

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22002-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-103

Simulation Orig Report Date: 2/23/2022

Series/Model: 3900-T Hinged Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 2/23/2022

Operator Type: Swinging Door-Single Leaf Entrance Door

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
301	CIG366/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	0.45	43	CL	0.17	0.36	0.15	0.30	0.14	0.26
302	CIG366/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	0.45	43	CL	0.17	0.35	0.15	0.30	0.14	0.25
303	CIG366-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.42	43	CL	0.17	0.35	0.15	0.30	0.13	0.25
304	CIG366-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.42	43	CL	0.17	0.34	0.15	0.29	0.13	0.25
305	CIG272/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	0.45	43	CL	0.25	0.40	0.22	0.34	0.19	0.28
306	CIG272/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	0.45	43	CL	0.25	0.39	0.21	0.33	0.19	0.28
307	CIG272-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.42	43	CL	0.24	0.39	0.21	0.33	0.19	0.28
308	CIG272-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.42	43	CL	0.24	0.38	0.21	0.33	0.18	0.27
309	CIG180/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	0.46	43	CL	0.37	0.44	0.32	0.37	0.28	0.31
310	CIG180/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	0.46	43	CL	0.36	0.43	0.31	0.37	0.27	0.31
311	CIG180-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.42	43	CL	0.36	0.43	0.31	0.36	0.27	0.30
312	CIG180-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.42	43	CL	0.35	0.42	0.30	0.36	0.26	0.30
313	Clear/Air 5mm A1-D	0.197, 0.197	0.621	AIR		A1-D	N,G	0.58	40	CL	0.43	0.45	0.37	0.38	0.32	0.32
314	Clear/Air 6mm A1-D	0.236, 0.236	0.542	AIR		A1-D	N,G	0.58	40	CL	0.42	0.44	0.36	0.38	0.31	0.32
315	SN68/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	0.49	41	CL	0.23	0.38	0.20	0.33	0.18	0.27
	sBZ-SN68/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.039(3)	A1-D	N,G	0.49	41	BZ	0.21	0.25	0.19	0.21	0.16	0.18
316	SN68/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	0.49	42	CL	0.23	0.38	0.20	0.32	0.18	0.27
	sBZ-SN68/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.039(3)	A1-D	N,G	0.49	42	BZ	0.20	0.23	0.17	0.19	0.15	0.16
317	SN68/Arg 5mm A1-D	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	0.47	42	CL	0.23	0.38	0.20	0.33	0.18	0.27
318	SN68/Arg 6mm A1-D	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	0.47	42	CL	0.23	0.38	0.20	0.32	0.18	0.27
319	SNX62/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	0.49	41	CL	0.17	0.35	0.15	0.30	0.13	0.25
320	SNX62/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	0.49	42	CL	0.17	0.34	0.15	0.29	0.13	0.25
321	SNX62/Arg 5mm A1-D	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	0.46	42	CL	0.17	0.35	0.15	0.30	0.13	0.25
322	SNX62/Arg 6mm A1-D	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	0.46	42	CL	0.17	0.34	0.15	0.29	0.13	0.25

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22002-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-103

Simulation Orig Report Date: 2/23/2022

Series/Model: 3900-T Hinged Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 2/23/2022

