NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22009-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: 3000-T Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Product Line ID: FLE-M-75
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 11/7/2022
Simulation Revision Date: 11/7/2022
Report Type: Recertification
Simulation Lab Code: SWWW

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

												No Dividers		Dividers < 1"		Dividers ≥ 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
270	Clear/Air 5mm A1	0.197, 0.197	0.621	AIR		A1-D	N,G	**0.58**	**31**	CL	**0.61**	0.64	**0.54**	0.56	**0.47**	0.49
271	Clear/Air 6mm A1	0.236, 0.236	0.542	AIR		A1-D	N,G	**0.58**	**32**	CL	**0.60**	0.64	**0.53**	0.56	**0.46**	0.48
272	SN68/Air 5mm A1	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	**0.45**	**32**	CL	**0.31**	0.54	**0.27**	0.48	**0.24**	0.41
	sBZ-SN68/Air 5mm A1	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	**0.45**	**32**	BZ	**0.28**	0.35	**0.25**	0.31	**0.22**	0.27
273	SN68/Air 6mm A1	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	**0.45**	**32**	CL	**0.31**	0.54	**0.27**	0.47	**0.24**	0.41
	sBZ-SN68/Air 6mm A1	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	**0.45**	**32**	BZ	**0.26**	0.32	**0.23**	0.28	**0.20**	0.24
274	SN68/Arg 5mm A1	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	**0.42**	**32**	CL	**0.31**	0.54	**0.27**	0.48	**0.24**	0.41
275	SN68/Arg 6mm A1	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	**0.42**	**33**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
276	SNX62/Air 5mm A1	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	**0.45**	**32**	CL	**0.22**	0.49	**0.20**	0.43	**0.17**	0.37
277	SNX62/Air 6mm A1	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	**0.44**	**32**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	0.37
278	SNX62/Arg 5mm A1	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	**0.41**	**32**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
279	SNX62/Arg 6mm A1	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	**0.41**	**33**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
280	SN68/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	**0.41**	**35**	CL	**0.31**	0.54	**0.27**	0.48	**0.24**	0.41
281	SN68/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	**0.40**	**35**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
282	SNX62/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	**0.40**	**35**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
283	SNX62/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	**0.40**	**35**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
284	SN68-IS20/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.37**	**34**	CL	**0.30**	0.53	**0.26**	0.46	**0.23**	0.40
285	SN68-IS20/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.36**	**34**	CL	**0.29**	0.52	**0.26**	0.46	**0.23**	0.40
286	SNX62-IS20/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.36**	**34**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.36
287	SNX62-IS20/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.36**	**34**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
288	CIG272/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	**0.41**	**35**	CL	**0.33**	0.56	**0.29**	0.49	**0.26**	0.43
289	CIG272/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	**0.40**	**36**	CL	**0.33**	0.55	**0.29**	0.48	**0.26**	0.42
290	CIG366/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	**0.40**	**35**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.38
291	CIG366/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	**0.39**	**36**	CL	**0.22**	0.50	**0.20**	0.44	**0.18**	0.38

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

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22009-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: 3000-T Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Product Line ID: FLE-M-75
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 11/7/2022
Simulation Revision Date: 11/7/2022
Report Type: Recertification
Simulation Lab Code: SWWW

