

NFRC Product Certification Authorization Report



Manufacturer: Lawson Industries **Product Series:** 8500/8600 Horizontal Rolling Window **Simulation Lab:** SFTL **Initial Cert. Date:** 08/05/2022
Street: 8501 NW 90th Street **Product Type:** HSOX **Sim. Report #:** 12799 **Re-Certification Date:**
City/State/Zip: Medley, FL 33166 **Air Leakage:** **Sim. Report Date:** 09/10/2021 **Revised Date:** 01/01/1970
Print Date: 08/05/2022 **Test Date:** 09/11/2021 **Expiration Date:** 09/11/2026

CPD Number: LAW-M-29															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 Gray - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GY	0.75	0.50	0.45	20
	00001-00002	1/8 Gray - Air - 1/8 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		GY	0.75	0.50	0.45	20
	00001-00003	1/8 Clear - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		CL	0.75	0.63	0.65	20
	00001-00004	1/8 Clear - Air - 1/8 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		CL	0.75	0.63	0.65	20
	00001-00005	1/8 Green - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		GR	0.75	0.50	0.60	20
	00001-00006	1/8 Green - Air - 1/8 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		GR	0.75	0.50	0.60	20
	00001-00007	1/8 Bronze - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR(100)	N		BZ	0.75	0.52	0.49	20
	00001-00008	1/8 Bronze - Air - 1/8 Clear	AL/AL	2		0.250	P2-S	Fill 1: AIR(100)	N		BZ	0.75	0.52	0.49	20
	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	0.68	0.55	0.60	20
	00002-00002	1/8 E2 - Air - 1/8 Clear	AL/AL	2	0.204(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.68	0.55	0.60	20
	00003-00001	1/8 Clear	AL/AL	1			N		N		CL	1.13	0.71	0.72	12
	00003-00002	1/8 Green	AL/AL	1			N		N		GR	1.13	0.58	0.66	12
	00003-00003	1/8 Bronze	AL/AL	1			N		N		BZ	1.13	0.59	0.54	12
	00003-00004	1/8 Gray	AL/AL	1			N		N		GR	1.13	0.58	0.49	12
	00003-00005	3/16 Clear	AL/AL	1			N		N		CL	1.13	0.69	0.71	12
	00003-00006	3/16 Green	AL/AL	1			N		N		GR	1.13	0.53	0.63	12
	00003-00007	3/16 Bronze	AL/AL	1			N		N		BZ	1.13	0.54	0.46	12
	00003-00008	3/16 Gray	AL/AL	1			N		N		GY	1.13	0.52	0.40	12
	00003-00009	1/4 Clear	AL/AL	1			N		N		CL	1.13	0.68	0.71	12
	00003-00010	1/4 Green	AL/AL	1			N		N		GR	1.13	0.51	0.61	12
	00003-00011	1/4 Bronze	AL/AL	1			N		N		BZ	1.13	0.51	0.43	12
	00003-00012	1/4 Gray	AL/AL	1			N		N		GY	1.13	0.49	0.36	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	0.64	0.25	0.51	20
	00004-00002	1/8 LoE 366 - Air - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.64	0.25	0.51	20

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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.
	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	0.64	0.32	0.56	20
	00005-00002	1/8 LoE 270 - Air - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.64	0.32	0.56	20
	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	0.65	0.24	0.32	20
	00006-00002	1/8 LoE 240 - Air - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.65	0.24	0.32	20
	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	0.58	0.24	0.51	21
	00007-00002	1/8 LoE 366 - Arg - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.58	0.24	0.51	21
	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	0.59	0.32	0.56	20
	00008-00002	1/8 LoE 270 - Arg - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.59	0.32	0.56	20
	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	0.59	0.23	0.32	20
	00009-00002	1/8 LoE 240 - Arg - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P2-S	Fill 1: ARG/AIR(90/10)	N		CL	0.59	0.23	0.32	20
	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	0.64	0.25	0.50	20
	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	0.64	0.25	0.50	20
	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	0.64	0.31	0.53	20
	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	0.64	0.31	0.53	20
	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	0.64	0.25	0.44	20
	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	0.64	0.25	0.44	20
	00013-00001	1/8 Clima Guard 63/36 - Air - 1/8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: AIR(100)	N		CL	0.64	0.27	0.50	20
	00013-00002	1/8 Clima Guard 63/36 - Air - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P2-S	Fill 1: AIR(100)	N		CL	0.64	0.27	0.50	20
	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	0.64	0.34	0.56	20
	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	0.64	0.34	0.56	20
	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	0.58	0.28	0.50	21
	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	0.58	0.28	0.50	21
	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	0.58	0.31	0.53	21
	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	0.58	0.31	0.53	21

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	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	0.58	0.25	0.44	20
	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	0.58	0.25	0.44	20
	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	0.59	0.27	0.50	20
	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	0.59	0.27	0.50	20
	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	0.59	0.33	0.56	20
	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	0.59	0.33	0.56	20
	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	0.64	0.18	0.31	20
	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	0.64	0.18	0.31	20
	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	0.58	0.17	0.31	20
	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	0.58	0.17	0.31	20
	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	0.64	0.25	0.49	20
	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	0.64	0.25	0.49	20
	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	0.58	0.25	0.49	20
	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	0.58	0.25	0.49	20

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TFTL	09/11/2021	1500mm x 1200mm	0.614	0.588	12702

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: _____

