

# Sliding Patio Systems Performance Data

Therma-Tru® Product	Design Pressure Ratings	AAMA/WDMA 101/ I.S.2	Air Infiltration (scfm/ft2)	Water Resistance (psf)	Structural Load (psf)	Florida Building Code Approval Number	
<b>FC/SS Sliding Patio doors</b>							
6068 FR/LF	DP 55	SGD-R55-72x82	0.02	8.25	± 90.0	FL5265.3 FL5265.4	
9068 FFR/LFF	DP 45	SGD-R45-116x82	0.08	8.25	± 67.5		
12068 FRLF	DP 45	SGD-R45-140x82	0.09	6.75	± 75.0		
6080 FR/LF	DP 55	SGD-R55-72x96	0.02	8.25	± 90.0		
9080 FFR/LFF	DP 40	SGD-R40-116x96	0.08	8.25	± 67.5		
12080 FRLF	DP 40	SGD-R40-140x96	0.09	6.75	± 60.0		
<b>Slim-Line™ Sliding Patio doors</b>							
3066 F	DP 50	F-R50-39x80	0.08	7.50	± 75.0	FL5265.1 FL5265.5 FL5265.6	
4066 F	DP 40	F-R40-51x80	0.00	9.00	± 60.0		
3080 F	DP 50	F-R50-39x96	0.12	9.75	± 75.0		
4080 F	DP 30	F-R30-51x96	0.00	9.00	+45 -52.5		
6066 FR/LF	DP 50	SGD-R50-72x80	0.08	7.50	± 75.0		
8066 FR/LF	DP 45	SGD-R45-96x80	0.02	7.50	+67.5 -75		
6080 FR/LF	DP 50	SGD-R50-72x96	0.12	9.75	± 75.0		
8080 FR/LF	DP 35	SGD-R35-96x96	0.01	7.50	± 52.5		
9066 FFR/LFF	DP 35	SGD-R35-107x80	0.16	6.00	± 52.5		
12066 FFR/LFF	DP 35	SGD-R35-143x80	0.00	6.00	+52.5 -60		
9080 FFR/LFF	DP 30	SGD-R30-107x96	0.01	7.50	± 45.0		
12080 FFR/LFF	DP 30	SGD-R30-143x96	0.01	6.00	± 45.0		
9066 FRF/FLF	DP 50	SGD-R50-110x80	0.08	7.50	± 75.0		
12066 FRF/FLF	DP 30	SGD-R30-146x80	0.01	6.00	+45 -52.5		
9080 FRF/FLF	DP 50	SGD-R50-110x96	0.12	9.75	± 75.0		
12080 FRF/FLF	DP 25	SGD-R25-146x96	0.01	6.00	± 37.5		
10066 FRLF	DP 35	SGD-R35-116x80	0.02	6.00	+52.5 -60		
12066 FRLF	DP 35	SGD-R35-140x80	0.02	6.00	+52.5 -60		
10080 FRLF	DP 30	SGD-R30-116x96	0.01	6.00	±45.0		
12080 FRLF	DP 30	SGD-R30-140x96	0.01	6.00	± 45.0		
<b>SPD™ Sliding Patio doors</b>							
3066 LF/FR	DP 50	SGD-R50-33x80	0.02	7.50	± 75.0		FL5265.2
6066 LF/FR	DP 50	SGD-R50-71x80	0.08	7.50	± 75.0		
8066 LF/FR	DP 50	SGD-R50-95x80	0.02	7.50	± 75.0		

Energy Performance	U-Factor BTU/hrft²·F	Solar Heat Gain Coefficient	Visible Light Transmittance	ENERGY STAR®	STC/IOTC
<b>FC/SS Sliding Patio doors</b>					
Low-E Without GBG's	0.34	0.26	0.43	N/NC/SC/S	*26/24
Low-E With GBG's	0.35	0.22	0.37	N/NC/SC/S	*26/24
<b>Slim-line™ Sliding Patio doors</b>					
Low-E Without GBG's	0.34	0.30	0.54	N/NC/SC/S	27/22
Low-E With GBG's	0.34	0.27	0.48	N/NC/SC/S	27/22
<b>SPD™ Sliding Patio doors</b>					
Clear Without GBG's	0.49	0.64	0.58	None	*27/22
Clear With GBG's	0.49	0.58	0.52	None	*27/22
Low-E Without GBG's	0.3	0.35	0.59	N/NC/SC/S	*27/22
Low-E With GBG's	0.3	0.33	0.53	N/NC/SC/S	*27/22

**Design Pressure** ( Pounds per square foot ) Determined by the lowest of the Water Resistance and Structural Load values

**Air Infiltration** ( Standard cubic feet per minute per square foot ) Tested in accordance with ASTM E283 at a test pressure of 1.57 psf.  
Allowable air infiltration - 0.30 scfm/ft2

**Water Resistance** ( Pounds per square foot ) All listed Therma-Tru Patio Systems have been tested to Optional Higher Water Resistance Performance Levels  
Tested in accordance with ASTM E547 at 5 gal/hr-ft2 - 4 five minute cycles. Allowable water penetration - none

**Structural Load** ( Pounds per square foot ) All listed Therma-Tru Patio Systems have been tested to Optional Higher Uniform Structural Load Performance Levels  
Tested in accordance with ASTM E330 at 150% of design pressure

**U-Factor** ( British Thermal Units per hour per square foot per degree's Fahrenheit ) U-Factor determined in accordance with NFRC 100  
Tested by an NFRC accredited testing laboratory. All listed Therma-Tru Patio System U-Factor values are NFRC Certified

**Solar Heat Gain** SHGC determined in accordance with NFRC 200  
Tested by an NFRC accredited testing laboratory. All listed Therma-Tru Patio System SHGC values are NFRC Certified

**Visible Light** Visible Light Transmittance determined in accordance with NFRC 200  
Tested by an NFRC accredited testing laboratory. All listed Therma-Tru Patio System VLT values are NFRC Certified

**ENERGY STAR®** N = Northern Climate Zone. NC = North Central Climate Zone. SC = South Central Climate Zone. S = Southern Climate Zone

All listed Therma-Tru Patio Systems exceed ENERGY STAR requirements for all Climate Zones except for SPD with clear glass

**STC / IOTC** \*Manufacturers estimated Sound Transmission Class values based on Independent Test Laboratory reports of similar Therma-Tru Patio Systems

All listed as Certified Therma-Tru Patio Systems have been tested by an approved independent laboratory, comply with ANSI/AAMA/NWWDA 101/I.S.2 and are certified by an approved certification and inspection agency