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

												No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
292	CIG180/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	0.41	35	CL	0.50	0.62	0.44	0.54	0.39	0.47
293	CIG180/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	0.41	35	CL	0.49	0.61	0.43	0.53	0.38	0.46
294	CIG272-i89/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.36	35	CL	0.32	0.55	0.29	0.48	0.25	0.42
295	CIG272-i89/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.36	35	CL	0.32	0.54	0.28	0.47	0.25	0.41
296	CIG366-i89/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.36	35	CL	0.22	0.49	0.20	0.43	0.17	0.37
297	CIG366-i89/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.35	35	CL	0.22	0.49	0.20	0.43	0.17	0.37
298	CIG180-i89/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.37	34	CL	0.48	0.60	0.43	0.53	0.38	0.46
299	CIG180-i89/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.36	35	CL	0.47	0.59	0.41	0.52	0.36	0.45
300	SN68/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	0.40	36	CL	0.31	0.54	0.27	0.48	0.24	0.41
301	SN68/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.039(2)	ZF-S	N,G	0.40	36	CL	0.30	0.54	0.27	0.47	0.24	0.41
302	SNX62/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	0.40	36	CL	0.21	0.49	0.19	0.43	0.17	0.37
303	SNX62/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	0.39	36	CL	0.22	0.49	0.19	0.43	0.17	0.37
304	SN68-IS20/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.36	35	CL	0.30	0.53	0.26	0.46	0.23	0.40
305	SN68-IS20/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.36	35	CL	0.30	0.52	0.26	0.46	0.23	0.40
306	SNX62-IS20/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.36	35	CL	0.21	0.48	0.19	0.42	0.17	0.36
307	SNX62-IS20/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.36	35	CL	0.21	0.47	0.19	0.41	0.17	0.36
308	Clear/Air 5mm A1 3A JB	0.197, 0.197	0.621	AIR		A1-D	N,G	0.60	26	CL	0.61	0.64	0.54	0.56	0.47	0.49
309	Clear/Air 6mm A1 3A JB	0.236, 0.236	0.542	AIR		A1-D	N,G	0.60	26	CL	0.60	0.64	0.53	0.56	0.46	0.48
310	SN68/Air 5mm A1 3A JB	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	0.47	26	CL	0.31	0.54	0.27	0.48	0.24	0.41
	sBZ-SN68/Air 5mm A1 3A JB	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	0.47	26	BZ	0.28	0.35	0.25	0.31	0.22	0.27
311	SN68/Air 6mm A1 3A JB	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	0.47	26	CL	0.31	0.54	0.27	0.47	0.24	0.41
	sBZ-SN68/Air 6mm A1 3A JB	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	0.47	26	BZ	0.26	0.32	0.23	0.28	0.20	0.24
312	SN68/Arg 5mm A1 3A JB	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	0.44	26	CL	0.31	0.54	0.27	0.48	0.24	0.41
313	SN68/Arg 6mm A1 3A JB	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	0.44	27	CL	0.30	0.54	0.27	0.47	0.24	0.41

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

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22009-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: 3000-T Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Product Line ID: FLE-M-75
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 11/7/2022
Simulation Revision Date: 11/7/2022
Report Type: Recertification
Simulation Lab Code: SWWW

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

												No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
314	SNX62/Air 5mm A1 3A JB	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	**0.47**	**26**	CL	**0.22**	0.49	**0.20**	0.43	**0.17**	0.37
315	SNX62/Air 6mm A1 3A JB	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	**0.47**	**26**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	0.37
316	SNX62/Arg 5mm A1 3A JB	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	**0.44**	**26**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
317	SNX62/Arg 6mm A1 3A JB	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	**0.43**	**27**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
318	SN68/Arg 5mm TS 3A JB	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	**0.43**	**28**	CL	**0.31**	0.54	**0.27**	0.48	**0.24**	0.41
319	SN68/Arg 6mm TS 3A JB	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	**0.43**	**28**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
320	SNX62/Arg 5mm TS 3A JB	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	**0.42**	**28**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
321	SNX62/Arg 6mm TS 3A JB	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	**0.42**	**28**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
322	SN68-IS20/Arg 5mm TS 3A JB	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.39**	**27**	CL	**0.30**	0.53	**0.26**	0.46	**0.23**	0.40
323	SN68-IS20/Arg 6mm TS 3A JB	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.39**	**27**	CL	**0.29**	0.52	**0.26**	0.46	**0.23**	0.40
324	SNX62-IS20/Arg 5mm TS 3A JB	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.38**	**27**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.36
325	SNX62-IS20/Arg 6mm TS 3A JB	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.38**	**27**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
326	CIG272/Arg 5mm SS 3A JB	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	**0.43**	**28**	CL	**0.33**	0.56	**0.29**	0.49	**0.26**	0.43
327	CIG272/Arg 6mm SS 3A JB	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	**0.42**	**28**	CL	**0.33**	0.55	**0.29**	0.48	**0.26**	0.42
328	CIG366/Arg 5mm SS 3A JB	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	**0.42**	**28**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.38
329	CIG366/Arg 6mm SS 3A JB	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	**0.42**	**28**	CL	**0.22**	0.50	**0.20**	0.44	**0.18**	0.38
330	CIG180/Arg 5mm SS 3A JB	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	**0.44**	**28**	CL	**0.50**	0.62	**0.44**	0.54	**0.39**	0.47
331	CIG180/Arg 6mm SS 3A JB	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	**0.43**	**28**	CL	**0.49**	0.61	**0.43**	0.53	**0.38**	0.46
332	CIG272-i89/Arg 5mm SS 3A JB	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.38**	**27**	CL	**0.32**	0.55	**0.29**	0.48	**0.25**	0.42
333	CIG272-i89/Arg 6mm SS 3A JB	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.38**	**27**	CL	**0.32**	0.54	**0.28**	0.47	**0.25**	0.41
334	CIG366-i89/Arg 5mm SS 3A JB	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.38**	**27**	CL	**0.22**	0.49	**0.20**	0.43	**0.17**	0.37
335	CIG366-i89/Arg 6mm SS 3A JB	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.38**	**28**	CL	**0.22**	0.49	**0.20**	0.43	**0.17**	0.37
336	CIG180-i89/Arg 5mm SS 3A JB	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.39**	**27**	CL	**0.48**	0.60	**0.43**	0.53	**0.38**	0.46
337	CIG180-i89/Arg 6mm SS 3A JB	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.39**	**27**	CL	**0.47**	0.59	**0.41**	0.52	**0.36**	0.45

