

# NFRC Product Certification Authorization Report



**Manufacturer:** Lawson Industries  
**Street:** 8501 NW 90th Street  
**City/State/Zip:** Medley, FL 33166  
**Print Date:** 09/01/2016

**Product Series:** 7700/7800 Single Hung  
**Product Type:** VSSH  
**Air Leakage:**

**Simulation Lab:** SFTL  
**Sim. Report #:** 9045-1  
**Sim. Report Date:** 07/04/2016  
**Test Date:** 07/12/2016

**Initial Cert. Date:** 06/20/2007  
**Re-Certification Date:** 08/10/2016  
**Revised Date:** 08/26/2016  
**Expiration Date:** 07/12/2021

CPD Number: LAW-A-8

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.
	00033-00001	1/8 Clear 090 PVB - 1/8 Clear	AL/AL	1			N		N		CL	1.10	0.64	0.71	14
	00033-00002	1/8 BZ - 090 PVB - 1/8 Clear	AL/AL	1			N		N		BZ	1.10	0.55	0.54	14
	00033-00003	1/8 GY - 090 PVB - 1/8 Clear	AL/AL	1			N		N		GY	1.10	0.54	0.49	14
	00033-00004	1/8 Clear - 090 GY PVB - 1/8 Clear	AL/AL	1			N		N		GY	1.10	0.39	0.10	14
	00033-00005	1/8 Clear - 090 BZ PVB - 1/8 Clear	AL/AL	1			N		N		BZ	1.10	0.39	0.10	14
	00033-00006	1/8 Clear - 090 White PVB - 1/8 Clear	AL/AL	1			N		N		OT	1.10	0.40	0.25	14
	00034-00001	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	0.25	0.51	17
	00034-00002	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	0.25	0.51	17
	00035-00001	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
	00035-00002	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
	00036-00001	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
	00036-00002	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
	00037-00001	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
	00037-00002	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
	00038-00001	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
	00038-00002	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
	00039-00001	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
	00039-00002	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
	00040-00001	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

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**Air Leakage:**

**Simulation Lab:** SFTL  
**Sim. Report #:** 9045-1  
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**Test Date:** 07/12/2016

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CPD Number: LAW-A-8

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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.
	00040-00002	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
	00041-00001	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
	00041-00002	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
	00042-00001	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
	00042-00002	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
	00043-00001	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
	00043-00002	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
	00044-00001	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
	00044-00002	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
	00045-00001	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
	00045-00002	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
	00046-00001	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
	00046-00002	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
	00047-00001	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
	00047-00002	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
	00048-00001	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	0.29	0.50	17
	00048-00002	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	0.29	0.50	17

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<b>Street:</b> 8501 NW 90th Street	<b>Product Type:</b> VSSH	<b>Sim. Report #:</b> 9045-1	<b>Re-Certification Date:</b> 08/10/2016
<b>City/State/Zip:</b> Medley, FL 33166	<b>Air Leakage:</b>	<b>Sim. Report Date:</b> 07/04/2016	<b>Revised Date:</b> 08/26/2016
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CPD Number: LAW-A-8 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.
	00049-00001	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	0.29	0.50	17
	00049-00002	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	0.29	0.50	17
	00050-00001	1/8 Clear-090 PVB-1/8 i89	AL/AL	1	0.149(2)		N		N		CL	0.81	0.57	0.07	9

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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>07/12/2016</b>	1200 mm x 1500 mm	0.660	0.620	9013

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