

Therma-Tru Fiber-Classic and Smooth-Star Hinged Patio Door

Configuration	Door Width	Door Height	Design Pressure psf	Air Infiltration scfm/ft2	Water Reistance psf	Structural Load psf	Performance Rating
L / R (Inswing)	2/6	6/6					
L / R (Inswing)	2/8	6/6					
L / R (Inswing)	2/10	6/6					
L / R (Inswing)	3/0	6/6					
L / R (Inswing)	2/6	6/8					
L / R (Inswing)	2/8	6/8					
L / R (Inswing)	2/10	6/8					
L / R (Inswing)	3/0	6/8					
L / R (Inswing)	2/6	8/0					
L / R (Inswing)	2/8	8/0					
L / R (Inswing)	2/10	8/0					
L / R (Inswing)	3/0	8/0					
F (Inswing)	2/6	6/6					
F (Inswing)	2/8	6/6					
F (Inswing)	2/10	6/6					
F (Inswing)	3/0	6/6					
F (Inswing)	2/6	6/8					
F (Inswing)	2/8	6/8					
F (Inswing)	2/10	6/8					
F (Inswing)	3/0	6/8					
F (Inswing)	2/6	8/0					
F (Inswing)	2/8	8/0					
F (Inswing)	2/10	8/0					
F (Inswing)	3/0	8/0					
L / R (Outswing)	2/6	6/6					
L / R (Outswing)	2/8	6/6					
L / R (Outswing)	2/10	6/6					
L / R (Outswing)	3/0	6/6					
L / R (Outswing)	2/6	6/8					
L / R (Outswing)	2/8	6/8					
L / R (Outswing)	2/10	6/8					
L / R (Outswing)	3/0	6/8					
L / R (Outswing)	2/6	8/0					
L / R (Outswing)	2/8	8/0					
L / R (Outswing)	2/10	8/0					
L / R (Outswing)	3/0	8/0					
F (Outswing)	2/6	6/6					
F (Outswing)	2/8	6/6					
F (Outswing)	2/10	6/6					
F (Outswing)	3/0	6/6					
F (Outswing)	2/6	6/8					
F (Outswing)	2/8	6/8					
F (Outswing)	2/10	6/8					
F (Outswing)	3/0	6/8					
F (Outswing)	2/6	8/0					
F (Outswing)	2/8	8/0					
F (Outswing)	2/10	8/0					
F (Outswing)	3/0	8/0					
LA / AR	2/6	6/6					
LA / AR	2/8	6/6					
LA / AR	2/10	6/6					
LA / AR	3/0	6/6					
LA / AR	2/6	6/8					
LA / AR	2/8	6/8					
LA / AR	2/10	6/8					
LA / AR	3/0	6/8					
LA / AR	2/6	8/0					
LA / AR	2/8	8/0					
LA / AR	2/10	8/0					
LA / AR	3/0	8/0					

Configuration	Door Width	Door Height	Design Pressure psf	Air Infiltration scfm/ft2	Water Reistance psf	Structural Load psf	Performance Rating
AL / RA	2/6	6/6					
AL / RA	2/8	6/6					
AL / RA	2/10	6/6					
AL / RA	3/0	6/6					
AL / RA	2/6	6/8					
AL / RA	2/8	6/8					
AL / RA	2/10	6/8					
AL / RA	3/0	6/8					
AL / RA	2/6	8/0					
AL / RA	2/8	8/0					
AL / RA	2/10	8/0					
AL / RA	3/0	8/0					
LF / FR	2/6	6/6					
LF / FR	2/8	6/6					
LF / FR	2/10	6/6					
LF / FR	3/0	6/6					
LF / FR	2/6	6/8					
LF / FR	2/8	6/8					
LF / FR	2/10	6/8					
LF / FR	3/0	6/8					
LF / FR	2/6	8/0					
LF / FR	2/8	8/0					
LF / FR	2/10	8/0					
LF / FR	3/0	8/0					
FL / RF	2/6	6/6					
FL / RF	2/8	6/6					
FL / RF	2/10	6/6					
FL / RF	3/0	6/6					
FL / RF	2/6	6/8					
FL / RF	2/8	6/8					
FL / RF	2/10	6/8					
FL / RF	3/0	6/8					
FL / RF	2/6	8/0					
FL / RF	2/8	8/0					
FL / RF	2/10	8/0					
FL / RF	3/0	8/0					
FF	2/6	6/6					
FF	2/8	6/6					
FF	2/10	6/6					
FF	3/0	6/6					
FF	2/6	6/8					
FF	2/8	6/8					
FF	2/10	6/8					
FF	3/0	6/8					
FF	2/6	8/0					
FF	2/8	8/0					
FF	2/10	8/0					
FF	3/0	8/0					
LFF / FFR	2/6	6/6					
LFF / FFR	3/0	6/6					
LFF / FFR	2/6	6/8					
LFF / FFR	3/0	6/8					
LFF / FFR	2/6	8/0					
LFF / FFR	3/0	8/0					
FFL / RFF	2/6	6/6					
FFL / RFF	3/0	6/6					
FFL / RFF	2/6	6/8					
FFL / RFF	3/0	6/8					
FFL / RFF	2/6	8/0					
FFL / RFF	3/0	8/0					
FLF / FRF	2/6	6/6					
FLF / FRF	3/0	6/6					
FLF / FRF	2/6	6/8					
FLF / FRF	3/0	6/8					
FLF / FRF	2/6	8/0					
FLF / FRF	3/0	8/0					

Configuration	Door Width	Door Height	Design Pressure psf	Air Infiltration scfm/ft2	Water Resistance psf	Structural Load psf	Performance Rating
FFF	2/6	6/6					
FFF	3/0	6/6					
FFF	2/6	6/8					
FFF	3/0	6/8					
FFF	2/6	8/0					
FFF	3/0	8/0					

Comments	U-Factor btu/hr sqft F	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star	STC
Inswing					
Low-E Without GBG's	0.29	0.22	0.36	N/NC/SC/S	27
Low-E With GBG's	0.31	0.19	0.30	N/NC/SC/S	27
Outswing					
Low-E Without GBG's	0.30	0.22	0.37	N/NC/SC/S	27
Low-E With GBG's	0.31	0.19	0.31	N/NC/SC/S	27

Test Results Pending

Design Pressure (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 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

Operating Forces (Pounds Force) First value reports force to open / second value reports force to keep in motion
Allowable maximum operating forces - 30 / 20

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

Sound Transmission 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/NWDA 101/I.S.2 and are certified by an approved certification and inspection agency