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

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22009-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: 3000-T Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/Thermal Breaks (AT)
Sash Type: Aluminum w/Thermal Breaks (AT)

Product Line ID: FLE-M-75
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 11/7/2022
Simulation Revision Date: 9/27/2023
Report Type: Simple Addendum
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
346	Clear/Air 5mm Jamb-Narrow	0.197, 0.197	0.621	AIR		A1-D	N,G	**0.59**	**29**	CL	**0.63**	0.67	**0.56**	0.58	**0.49**	0.51
347	Clear/Air 6mm Jamb-Narrow	0.236, 0.236	0.542	AIR		A1-D	N,G	**0.58**	**29**	CL	**0.62**	0.66	**0.55**	0.58	**0.48**	0.50
348	SN68/Air 5mm Jamb-Narrow	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	**0.45**	**30**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.43
	sBZ-SN68/Air 5mm Jamb-Narrow	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	**0.45**	**30**	BZ	**0.28**	0.37	**0.25**	0.32	**0.23**	0.28
349	SN68/Air 6mm Jamb-Narrow	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	**0.45**	**30**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.43
	sBZ-SN68/Air 6mm Jamb-Narrow	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	**0.45**	**30**	BZ	**0.27**	0.33	**0.24**	0.29	**0.21**	0.25
350	SN68/Arg 5mm Jamb-Narrow	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	**0.42**	**30**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
351	SN68/Arg 6mm Jamb-Narrow	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	**0.42**	**30**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
352	SNX62/Air 5mm Jamb-Narrow	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	**0.45**	**30**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
353	SNX62/Air 6mm Jamb-Narrow	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	**0.45**	**30**	CL	**0.23**	0.51	**0.20**	0.44	**0.18**	0.39
354	SNX62/Arg 5mm Jamb-Narrow	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	**0.41**	**30**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
355	SNX62/Arg 6mm Jamb-Narrow	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	**0.41**	**30**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.39
356	SN68/Arg 5mm Jamb-Narrow	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	**0.41**	**32**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.43
357	SN68/Arg 6mm Jamb-Narrow	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	**0.41**	**32**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
358	SNX62/Arg 5mm Jamb-Narrow	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	**0.41**	**32**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
359	SNX62/Arg 6mm Jamb-Narrow	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	**0.40**	**32**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.39
360	SN68-IS20/Arg 5mm Jamb-Narrow	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.37**	**31**	CL	**0.31**	0.55	**0.27**	0.48	**0.24**	0.42
361	SN68-IS20/Arg 6mm Jamb-Narrow	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.37**	**31**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
362	SNX62-IS20/Arg 5mm Jamb-Narrow	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.37**	**31**	CL	**0.22**	0.50	**0.19**	0.43	**0.17**	0.38
363	SNX62-IS20/Arg 6mm Jamb-Narrow	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.36**	**31**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
364	CIG272/Arg 5mm Jamb-Narrow	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	**0.41**	**32**	CL	**0.34**	0.58	**0.30**	0.51	**0.27**	0.44
365	CIG272/Arg 6mm Jamb-Narrow	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	**0.41**	**32**	CL	**0.34**	0.57	**0.30**	0.50	**0.26**	0.44
366	CIG366/Arg 5mm Jamb-Narrow	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	**0.41**	**32**	CL	**0.23**	0.52	**0.21**	0.46	**0.18**	0.40
367	CIG366/Arg 6mm Jamb-Narrow	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	**0.40**	**32**	CL	**0.23**	0.52	**0.21**	0.45	**0.18**	0.39