Operator Type: Swinging Door-Single Leaf Entrance Door

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers ≥ 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
323	SN68/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	0.45	44	CL	0.23	0.38	0.20	0.33	0.18	0.27
324	SN68/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.039(2)	ZF-S	N,G	0.45	44	CL	0.23	0.38	0.20	0.32	0.18	0.27
325	SN68-IS20/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.42	43	CL	0.23	0.37	0.20	0.32	0.17	0.27
326	SN68-IS20/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.42	43	CL	0.22	0.37	0.20	0.31	0.17	0.26
327	SNX62/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	0.45	44	CL	0.17	0.35	0.15	0.30	0.13	0.25
328	SNX62/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.020(2)	ZF-S	N,G	0.44	44	CL	0.17	0.34	0.15	0.29	0.13	0.25
329	SNX62-IS20/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.42	43	CL	0.16	0.34	0.14	0.29	0.13	0.24
330	SNX62-IS20/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.42	43	CL	0.16	0.34	0.14	0.29	0.13	0.24
331	SN68/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.039(2)	TS-D	N,G	0.45	43	CL	0.23	0.38	0.20	0.33	0.18	0.27
332	SN68/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.039(2)	TS-D	N,G	0.45	43	CL	0.23	0.38	0.20	0.32	0.18	0.27
333	SN68-IS20/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.43	43	CL	0.23	0.37	0.20	0.32	0.17	0.27
334	SN68-IS20/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.42	43	CL	0.22	0.37	0.20	0.31	0.17	0.26
335	SNX62/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.020(2)	TS-D	N,G	0.45	43	CL	0.17	0.35	0.15	0.30	0.13	0.25
336	SNX62/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.020(2)	TS-D	N,G	0.45	43	CL	0.17	0.34	0.15	0.29	0.13	0.25
337	SNX62-IS20/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.42	43	CL	0.16	0.34	0.14	0.29	0.13	0.24
338	SNX62-IS20/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.42	43	CL	0.16	0.34	0.15	0.29	0.13	0.24
339	CIG272-Clr-CIG180/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(5)	SS-D	N,G	0.38	45	CL	0.23	0.35	0.20	0.29	0.17	0.25
340	CIG272-Clr-CIG180/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	N	0.39	45	CL	0.22	0.34				
341	CIG272-Clr-CIG180/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	0.40	45	CL			0.19	0.29		
342	CIG272-Clr-CIG180/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	0.40	45	CL					0.17	0.24
343	CIG272-CIG180-i89/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N,G	0.37	44	CL	0.22	0.34	0.19	0.29	0.17	0.24
344	CIG272-CIG180-i89/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N	0.38	44	CL	0.21	0.33				
345	CIG272-CIG180-i89/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	0.38	44	CL			0.19	0.28		
346	CIG272-CIG180-i89/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	0.38	44	CL					0.16	0.24

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

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Simulation Report # FLE22002-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-103

Simulation Orig Report Date: 2/23/2022

Series/Model: 3900-T Hinged Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 2/23/2022

