

# Sliding Patio Systems Performance Data

FC/SS Sliding Patio doors						
6066,6068 FR/LF	DP 55	SGD-R55-72x82	0.02	8.25	± 90.0	FLS265
6066,6068 FFR/LFF	DP 45	SGD-R45-116x82	0.08	8.25	± 67.5	
6066,6068 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	
6080 FFR/LFF	DP 40	SGD-R40-116x96	0.08	8.25	± 67.5	
6080 FRLF	DP 40	SGD-R40-140x96	0.09	6.75	± 60.0	

Slim-Line Sliding Patio doors						
3066 F	DP 50	F-R50-39x80	0.08	7.50	± 75.0	FLS265
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 LF/FR	DP 50	SGD-R50-72x80	0.08	7.50	± 75.0	
6066,6068, AL/RA	DP 45	SGD-R45-96x80	0.02	7.50	+67.5 -75	
6080 LF/FR	DP 50	SGD-R50-72x96	0.12	9.75	± 75.0	
8080 LF/FR	DP 35	SGD-R35-96x96	0.01	7.50	± 52.5	
9066 LFF/FFR	DP 35	SGD-R35-107x80	0.16	6.00	± 52.5	
12066 LFF/FFR	DP 35	SGD-R35-143x80	0.00	6.00	+52.5 -60	
60710,6080, AL/RA	DP 30	SGD-R30-107x96	0.01	7.50	± 45.0	
12080 LFF/FFR	DP 30	SGD-R30-143x96	0.01	6.00	± 45.0	
9066 FLF/FRF	DP 50	SGD-R50-110x80	0.08	7.50	± 75.0	
12066 FLF/FRF	DP 30	SGD-R30-146x80	0.01	6.00	+45 -52.5	
9080 FLF/FRF	DP 50	SGD-R50-110x96	0.12	9.75	± 75.0	
12080 FLF/FRF	DP 25	SGD-R25-146x96	0.01	6.00	± 37.5	
9066 FLRF	DP 35	SGD-R35-116x80	0.02	6.00	+52.5 -60	
12066 FLRF	DP 35	SGD-R35-140x80	0.02	6.00	+52.5 -60	
9080 FLRF	DP 30	SGD-R30-116x96	0.01	6.00	±45.0	
12080 FLRF	DP 30	SGD-R30-140x96	0.01	6.00	± 45.0	

Vinyl Sliding Patio doors						
3066 LF/FR	DP 50	69207.01	0.01	7.5	± 50	FL8500
5066 LF/FR	DP 35	67106.01	0.19	5.25	± 35	FL7612
6066 LF/FR	DP 35	67106.02	0.19	5.25	± 35	
5066 LF/FR W/Stiffener	DP 50	67873.01	0.15	7.5	± 50	
6066 LF/FR W/Stiffener	DP 50	67873.02	0.15	7.5	± 50	
8066 LF/FR	DP 35	87112.01	0.14	5.25	± 35	
9066 LF/FR	DP 45	66543.01	0.06	6.75	± 45	

Energy Performance	U-Factor BTU/hrft <sup>2</sup> °F	Solar Heat Gain Coefficient	Visible Light Transmittance	2010 Energy Star <sup>®</sup> Qualified	STC/ITC
FC/SS Sliding Patio doors					
Low-E Without GBG's	0.32	0.25	0.41	N/NC/SC/S	27/23
Low-E With GBG's	0.34	0.21	0.25	-	27/23
Slim-line Sliding Patio doors					
Low-E Without GBG's	0.34	0.30	0.54	-	27/23
Low-E With GBG's	0.34	0.27	0.48	-	27/23
Vinyl Sliding Patio doors					
Clear Without GBG's	0.46	0.61	0.66	-	27/22
Clear With GBG's	0.47	0.54	0.57	-	27/22
Low-E Without GBG's	0.29	0.29	0.57	N/NC/SC/S	27/22
Low-E With GBG's	0.31	0.26	0.50	-	27/22
Low-E 366 Without GBG's	0.28	0.22	0.52	N/NC/SC/S	27/22
Low-E 366 With GBG's	0.30	0.20	0.45	N/NC/SC/S	27/22

Design Pressure / Performance Grade	( Pounds per square foot.) Determined by the lowest of the Air Infiltration, 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 Thermo-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 Thermo-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 Thermo-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 Thermo-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 Thermo-Tru Patio System VLT values are NFRC Certified
Sound Transmission	Manufacturers estimated Sound Transmission Class values based on Independent Test Laboratory reports of similar Thermo-Tru Patio Systems

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