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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22009-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: 3000-T Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/Thermal Breaks (AT)
Sash Type: Aluminum w/Thermal Breaks (AT)

Product Line ID: FLE-M-75
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 11/7/2022
Simulation Revision Date: 9/27/2023
Report Type: Simple Addendum
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
368	CIG180/Arg 5mm Jamb-Narrow	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	**0.42**	**32**	CL	**0.52**	0.64	**0.46**	0.56	**0.40**	0.49
369	CIG180/Arg 6mm Jamb-Narrow	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	**0.41**	**32**	CL	**0.50**	0.63	**0.45**	0.55	**0.39**	0.48
370	CIG272-i89/Arg 5mm Jamb-Narrow	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.36**	**31**	CL	**0.33**	0.57	**0.30**	0.50	**0.26**	0.43
371	CIG272-i89/Arg 6mm Jamb-Narrow	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.36**	**31**	CL	**0.33**	0.56	**0.29**	0.49	**0.26**	0.43
372	CIG366-i89/Arg 5mm Jamb-Narrow	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.36**	**31**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
373	CIG366-i89/Arg 6mm Jamb-Narrow	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.36**	**31**	CL	**0.22**	0.50	**0.20**	0.44	**0.18**	0.38
374	CIG180-i89/Arg 5mm Jamb-Narrow	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.37**	**31**	CL	**0.50**	0.62	**0.44**	0.55	**0.39**	0.48
375	CIG180-i89/Arg 6mm Jamb-Narrow	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.37**	**31**	CL	**0.48**	0.62	**0.43**	0.54	**0.38**	0.47
376	SN68/Arg 5mm Jamb-Narrow	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	**0.41**	**32**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
377	SN68/Arg 6mm Jamb-Narrow	0.236, 0.236	0.500	ARG	0.039(2)	ZF-S	N,G	**0.40**	**32**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
378	SNX62/Arg 5mm Jamb-Narrow	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	**0.40**	**32**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
379	SNX62/Arg 6mm Jamb-Narrow	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	**0.40**	**32**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.39
380	SN68-IS20/Arg 5mm Jamb-Narrow	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.37**	**31**	CL	**0.31**	0.55	**0.27**	0.48	**0.24**	0.42
381	SN68-IS20/Arg 6mm Jamb-Narrow	0.236, 0.236	0.500	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.36**	**32**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
382	SNX62-IS20/Arg 5mm Jamb-Narrow	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.36**	**32**	CL	**0.22**	0.50	**0.19**	0.43	**0.17**	0.38
383	SNX62-IS20/Arg 6mm Jamb-Narrow	0.236, 0.236	0.500	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.36**	**32**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
384	Clear/Air 5mm Jamb-Narrow-TI	0.197, 0.197	0.621	AIR		A1-D	N,G	**0.60**	**25**	CL	**0.63**	0.67	**0.56**	0.58	**0.49**	0.51
385	Clear/Air 6mm Jamb-Narrow-TI	0.236, 0.236	0.542	AIR		A1-D	N,G	**0.60**	**25**	CL	**0.62**	0.66	**0.55**	0.58	**0.48**	0.50
386	SN68/Air 5mm Jamb-Narrow-TI	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	**0.47**	**25**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.43
	sBZ-SN68/Air 5mm Jamb-Narrow-TI	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	**0.47**	**25**	BZ	**0.28**	0.37	**0.25**	0.32	**0.23**	0.28
387	SN68/Air 6mm Jamb-Narrow-TI	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	**0.47**	**25**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.43
	sBZ-SN68/Air 6mm Jamb-Narrow-TI	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	**0.47**	**25**	BZ	**0.27**	0.33	**0.24**	0.29	**0.21**	0.25
388	SN68/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	**0.43**	**25**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
389	SN68/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	**0.43**	**25**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43

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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22009-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: 3000-T Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/Thermal Breaks (AT)
Sash Type: Aluminum w/Thermal Breaks (AT)