Operator Type: Swinging Door-Single Leaf Entrance Door

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
347	CIG180-Clr-CIG180/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(5)	SS-D	N,G	0.39	45	CL	0.32	0.38	0.28	0.33	0.24	0.27
348	CIG180-Clr-CIG180/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	N	0.39	45	CL	0.31	0.37				
349	CIG180-Clr-CIG180/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	0.40	45	CL			0.27	0.32		
350	CIG180-Clr-CIG180/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	0.40	45	CL					0.24	0.27
351	CIG180-CIG180-i89/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N,G	0.37	44	CL	0.31	0.37	0.27	0.32	0.23	0.27
352	CIG180-CIG180-i89/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N	0.38	44	CL	0.30	0.37				
353	CIG180-CIG180-i89/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	G	0.38	44	CL			0.26	0.31		
354	CIG180-CIG180-i89/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	G	0.38	44	CL					0.22	0.26
355	SN68-Clr-SN68/Air 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	AIR	0.039(2) 0.039(5)	A1-D	N,G	0.41	43	CL	0.20	0.29	0.18	0.25	0.16	0.21
356	SN68-Clr-SN68/Air 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.039(2) 0.039(5)	A1-D	N	0.43	43	CL	0.20	0.29				
357	SN68-Clr-SN68/Air 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.039(2) 0.039(5)	A1-D	G	0.44	43	CL			0.18	0.25		
358	SN68-Clr-SN68/Air 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.039(2) 0.039(5)	A1-D	G	0.44	43	CL					0.16	0.21
359	SN68-Clr-SN68/Arg 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	ARG	0.039(2) 0.039(5)	A1-D	N,G	0.40	43	CL	0.20	0.29	0.18	0.25	0.16	0.21
360	SN68-Clr-SN68/Arg 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.039(2) 0.039(5)	A1-D	N	0.41	43	CL	0.20	0.29				
361	SN68-Clr-SN68/Arg 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.039(2) 0.039(5)	A1-D	G	0.41	43	CL			0.18	0.25		
362	SN68-Clr-SN68/Arg 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.039(2) 0.039(5)	A1-D	G	0.42	43	CL					0.16	0.21
363	SNX62-Clr-SNX62/Air 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	AIR	0.020(2) 0.020(5)	A1-D	N,G	0.41	43	CL	0.15	0.24	0.13	0.21	0.12	0.17
364	SNX62-Clr-SNX62/Air 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.020(2) 0.020(5)	A1-D	N	0.43	43	CL	0.15	0.24				
365	SNX62-Clr-SNX62/Air 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.020(2) 0.020(5)	A1-D	G	0.44	43	CL			0.13	0.20		
366	SNX62-Clr-SNX62/Air 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.020(2) 0.020(5)	A1-D	G	0.44	43	CL					0.12	0.17
367	SNX62-Clr-SNX62/Arg 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	ARG	0.020(2) 0.020(5)	A1-D	N,G	0.39	43	CL	0.15	0.24	0.13	0.21	0.12	0.17
368	SNX62-Clr-SNX62/Arg 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.020(2) 0.020(5)	A1-D	N	0.40	43	CL	0.15	0.24				
369	SNX62-Clr-SNX62/Arg 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.020(2) 0.020(5)	A1-D	G	0.41	43	CL			0.13	0.20		
370	SNX62-Clr-SNX62/Arg 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.020(2) 0.020(5)	A1-D	G	0.41	43	CL					0.12	0.17

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22002-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-103

Simulation Orig Report Date: 2/23/2022

Series/Model: 3900-T Hinged Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 2/23/2022

Operator Type: Swinging Door-Single Leaf Entrance Door

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
371	SN68-Clr-SN68/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(5)	ZF-S	N,G	0.38	45	CL	0.20	0.29	0.18	0.25	0.16	0.21
372	SN68-Clr-SN68/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	N	0.39	45	CL	0.20	0.29				
373	SN68-Clr-SN68/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	0.40	45	CL			0.18	0.25		
374	SN68-Clr-SN68/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	0.40	45	CL					0.16	0.21
375	SN68-SN68-IS20/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N,G	0.37	44	CL	0.18	0.29	0.16	0.24	0.14	0.20
376	SN68-SN68-IS20/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N	0.38	44	CL	0.18	0.28				
377	SN68-SN68-IS20/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	0.39	44	CL			0.16	0.24		
378	SN68-SN68-IS20/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	0.39	44	CL					0.14	0.20
379	SNX62-Clr-SNX62/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(5)	ZF-S	N,G	0.38	45	CL	0.15	0.24	0.13	0.21	0.12	0.17
380	SNX62-Clr-SNX62/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	N	0.39	45	CL	0.15	0.24				
381	SNX62-Clr-SNX62/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	0.40	45	CL			0.13	0.20		
382	SNX62-Clr-SNX62/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	0.40	45	CL					0.12	0.17
383	SNX62-SNX62-IS20/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N,G	0.37	44	CL	0.13	0.24	0.12	0.20	0.11	0.17
384	SNX62-SNX62-IS20/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N	0.38	44	CL	0.13	0.23				
385	SNX62-SNX62-IS20/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	0.38	44	CL			0.12	0.20		
386	SNX62-SNX62-IS20/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	0.38	44	CL					0.11	0.17
387	SN68-SN68-IS20/Arg 5mm TS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N,G	0.37	44	CL	0.18	0.29	0.16	0.24	0.14	0.20
388	SN68-SN68-IS20/Arg 6mm TS-D N	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N	0.38	44	CL	0.18	0.28				
389	SN68-SN68-IS20/Arg 6mm TS-D Rect	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.38	44	CL			0.16	0.24		
390	SN68-SN68-IS20/Arg 6mm TS-D Cont	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.39	44	CL					0.14	0.20
391	SNX62-SNX62-IS20/Arg 5mm TS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N,G	0.37	44	CL	0.13	0.24	0.12	0.20	0.11	0.17
392	SNX62-SNX62-IS20/Arg 6mm TS-D N	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N	0.38	44	CL	0.13	0.23				
393	SNX62-SNX62-IS20/Arg 6mm TS-D Rect	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.38	44	CL			0.12	0.20		
394	SNX62-SNX62-IS20/Arg 6mm TS-D Cont	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.38	44	CL					0.11	0.17

