

NFRC Product Certification Authorization Report



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

Product Series: 7700 Single Hung
Product Type: VSSH
Air Leakage:

Simulation Lab: SFTL
Sim. Report #: 12802
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: 09/14/2021

Expiration Date: 09/14/2026

CPD Number: LAW-M-25

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 090 PVB - 1/8 Clear	AL/AL	1			N		N		CL	1.10	0.64	0.71	14
	00001-00002	1/8 BR - 090 PVB - 1/8 Clear	AL/AL	1			N		N		BZ	1.10	0.55	0.54	14
	00001-00003	1/8 GY - 090 PVB - 1/8 Clear	AL/AL	1			N		N		GY	1.10	0.54	0.49	14
	00001-00004	1/8 Clear - 090 GY PVB - 1/8 Clear	AL/AL	1			N		N		GY	1.10	0.52	0.36	14
	00001-00005	1/8 Clear - 090 BR PVB - 1/8 Clear	AL/AL	1			N		N		BZ	1.10	0.53	0.42	14
	00001-00006	1/8 Clear - 090 White PVB - 1/8 Clear	AL/AL	1			N		N		OT	1.10	0.40	0.25	14
	00001-00007	1/8 Clear - 090 Green PVB - 1/8 Clear	AL/AL	1			N		N		GR	1.10	0.58	0.60	14
	00002-00001	1/8 LoE366 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.24	0.51	17
	00002-00002	1/8 LoE366 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.24	0.51	17
	00002-00003	1/8 LoE366 - Air - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.66	0.22	0.30	17
	00002-00004	1/8 LoE366 - Air - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: AIR(100)	N		BZ	0.66	0.22	0.30	17
	00002-00005	1/8 LoE366 - Air - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.66	0.22	0.26	17
	00002-00006	1/8 LoE366 - Air - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: AIR(100)	N		GY	0.66	0.22	0.26	17
	00003-00001	1/8 LoE270 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.32	0.55	17
	00003-00002	1/8 LoE270 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.32	0.55	17
	00004-00001	1/8 LoE240 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.23	0.31	17
	00004-00002	1/8 LoE240 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.23	0.31	17
	00005-00001	1/8 LoE 366 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.24	0.51	17
	00005-00002	1/8 LoE 366 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.24	0.51	17

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CPD Number: LAW-M-25															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.	
	00005-00003	1/8 LoE366 - Arg - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.60	0.23	0.30	17	
	00005-00004	1/8 LoE366 - Arg - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.60	0.23	0.30	17	
	00005-00005	1/8 LoE366 - Arg - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.60	0.22	0.26	17	
	00005-00006	1/8 LoE366 - Arg - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		GY	0.60	0.22	0.26	17	
	00006-00001	1/8 LoE 270 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.31	0.55	17	
	00006-00002	1/8 LoE 270 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.31	0.55	17	
	00007-00001	1/8 LoE 240 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.23	0.31	17	
	00007-00002	1/8 LoE 240 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.23	0.31	17	
	00008-00001	1/8 comfort Select 28 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.25	0.50	17	
	00008-00002	1/8 comfort Select 28 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.25	0.50	17	
	00009-00001	1/8 comfort Select 36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.31	0.52	17	
	00009-00002	1/8 comfort Select 36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.31	0.52	17	
	00010-00001	1/8 Clima Guard 55/27 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.25	0.44	17	
	00010-00002	1/8 Clima Guard 55/27 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.25	0.44	17	
	00011-00001	1/8 Clima Guard 63/31 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.27	0.49	17	
	00011-00002	1/8 Clima Guard 63/31 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.27	0.49	17	
	00012-00001	1/8 Comfort Select 28 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.25	0.50	17	

