

NFRC Product Certification Authorization Report



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

Product Series: 7500 Single Hung
Product Type: VSSH
Air Leakage:

Simulation Lab: SFTL
Sim. Report #: 12800
Sim. Report Date: 09/10/2021

Initial Cert. Date: 07/13/2022
Re-Certification Date:
Revised Date: 01/01/1970

Print Date: 07/13/2022

Test Date: 09/10/2021

Expiration Date: 09/10/2026

CPD Number: LAW-M-24

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	1/8 Clear - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		CL	0.74	0.66	0.69	15
	00001-00002	1/8 Clear - Air - 1/8 Clear	AL/AL	2		0.250	P1-S	Fill 1: AIR(100)	N		CL	0.74	0.66	0.69	15
	00001-00003	1/8 Green - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GR	0.74	0.52	0.63	15
	00001-00004	1/8 Green - Air - 1/8 Clear	AL/AL	2		0.250	P1-S	Fill 1: AIR(100)	N		GR	0.74	0.52	0.63	15
	00001-00005	1/8 Broze - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.74	0.54	0.51	15
	00001-00006	1/8 Broze - Air - 1/8 Clear	AL/AL	2		0.250	P1-S	Fill 1: AIR(100)	N		BZ	0.74	0.54	0.51	15
	00001-00007	1/8 Gray - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GY	0.74	0.52	0.47	15
	00001-00008	1/8 Gray - Air - 1/8 Clear	AL/AL	2		0.250	P1-S	Fill 1: AIR(100)	N		GY	0.74	0.52	0.47	15
	00002-00001	1/8 E2 - Air - 1/8 Clear	AL/AL	2	0.204(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.56	0.63	16
	00002-00002	1/8 E2 - Air - 1/8 Clear	AL/AL	2	0.204(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.56	0.63	16
	00003-00001	1/8 Clear	AL/AL	1			N		N		CL	1.12	0.74	0.75	12
	00003-00002	1/8 Green	AL/AL	1			N		N		GR	1.12	0.60	0.69	12
	00003-00003	1/8 Bronze	AL/AL	1			N		N		BZ	1.12	0.62	0.56	12
	00003-00004	1/8 Gray	AL/AL	1			N		N		GY	1.12	0.60	0.51	12
	00003-00005	3/16 Clear	AL/AL	1			N		N		CL	1.12	0.72	0.74	12
	00003-00006	3/16 Green	AL/AL	1			N		N		GR	1.12	0.55	0.66	12
	00003-00007	3/16 Bronze	AL/AL	1			N		N		BZ	1.12	0.56	0.48	12
	00003-00008	3/16 Gray	AL/AL	1			N		N		GY	1.12	0.54	0.42	12
	00003-00009	1/4 Clear	AL/AL	1			N		N		CL	1.12	0.70	0.74	12
	00003-00010	1/4 Green	AL/AL	1			N		N		GR	1.12	0.53	0.64	12
	00003-00011	1/4 Bronze	AL/AL	1			N		N		BZ	1.12	0.54	0.45	12
	00003-00012	1/4 Gray	AL/AL	1			N		N		GY	1.12	0.50	0.37	12
	00004-00001	1/8 LoE 366 - Air - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.63	0.25	0.54	16
	00004-00002	1/8 LoE 366 - Air - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.25	0.54	16

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	00005-00001	1/8 LoE 270 - Air - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.63	0.33	0.58	16
	00005-00002	1/8 LoE 270 - Air - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.33	0.58	16
	00006-00001	1/8 LoE 240 - Air - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.63	0.25	0.33	16
	00006-00002	1/8 LoE 240 - Air - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.25	0.33	16
	00007-00001	1/8 LoE 366 - Arg - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.25	0.54	16
	00007-00002	1/8 LoE 366 - Arg - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.25	0.54	16
	00008-00001	1/8 LoE 270 - Arg - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.33	0.58	16
	00008-00002	1/8 LoE 270 - Arg - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.33	0.58	16
	00009-00001	1/8 LoE 240 - Arg - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.58	0.24	0.33	16
	00009-00002	1/8 LoE 240 - Arg - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.58	0.24	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	0.63	0.26	0.53	16
	00010-00002	1/8 Comfort Select 28 - Air - 1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	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	0.63	0.32	0.55	16
	00011-00002	1/8 Comfort Select 36 - Air - 1/8 Clear	AL/AL	2	0.027(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.32	0.55	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	0.63	0.26	0.46	16
	00012-00002	1/8 Clima Guard 55/27 - Air - 1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.26	0.46	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	0.63	0.28	0.52	16
	00013-00002	1/8 Clima Guard 63/31 - Air - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.28	0.52	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	0.63	0.34	0.58	16
	00014-00002	1/8 Clima Guard 70/36 - Air - 1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.34	0.58	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	0.57	0.26	0.53	16
	00015-00002	1/8 Comfort Select 28 - Arg - 1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	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	0.57	0.32	0.55	16
	00016-00002	1/8 Comfort Select 36 - Arg - 1/8 Clear	AL/AL	2	0.027(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.32	0.55	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	0.57	0.25	0.46	16

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	00017-00002	1/8 Clima Guard 55/27 - Arg - 1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.25	0.46	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	0.57	0.28	0.52	16
	00018-00002	1/8 Clima Guard 63/31 - Arg - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.28	0.52	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	0.57	0.34	0.58	16
	00019-00002	1/8 Clima Guard 70/36 - Arg - 1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.34	0.58	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	0.63	0.18	0.32	16
	00020-00002	1/8 LoE 340 - AIR - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	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	0.57	0.17	0.32	16
	00021-00002	1/8 LoE 340 - ARG - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	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	0.63	0.24	0.51	16
	00022-00002	1/8 Clima Guard 62/27 - AIR - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.63	0.24	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	0.57	0.24	0.51	16
	00023-00002	1/8 Clima Guard 62/27 - ARG - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.57	0.24	0.51	16
	00023-00003	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 PVB Grey - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.65	0.21	0.24	16
	00023-00004	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 PVB Grey - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: AIR(100)	N		GY	0.65	0.21	0.24	16
	00023-00005	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 PVB Green - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		GR	0.65	0.22	0.41	16
	00023-00006	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 PVB Green - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: AIR(100)	N		GR	0.65	0.22	0.41	16
	00024-00001	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.23	0.48	16
	00024-00002	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.23	0.48	16
	00024-00003	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB Bronze - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.60	0.21	0.19	16

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	00024-00004	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB Bronze - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.60	0.21	0.19	16
	00024-00005	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB Grey - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.60	0.21	0.25	16
	00024-00006	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB Grey - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		GY	0.60	0.21	0.25	16
	00024-00007	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB Green - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GR	0.60	0.22	0.41	16
	00024-00008	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 PVB Green - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		GR	0.60	0.22	0.41	16

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TFTL	09/10/2021	1200mm x 1500mm	0.614	0.582	12703

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: _____