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

**WESTLab**An NFRC Accredited
Simulation Laboratory**ANSI/NFRC 100/200-2020/NFRC 500-2020
Simulation Report****Manufacturer: Fleetwood Windows & Doors****Contact: Joe Zammit****Address:** 1 Fleetwood Way
Corona, CA 92879**Phone:** 951-279-1070**Model/Series: 3900-T Hinged Door****Operator Type:** Swinging Door-Single Leaf Entrance Door**Frame Type:** Aluminum w/ Thermal Breaks - All Members (AT)**Sash Type:** Aluminum w/ Thermal Breaks - All Members (AT)**RECERTIFICATION
REPORT****WESTLab Report No.:****FLE22002-SS****WESTLab Report Date:****2/23/2022****Revision/Addendum Date:****2/23/2022****NFRC Product Line ID:****FLE-M-103****Report Type:****Recertification****Baseline Product for U-Factor Validation Testing:**

Description: Validation Unit Triple Glazed IG: 5mm Guardian SN68 (e=0.039, sfc#2), 0.399" Air-filled Gap, 5mm Clear, 0.399" Air-Filled gap, 5mm Guardian SN68 (e=0.039, sfc #5) with Allmetal Aluminum Box spacer. The validation unit has an anodized finish. See W7 Option #999 for area weighted calculations.

Simulated U-factor: 0.40**Test Size (mm): 960 x 2090 (37.8in. x 82.3in.)****Physical Test Tolerance: 0.36 to 0.44**

Notes: Manufacturer must have the product described above tested by an accredited physical testing laboratory. Physical test window U-factor results must be within the tolerance range listed above. The baseline product simulated U-factor is within 20% or 0.10 of the lowest simulated U-factor listed in the matrix (as allowed by ANSI/NFRC 100-2020) unless otherwise noted in the "Other Notes and Comments" section.

**Signature of Simulator
In-Responsible-Charge:***Staci Zastrow*

Staci Zastrow, Certified Simulator

Disclaimers/Notes:

The window U-factor, SHGC, VT & CR values presented in this report were determined using the Therm and Window computer programs in full compliance with ANSI/NFRC 100-2020, ANSI/200-2020 and NFRC 500-2020, and from information supplied by the manufacturer. This report does not constitute certification of this product and only relates to the fenestration products simulated. Authorized use of any U-factor, SHGC Visible Transmittance and Condensation Resistance ratings may only be granted by the Certification Program Administrator. WESTLab does not imply or claim that the product simulated in this report will perform as stated in actual use conditions. This report is the property of WESTLab and the client, and must not be reproduced, except in full, without written approval from WESTLab and the client. Ratings values included in this report are for submittal to an NFRC-licensed IA are not meant to be used directly for labeling purposes. Only those values identified on a valid Certification Authorization Report (CAR) by an NFRC accredited Inspection Agency (IA) are to be used for labeling purposes. Rounding of values in this report is per NFRC 601 NFRC unit and measurement policy.

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