



Phius Product Number: D-100152
Date Last Certified: 08/15/2023
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 08/15/2025
Air Leakage Test Data Available: No



PRODUCT INFORMATION		
Product Name: Peerless GTD5 Doors		
Manufacturer: Peerless Products Inc	Primary Frame Material: Aluminum	
Series: GTD5	Operation Category: Swinging Door	
Model: GTD5 Doors	Operation Type: Single Swinging Door	
IGU DETAILS		
Glazing Name: 5.7mm LoE-366 (#2) / 13.0 / 5.7mm LoE-180 (#4) / 13.0 / 5.7mm LoE-i89 (#6)		
Glass Layers: Triple	Gas Fill: Argon	Spacer Model: Cardinal XL Edge

RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i>										
Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓		✓	✓						
U-Whole-Door	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Modeled Size [W × H]	37.80" × 82.28"		SHGC, Whole Door: 0.14				Condensation Resistance:			

COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | Compatible with building energy modeling tools

U-COG Center of Glass U-Values, by Climate Zone [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.23		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	6.10"	6.10"	6.10"	10.59"
Frame U-Value [Btu/hr·ft²·°F]	0.44	0.44	0.44	0.47
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0188	0.0188	0.0188	0.0202
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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RECOMMENDED CLIMATE ZONES *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [W/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓		✓	✓						
U-Whole-Door	1.60	1.59	1.59	1.60	1.59	1.59	1.59	1.59	1.58	1.58
Modeled Size [W × H]	0.96 m × 2.09 m		SHGC, Whole Door: 0.14			Condensation Resistance:				

COMPONENT-LEVEL PERFORMANCE DATA [SI Units] | *Compatible with building energy modeling tools*

U-COG Center of Glass U-Values, by Climate Zone [W/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.66	0.65	0.65	0.65	0.64	0.65	0.64	0.64	0.63	0.63
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.23		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	155 mm	155 mm	155 mm	269 mm
Frame U-Value [W/m ² K]	2.48	2.48	2.48	2.69
Glazing-to-Frame Psi Value [W/mK]	0.0327	0.0327	0.0327	0.0351
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				