	15
	00008-00003	3/16 LoE 366 - AIR - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.76	0.20	0.22	15
	00008-00004	3/16 LoE 366 - AIR - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.76	0.20	0.26	15

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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.
	00008-00005	3/16 LoE 340 - AIR - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.76	0.15	0.13	15
	00008-00006	3/16 LoE 340 - AIR - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.76	0.15	0.15	15
	00009-00001	3/16 LoE 340 - ARG - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.71	0.15	0.26	15
	00009-00002	3/16 LoE 340 - ARG - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.71	0.14	0.13	15
	00009-00003	3/16 LoE 340 - ARG - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.71	0.14	0.15	15
	00010-00001	3/16 Grey - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GY	0.84	0.36	0.31	15
	00010-00002	3/16 Bronze - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.84	0.38	0.36	15
	00010-00003	3/16 Clear - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		CL	0.84	0.51	0.56	15
	00010-00004	3/16 Clear - AIR - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GY	0.84	0.45	0.27	15
	00010-00005	3/16 Clear - AIR - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.84	0.46	0.33	15
	00011-00001	3/16 Bronze - ARG - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.82	0.38	0.36	15
	00011-00002	3/16 Clear - ARG - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.82	0.51	0.56	15
	00011-00003	3/16 Clear - ARG - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.82	0.46	0.27	15
	00011-00004	3/16 Clear - ARG - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.82	0.46	0.33	15
	00011-00005	3/16 Grey - ARG - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2		0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.82	0.36	0.31	15
	00012-00001	3/16 Neutral 40 - AIR - 3/16 Clear-090 Gr PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: AIR(100)	N		GR	0.77	0.24	0.24	15
	00012-00002	3/16 Neutral 40 - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.77	0.25	0.28	15

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	00012-00003	3/16 Neutral 40 - AIR - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.77	0.23	0.14	15
	00012-00004	3/16 Neutral 40 - AIR - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.77	0.23	0.16	15
	00013-00001	3/16 Neutral 40 - ARG - 3/16 Clear-090 Gr PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GR	0.73	0.24	0.24	15
	00013-00002	3/16 Neutral 40 - ARG - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.73	0.23	0.16	15
	00013-00003	3/16 Neutral 40 - ARG - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.73	0.24	0.28	15
	00013-00004	3/16 Neutral 40 - ARG - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.149(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.73	0.23	0.14	15
	00014-00001	3/16 Clima Guard 62/27 - AIR - 3/16 Clear-090 Gr PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		GR	0.76	0.21	0.36	15
	00014-00002	3/16 Clima Guard 62/27 - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.76	0.22	0.42	15
	00014-00003	3/16 Clima Guard 62/27 - AIR - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.76	0.20	0.21	15
	00014-00004	3/16 Clima Guard 62/27 - AIR - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.76	0.21	0.25	15
	00015-00001	3/16 Clima Guard 62/27 - ARG - 3/16 Clear-090 Gr PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GR	0.71	0.21	0.36	15
	00015-00002	3/16 Clima Guard 62/27 - ARG - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.71	0.22	0.42	15
	00015-00003	3/16 Clima Guard 62/27 - ARG - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.71	0.20	0.21	15
	00015-00004	3/16 Clima Guard 62/27 - ARG - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.71	0.20	0.25	15
	00016-00001	3/16 Clima Guard 70/36 - AIR - 3/16 Clear-090 Gr PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR(100)	N		GR	0.76	0.27	0.41	15
	00016-00002	3/16 Clima Guard 70/36 - AIR - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.76	0.29	0.48	15
	00016-00003	3/16 Clima Guard 70/36 - AIR - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.76	0.26	0.23	15

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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.
	00016-00004	3/16 Clima Guard 70/36 - AIR - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.76	0.27	0.28	15
	00017-00001	3/16 Clima Guard 70/36 - ARG - 3/16 Clear-090 Gr PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GR	0.71	0.28	0.41	15
	00017-00002	3/16 Clima Guard 70/36 - ARG - 3/16 Clear-090PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.71	0.28	0.48	15
	00017-00003	3/16 Clima Guard 70/36 - ARG - 3/16 Clear-090 Gy PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.71	0.26	0.23	15
	00017-00004	3/16 Clima Guard 70/36 - ARG - 3/16 Clear-090 Br PVB-3/16 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.71	0.27	0.28	15
	00018-00001	3/16 LoE 366-090 PVB-3/16 clear	AL/AL	1			N		N		CL	1.11	0.26	0.43	14
	00018-00002	3/16 LoE 366-090 PVB-3/16 gray	AL/AL	1			N		N		GY	1.11	0.22	0.25	14
	00018-00003	1/8 LoE366-090 PVB (030 grey-030 clear-030 clear-1/8 clear	AL/AL	1			N		N		GY	1.11	0.20	0.22	14
	00018-00004	3/16 LoE366-090 PVB (030 grey-030 clear-030 clear-3/16 clear	AL/AL	1			N		N		GY	1.11	0.21	0.21	14
	00019-00001	3/16 LoE 340-090 PVB-3/16 clear	AL/AL	1			N		N		CL	1.11	0.22	0.26	14

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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>TFTL</b>	<b>12/08/2021</b>	2000mm x 1200mm	0.807	0.716	12957

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

