



Phius Product Number: D-100133
Date Last Certified: 08/15/2023
THERM Files Available: No

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



PRODUCT INFORMATION

Product Name: Innotech 88 PH/TS Entry Door	
Manufacturer: Innotech Windows + Doors	Primary Frame Material: Vinyl
Series: 88 PH	Operation Category: Swinging Door
Model: 88 PH/TS Entry Door	Operation Type: Single Swinging Door
NFRC CPD #: INN-M-28-00608-00001	

IGU DETAILS

Glazing Name: E366 / arg / clr / arg / E180 (4mm/4mm/4mm) 46mm IG_CL		
Glass Layers: Triple	Gas Fill: Argon	Spacer Model: Quanex Super Spacer Triseal

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 [Btu/hr·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓			
U-Whole-Door	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.17
Modeled Size [W × H]	37.80" × 82.28"		SHGC, Whole Door: 0.13				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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.13
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.24		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	7.20"	7.20"	7.20"	5.43"
Frame U-Value [Btu/hr·ft²·°F]	0.18	0.18	0.18	0.27
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0109	0.0109	0.0102	0.0120
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				



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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	0.86	0.86	0.86	0.86	0.87	0.87	0.88	0.89	0.92	0.94
Modeled Size [W × H]	0.96 m × 2.09 m		SHGC, Whole Door: 0.13				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	0.57	0.58	0.58	0.57	0.59	0.58	0.61	0.63	0.68	0.72
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.24		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	183 mm	183 mm	183 mm	138 mm
Frame U-Value [W/m²K]	1.01	1.01	1.00	1.55
Glazing-to-Frame Psi Value [W/mK]	0.019	0.019	0.0178	0.0209
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				