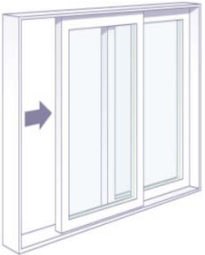
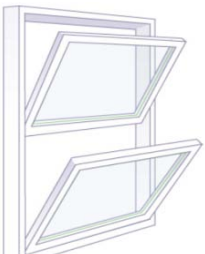






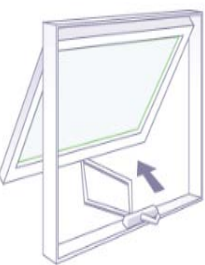
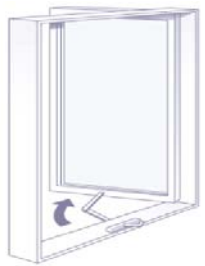
STC Ratings

Rev: 2/21/19 by K.Pim

Operating Style	Series Numbers	Glass 1	Glass 2	STC	EWR	OITC	Test Number
horizontal slider 	9100 91000 (insert)	1/8	1/8	28	29	22	TL11-468
		1/8	3/16	29	31	26	TL11-469
		1/8	1/4	29	31	26	TL11-471
		1/8	LAM	30	32	26	TL11-472
		3/16	3/16	-	-	-	not tested
		3/16	1/4	-	-	-	not tested
		3/16	LAM	-	-	-	not tested
		1/4	1/4	-	-	-	not tested
		1/4	LAM	-	-	-	not tested
		LAM	LAM	-	-	-	not tested
double hung 	9200 92000 (insert)	1/8	1/8	27	28	22	TL11-493
		1/8	3/16	27	29	24	TL11-497
		1/8	1/4	-	-	-	not tested
		1/8	LAM	29	30	25	TL11-494
		3/16	3/16	-	-	-	not tested
		3/16	1/4	27	29	24	TL11-496
		3/16	LAM	25	28	23	TL11-499
		1/4	1/4	-	-	-	not tested
		1/4	LAM	24	26	22	TL11-495
		LAM	LAM	25	27	23	TL11-498
picture window (direct set) 	9300	1/8	1/8	28	28	22	TL11-478
		1/8	3/16	33	32	26	TL11-476
		1/8	1/4	33	32	26	TL11-479
		1/8	LAM	34	34	26	TL11-480
		3/16	3/16	-	-	-	not tested
		3/16	1/4	-	-	-	not tested
		3/16	LAM	-	-	-	not tested
		1/4	1/4	-	-	-	not tested
		1/4	LAM	-	-	-	not tested
		LAM	LAM	-	-	-	not tested
picture window (DH/HV match) 	9310 93100 (insert)	1/8	1/8	29	29	23	TL11-481
		1/8	3/16	33	33	26	TL11-484
		1/8	1/4	34	33	27	TL11-482
		1/8	LAM	-	-	-	not tested
		3/16	3/16	-	-	-	not tested
		3/16	1/4	-	-	-	not tested
		3/16	LAM	-	-	-	not tested
		1/4	1/4	35	36	29	TL11-483
		1/4	LAM	-	-	-	not tested
		LAM	LAM	-	-	-	not tested





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Operating Style	Series Numbers	Glass 1	Glass 2	STC	EWR	OITC	Test Number
picture window (FA/FC match) 	9340 9350 (tall btm rail) 93400 (insert) 93500 (insert) (tall btm rail)	1/8	1/8	28	28	23	TL11-485
		1/8	3/16	32	32	26	TL11-490
		1/8	1/4	34	34	26	TL14-264
		1/8	LAM	34	34	26	TL14-263
		3/16	3/16	33	32	25	TL14-261
		3/16	1/4	34	35	28	TL11-491
		3/16	LAM	-	-	-	not tested
		1/4	1/4	35	35	29	TL14-262
		1/4	LAM	-	-	-	not tested
LAM	LAM	37	37	28	TL14-266		
picture window (opr rad match) 	9345 9355 (tall btm rail)	1/8	1/8	27	28	22	TL16-131
		1/8	3/16	30	31	25	TL16-128
		1/8	1/4	32	32	26	TL16-125
		1/8	LAM	33	33	26	TL16-123
		3/16	3/16	29	30	24	TL16-122
		3/16	1/4	31	32	26	TL16-124
		3/16	LAM	-	-	-	not tested
		1/4	1/4	-	-	-	not tested
		1/4	LAM	31	32	25	TL16-129
LAM	LAM	32	33	27	TL16-130		
awning 	9400 9420 (tall btm rail) 94000 (insert) 94200 (insert) (tall btm rail)	1/8	1/8	30	30	23	TL14-249
		1/8	3/16	34	34	27	TL14-252
		1/8	1/4	35	35	28	TL14-251
		1/8	LAM	37	37	29	TL14-253
		3/16	3/16	33	32	26	TL14-250
		3/16	1/4	35	35	30	TL11-465
		3/16	LAM	35	35	29	TL11-463
		1/4	1/4	35	35	29	TL11-461
		1/4	LAM	35	36	30	TL11-466
LAM	LAM	-	-	-	not tested		
casement 	9500 9520 (tall btm rail) 95000 (insert) 95200 (insert) (tall btm rail)	1/8	1/8	30	30	23	TL14-249
		1/8	3/16	34	34	27	TL14-252
		1/8	1/4	35	35	28	TL14-251
		1/8	LAM	37	37	29	TL14-253
		3/16	3/16	33	32	26	TL14-250
		3/16	1/4	35	35	30	TL11-465
		3/16	LAM	35	35	29	TL11-463
		1/4	1/4	35	35	29	TL11-461
		1/4	LAM	35	36	30	TL11-466
LAM	LAM	-	-	-	not tested		