Product Line ID: FLE-M-75
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 11/7/2022
Simulation Revision Date: 9/27/2023
Report Type: Simple Addendum
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
390	SNX62/Air 5mm Jamb-Narrow-TI	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	**0.46**	**25**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
391	SNX62/Air 6mm Jamb-Narrow-TI	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	**0.46**	**25**	CL	**0.23**	0.51	**0.20**	0.44	**0.18**	0.39
392	SNX62/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	**0.43**	**25**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
393	SNX62/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	**0.43**	**25**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.39
394	SN68/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	**0.43**	**26**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.43
395	SN68/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	**0.43**	**26**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
396	SNX62/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	**0.42**	**26**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
397	SNX62/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	**0.42**	**26**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.39
398	SN68-IS20/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.39**	**26**	CL	**0.31**	0.55	**0.27**	0.48	**0.24**	0.42
399	SN68-IS20/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.38**	**26**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
400	SNX62-IS20/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.38**	**26**	CL	**0.22**	0.50	**0.19**	0.43	**0.17**	0.38
401	SNX62-IS20/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.38**	**26**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
402	CIG272/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	**0.43**	**26**	CL	**0.34**	0.58	**0.30**	0.51	**0.27**	0.44
403	CIG272/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	**0.42**	**26**	CL	**0.34**	0.57	**0.30**	0.50	**0.26**	0.44
404	CIG366/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	**0.42**	**26**	CL	**0.23**	0.52	**0.21**	0.46	**0.18**	0.40
405	CIG366/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	**0.42**	**26**	CL	**0.23**	0.52	**0.21**	0.45	**0.18**	0.39
406	CIG180/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	**0.44**	**26**	CL	**0.52**	0.64	**0.46**	0.56	**0.40**	0.49
407	CIG180/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	**0.43**	**26**	CL	**0.50**	0.63	**0.45**	0.55	**0.39**	0.48
408	CIG272-i89/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.38**	**26**	CL	**0.33**	0.57	**0.30**	0.50	**0.26**	0.43
409	CIG272-i89/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.38**	**26**	CL	**0.33**	0.56	**0.29**	0.49	**0.26**	0.43
410	CIG366-i89/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.38**	**26**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
411	CIG366-i89/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.37**	**26**	CL	**0.22**	0.50	**0.20**	0.44	**0.18**	0.38
412	CIG180-i89/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.39**	**26**	CL	**0.50**	0.62	**0.44**	0.55	**0.39**	0.48
413	CIG180-i89/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.38**	**26**	CL	**0.48**	0.62	**0.43**	0.54	**0.38**	0.47

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)

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Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22009-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: 3000-T Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/Thermal Breaks (AT)
Sash Type: Aluminum w/Thermal Breaks (AT)

Product Line ID: FLE-M-75
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 11/7/2022
Simulation Revision Date: 9/27/2023
Report Type: Simple Addendum
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
414	SN68/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	**0.43**	**26**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
415	SN68/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.500	ARG	0.039(2)	ZF-S	N,G	**0.42**	**27**	CL	**0.31**	0.56	**0.28**	0.49	**0.25**	0.43
416	SNX62/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	**0.42**	**26**	CL	**0.22**	0.51	**0.20**	0.45	**0.18**	0.39
417	SNX62/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	**0.42**	**27**	CL	**0.22**	0.51	**0.20**	0.44	**0.18**	0.39
418	SN68-IS20/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.38**	**26**	CL	**0.31**	0.55	**0.27**	0.48	**0.24**	0.42
419	SN68-IS20/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.500	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.38**	**26**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
420	SNX62-IS20/Arg 5mm Jamb-Narrow-TI	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.38**	**26**	CL	**0.22**	0.50	**0.19**	0.43	**0.17**	0.38
421	SNX62-IS20/Arg 6mm Jamb-Narrow-TI	0.236, 0.236	0.500	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.38**	**26**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37

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)

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Initials: SZ

WESTLab
An NFRC Accredited Simulation Laboratory

ANSI/NFRC 100/200-2020/NFRC 500-2020 Simulation Report

Manufacturer: **Fleetwood Windows & Doors**

Contact: **Joe Zammit**

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Phone: 951-279-1070

RECERTIFICATION REPORT

WESTLab Report No.: **FLE22009-SS**

WESTLab Report Date: **11/7/2022**

Revision/Addendum Date: **11/7/2022**

NFRC Product Line ID: **FLE-M-75**

Report Type: **Recertification**

Model/Series: **3000-T Sliding Glass Door**

Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)

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

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

Baseline Product for U-Factor Validation Testing:

Description: **Validation Unit Dual Glazed IG:** 6mm Cardinal LE272 (e=0.035, sfc#2), 0.522" 90% Argon-filled Gap, 6mm Clear with Cardinal Endur spacer and no grids. The validation unit has an anodized finish. See W7 Option #999 for area weighted calculations.

Simulated U-factor: **0.39**

Test Size (mm): 2000 x 2000 **(78.7in. x 78.7in.)**

Physical Test Tolerance: *0.35 to 0.43*

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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