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	00012-00002	1/8 Comfort Select 28 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.25	0.50	17
	00013-00001	1/8 Comfort Select 36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.31	0.52	17
	00013-00002	1/8 Comfort Select 36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.31	0.52	17
	00014-00001	1/8 Clima Guard 55/27 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.24	0.44	17
	00014-00002	1/8 Clima Guard 55/27 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.24	0.44	17
	00015-00001	1/8 Clima Guard 63/31 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.27	0.49	17
	00015-00002	1/8 Clima Guard 63/31 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.27	0.49	17
	00016-00001	1/8 Clima Guard 70/36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.33	0.55	17
	00016-00002	1/8 Clima Guard 70/36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.33	0.55	17
	00017-00001	1/8 Clima Guard 70/36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.32	0.55	17
	00017-00002	1/8 Clima Guard 70/36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.61	0.32	0.55	17
	00018-00001	1/8 Clear-090 PVB-1/8 i89	AL/AL	1	0.149(2)		N		N		CL	0.81	0.58	0.70	9
	00019-00001	1/8 LoE366 - 090 PVB - 1/8 Clear	AL/AL	1			N		N		CL	1.08	0.29	0.49	14
	00019-00002	1/8 LoE366-030 grey-030 clear-030 grey-1/8 clear	AL/AL	1			N		N		GY	1.08	0.23	0.25	14
	00019-00003	3/16 LoE366-030 grey-030 clear-030 grey-3/16 clear	AL/AL	1			N		N		GY	1.08	0.24	0.24	14
	00020-00001	1/8 LoE340 - 090 PVB - 1/8 Clear	AL/AL	1			N		N		CL	1.08	0.25	0.30	14
	00021-00001	1/8 LoE340 - Air - 1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.18	0.30	17
	00021-00002	1/8 LoE340 - Air - 1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.18	0.30	17

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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.	
	00021-00003	1/8 LoE340 - Air - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.66	0.16	0.18	17	
	00021-00004	1/8 LoE340 - Air - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: AIR(100)	N		BZ	0.66	0.16	0.18	17	
	00021-00005	1/8 LoE340 - Air - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.66	0.16	0.16	17	
	00021-00006	1/8 LoE340 - Air - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: AIR(100)	N		GY	0.66	0.16	0.16	17	
	00022-00001	1/8 LoE340 - Arg - 1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.17	0.30	17	
	00022-00002	1/8 LoE340 - Arg - 1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.60	0.17	0.30	17	
	00022-00003	1/8 LoE340 - Arg - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.60	0.16	0.18	17	
	00022-00004	1/8 LoE340 - Arg - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.60	0.16	0.18	17	
	00022-00005	1/8 LoE340 - Arg - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	A8-S	Fill 1: ARG/AIR(90/10)	N		GY	0.60	0.16	0.16	17	
	00022-00006	1/8 LoE340 - Arg - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: ARG/AIR(90/10)	N		GY	0.60	0.16	0.16	17	
	00023-00001	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.66	0.23	0.48	17	
	00023-00002	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.66	0.23	0.48	17	
	00023-00003	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.66	0.22	0.28	17	
	00023-00004	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: AIR(100)	N		BZ	0.66	0.22	0.28	17	
	00023-00005	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		GY	0.66	0.21	0.24	17	
	00023-00006	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: AIR(100)	N		GY	0.66	0.21	0.24	17	
	00023-00007	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 Green PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	A8-S	Fill 1: AIR(100)	N		GR	0.66	0.22	0.41	17	

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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.
	00023-00008	1/8 Clima Guard 62/27 - Air - 1/8 Clear - 090 Green PVB - 1/8 Clear	AL/AL	2	0.03(2)	0.250	P1-S	Fill 1: AIR(100)	N		GR	0.66	0.22	0.41	17
	00024-00001	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090PVB - 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	17
	00024-00002	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090PVB - 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	17
	00024-00003	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 Bronze PVB - 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	0.28	17
	00024-00004	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 Bronze PVB - 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	0.28	17
	00024-00005	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 Gray PVB - 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	0.24	17
	00024-00006	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 Gray PVB - 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	0.24	17
	00024-00007	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 Green PVB - 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	17
	00024-00008	1/8 Clima Guard 62/27 - Arg - 1/8 Clear - 090 Green PVB - 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	17

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TFTL	09/14/2021	1200mm x 1500mm	0.669	0.630	12701

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: _____

