

# NFRC Product Certification Authorization Report



**Manufacturer:** Lawson Industries      **Product Series:** 7500/7600 Aluminum Single Hung      **Simulation Lab:** SFTL      **Initial Cert. Date:** 05/16/2007  
**Street:** 8501 NW 90th Street      **Product Type:** VSSH      **Sim. Report #:** 9055-2      **Re-Certification Date:** 08/26/2016  
**City/State/Zip:** Medley, FL 33166      **Air Leakage:**      **Sim. Report Date:** 07/21/2016      **Revised Date:** 12/11/2017  
**Print Date:** 08/09/2018      **VR (Standard Screen):**      **Test Date:** 07/20/2016      **Expiration Date:** 07/20/2021  
**VR (Enhanced Screen):**

CPD Number: LAW-A-1															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 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														
	00035-00002	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														
	00035-00003	1/8 Green - Air - 1/8 Clear	AL/AL	2		0.250	A8-S	Fill 1: AIR (100)	N		GR	0.74	0.52	0.63	15														
	00035-00004	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														
	00035-00005	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														
	00035-00006	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														
	00035-00007	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														
	00035-00008	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														
	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	0.66	0.56	0.63	16														
	00036-00002	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														
	00037-00001	1/8 Clear	AL/AL	1			N		N		CL	1.12	0.74	0.75	12														
	00037-00002	1/8 Green	AL/AL	1			N		N		GR	1.12	0.60	0.69	12														
	00037-00003	1/8 Bronze	AL/AL	1			N		N		BZ	1.12	0.62	0.56	12														
	00037-00004	1/8 Gray	AL/AL	1			N		N		GY	1.12	0.60	0.51	12														
	00037-00005	3/16 Clear	AL/AL	1			N		N		CL	1.12	0.72	0.74	12														
	00037-00006	3/16 Green	AL/AL	1			N		N		GR	1.12	0.55	0.66	12														
	00037-00007	3/16 Bronze	AL/AL	1			N		N		BZ	1.12	0.56	0.48	12														
	00037-00008	3/16 Gray	AL/AL	1			N		N		GY	1.12	0.54	0.42	12														
	00037-00009	1/4 Clear	AL/AL	1			N		N		CL	1.12	0.70	0.74	12														
	00037-00010	1/4 Green	AL/AL	1			N		N		GR	1.12	0.53	0.64	12														
	00037-00011	1/4 Bronze	AL/AL	1			N		N		BZ	1.12	0.53	0.45	12														
	00037-00012	1/4 Gray	AL/AL	1			N		N		GY	1.12	0.50	0.37	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	0.26	0.54	16														

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CPD Number: LAW-A-1

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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.
	00038-00002	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	0.26	0.54	16
	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	0.63	0.33	0.58	16
	00039-00002	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
	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	0.63	0.25	0.33	16
	00040-00002	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
	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	0.57	0.25	0.54	16
	00041-00002	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
	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	0.57	0.33	0.58	16
	00042-00002	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
	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	0.58	0.24	0.33	16
	00043-00002	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
	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	0.26	0.53	16
	00044-00002	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
	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	0.32	0.55	16
	00045-00002	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
	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	0.63	0.26	0.46	16
	00046-00002	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
	00047-00001	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
	00047-00002	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
	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	0.63	0.31	0.53	16
	00048-00002	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	0.31	0.53	16
	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	0.57	0.26	0.53	16
	00049-00002	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
	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	0.57	0.32	0.55	16

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	00050-00002	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
	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	0.57	0.25	0.46	16
	00051-00002	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
	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	0.57	0.28	0.52	16
	00052-00002	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
	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	0.57	0.30	0.53	16
	00053-00002	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	0.30	0.53	16
	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	0.63	0.18	0.32	16
	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	0.63	0.18	0.32	16
	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	0.57	0.17	0.32	16
	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	0.57	0.17	0.32	16
	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	0.63	0.26	0.52	16
	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	0.63	0.26	0.52	16
	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	0.57	0.25	0.52	16
	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	0.57	0.25	0.52	16

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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>07/20/2016</b>	1200 mm x 1500 mm	0.619	0.587	9010

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