

# NFRC Product Certification Authorization Report



**Manufacturer:** Lawson Industries      **Product Series:** 8500/8600 Horizontal Sliding      **Simulation Lab:** SFTL      **Initial Cert. Date:** 05/16/2007  
**Street:** 8501 NW 90th Street      **Product Type:** HSOX      **Sim. Report #:** 9053-1      **Re-Certification Date:** 08/26/2016  
**City/State/Zip:** Medley, FL 33166      **Air Leakage:**      **Sim. Report Date:** 07/20/2016      **Revised Date:** 12/07/2017  
**Print Date:** 08/09/2018      **VR (Standard Screen):**      **Test Date:** 07/21/2016      **Expiration Date:** 07/21/2021  
**VR (Enhanced Screen):**

CPD Number: LAW-A-2															IA: American Architectural Manufacturers Association
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.
	00035-00001	1/8 Gray - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR (100)	N		GY	0.74	0.50	0.45	20
	00035-00002	1/8 Clear - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR (100)	N		CL	0.74	0.63	0.65	20
	00035-00003	1/8 Green - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR (100)	N		GR	0.74	0.50	0.60	20
	00035-00004	1/8 Bronze - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR (100)	N		BZ	0.74	0.51	0.49	20
	00036-00001	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
	00037-00001	1/8 Clear	AL/AL	1			N		N		CL	1.12	0.71	0.72	12
	00037-00002	1/8 Green	AL/AL	1			N		N		GR	1.12	0.58	0.66	12
	00037-00003	1/8 Bronze	AL/AL	1			N		N		BZ	1.12	0.59	0.54	12
	00037-00004	1/8 Gray	AL/AL	1			N		N		GR	1.12	0.58	0.49	12
	00037-00005	3/16 Clear	AL/AL	1			N		N		CL	1.12	0.69	0.71	12
	00037-00006	3/16 Green	AL/AL	1			N		N		GR	1.12	0.53	0.63	12
	00037-00007	3/16 Bronze	AL/AL	1			N		N		BZ	1.12	0.54	0.46	12
	00037-00008	3/16 Gray	AL/AL	1			N		N		GY	1.12	0.52	0.40	12
	00037-00009	1/4 Clear	AL/AL	1			N		N		CL	1.12	0.67	0.71	12
	00037-00010	1/4 Green	AL/AL	1			N		N		GR	1.12	0.51	0.61	12
	00037-00011	1/4 Bronze	AL/AL	1			N		N		BZ	1.12	0.51	0.43	12
	00037-00012	1/4 Gray	AL/AL	1			N		N		GY	1.12	0.49	0.36	12
	00038-00001	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	0.51	20
	00039-00001	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
	00040-00001	1/8 LoE 240 - Air - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.64	0.24	0.32	20
	00041-00001	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
	00042-00001	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	0.58	0.32	0.56	21
	00043-00001	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	21

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CPD Number: LAW-A-2

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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.
	00044-00001	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	0.25	0.50	20
	00045-00001	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	0.31	0.53	20
	00046-00001	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
	00047-00001	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
	00048-00001	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	0.30	0.51	20
	00049-00001	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
	00050-00001	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
	00051-00001	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	21
	00052-00001	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	0.58	0.27	0.50	21
	00053-00001	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	0.58	0.29	0.51	21
	00054-00001	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	0.31	20
	00054-00002	1/8 LoE 340 - Air - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.59	0.18	0.31	20
	00055-00001	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
	00055-00002	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	0.58	0.17	0.31	20
	00056-00001	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	0.58	0.25	0.49	20
	00056-00002	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	0.58	0.25	0.49	20
	00057-00001	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
	00057-00002	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	0.58	0.25	0.49	20
	00058-00001	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
	00058-00002	1/8 LoE 340 - Air - 1/8 Clear	AL/AL	2	0.028(2)	0.250	P1-S	Fill 1: AIR(100)	N		CL	0.64	0.18	0.31	20
	00059-00001	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
	00059-00002	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	0.58	0.17	0.31	20
	00060-00001	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
	00060-00002	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	0.64	0.25	0.49	20

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	00061-00001	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
	00061-00002	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	0.58	0.25	0.49	20

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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>07/21/2016</b>	1500 mm x 1200 mm	0.638	0.609	9011

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