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Operating Style	Series Numbers	Glass 1	Glass 2	STC	EWR	OITC	Test Number
 <p>casement</p>	<p>9505 9525 (tall btm rail)</p>	1/8	1/8	-	-	-	not tested
		1/8	3/16	25	28	23	TL16-109
		1/8	1/4	32	33	26	TL16-112
		1/8	LAM	32	33	26	TL16-111
		3/16	3/16	-	-	-	not tested
		3/16	1/4	-	-	-	not tested
		3/16	LAM	34	35	28	TL16-115
		1/4	1/4	32	33	26	TL16-110
		1/4	LAM	35	36	28	TL16-114
		LAM	LAM	32	34	27	TL16-108
 <p>sliding door</p>	<p>9626</p>	1/8	1/8	26	28	22	TL16-594
		1/8	3/16	29	30	25	TL16-565
		1/8	1/4	29	30	25	TL16-597
		1/8	LAM	29	31	26	TL16-599
		3/16	3/16	29	30	23	TL17-206
		3/16	1/4	29	31	26	TL17-208
		3/16	LAM	-	-	-	not tested
		1/4	1/4	30	32	26	TL17-207
		1/4	LAM	29	30	25	TL16-600
		LAM	LAM	30	31	27	TL16-596
 <p>picture window (direct transom)</p>	<p>9630</p>	1/8	1/8	29	30	24	TL16-580
		1/8	3/16	32	32	25	TL15-231
		1/8	1/4	33	33	26	TL15-227
		1/8	LAM	33	33	26	TL15-230
		3/16	3/16	30	31	24	TL15-232
		3/16	1/4	33	34	27	TL16-583
		3/16	LAM	35	35	28	TL15-223
		1/4	1/4	30	31	25	TL16-592
		1/4	LAM	33	34	27	TL15-229
		LAM	LAM	33	32	25	H1942.01
 <p>picture window (panel transom)</p>	<p>9628 (sliding) 9644 (inswing 4 9/16") 9664 (inswing 6 9/16") 9647 (outswing)</p>	1/8	1/8	30	31	24	TL16-585
		1/8	3/16	32	33	26	TL16-590
		1/8	1/4	34	33	27	H1943.02
		1/8	LAM	34	33	27	H1943.03
		3/16	3/16	31	29	24	H1943.01
		3/16	1/4	33	35	28	TL16-591
		3/16	LAM	33	35	29	TL16-588
		1/4	1/4	31	33	27	TL16-586
		1/4	LAM	32	34	28	TL16-589
		LAM	LAM	36	36	30	TL16-587

STC Ratings

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Operating Style	Series Numbers	Glass 1	Glass 2	STC	EWR	OITC	Test Number
swing door 	9642 (inswing 4 9/16")	1/8	1/8	29	30	23	TL17-216
		1/8	3/16	31	32	26	TL17-215
	9662 (inswing 6 9/16")	1/8	1/4	32	33	27	TL17-212
		1/8	LAM	32	33	27	TL17-213
	9645 (outswing)	3/16	3/16	30	31	25	TL17-210
		3/16	1/4	31	33	27	TL17-214
		3/16	LAM	32	33	27	TL17-211
		1/4	1/4	31	33	27	TL17-209
		1/4	LAM	32	33	28	TL17-218
		LAM	LAM	33	35	29	TL17-217
picture window 	9700	1/8	1/8	-	-	-	not tested
		1/8	3/16	-	-	-	not tested
		1/8	1/4	-	-	-	not tested
		1/8	LAM	-	-	-	not tested
		3/16	3/16	-	-	-	not tested
		3/16	1/4	-	-	-	not tested
		3/16	LAM	-	-	-	not tested
		1/4	1/4	-	-	-	not tested
		1/4	LAM	-	-	-	not tested
		LAM	LAM	-	-	-	not tested
picture window 	9720 (narrow site lines)	1/8	1/8	-	-	-	not tested
		1/8	3/16	-	-	-	not tested
		1/8	1/4	-	-	-	not tested
		1/8	LAM	-	-	-	not tested
		3/16	3/16	-	-	-	not tested
		3/16	1/4	-	-	-	not tested
		3/16	LAM	-	-	-	not tested
		1/4	1/4	-	-	-	not tested
		1/4	LAM	-	-	-	not tested
		LAM	LAM	-	-	-	not tested
swing door (ada) 	9942 (inswing 4 9/16")	1/8	1/8	-	-	-	not launched
		1/8	3/16	-	-	-	not launched
	9962 (inswing 6 9/16")	1/8	1/4	-	-	-	not launched
		1/8	LAM	-	-	-	not launched
	9945 (outswing)	3/16	3/16	-	-	-	not launched
		3/16	1/4	-	-	-	not launched
		3/16	LAM	-	-	-	not launched
		1/4	1/4	-	-	-	not launched
		1/4	LAM	-	-	-	not launched
		LAM	LAM	-	-	-	not launched