



Phius Product Number: D-100182
Date Last Certified: 09/20/2024
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through:
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Viking Innova Sliding Door	
Manufacturer: Viking Window AS	Primary Frame Material: Wood
Series: Innova	Operation Category: Sliding Door
Model: Innova Sliding Door	Operation Type: 0

IGU DETAILS

Glazing Name: 52mm 3-pane IGU // 4tghLowE-4-4tghLowE; 2x20mm Ar90%		
Glass Layers: Triple	Gas Fill: Argon	Spacer Model: SWISSPACER ULTIMATE

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	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.16	0.16
Modeled Size [W × H]	78.74" × 78.74"			SHGC, Whole Door: 0.40			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	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.53		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	5.31"	2.01"	6.30"	5.28"
Frame U-Value [Btu/hr·ft ² ·°F]	0.20	0.46	0.25	0.39
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0080	0.0146	0.0082	0.0091

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.13"	2.01"	3.07"	3.15"
Frame U-Value [Btu/hr·ft ² ·°F]	0.10	0.19	0.19	0.22
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0071	0.0082	0.0083	0.0085

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 12/23/2025



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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/m²K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓	✓			
U-Whole-Door	0.79	0.78	0.78	0.78	0.81	0.79	0.83	0.85	0.89	0.91
Modeled Size [W × H]	2.00 m × 2.00 m			SHGC, Whole Door: 0.40			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/m²K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.54	0.53	0.53	0.53	0.57	0.54	0.60	0.61	0.67	0.70
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.53		

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	135 mm	51 mm	160 mm	134 mm
Frame U-Value [W/m²K]	1.13	2.60	1.43	2.19
Glazing-to-Frame Psi Value [W/mK]	0.0139	0.0254	0.0142	0.0158

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	54 mm	51 mm	78 mm	80 mm
Frame U-Value [W/m²K]	0.57	1.08	1.07	1.26
Glazing-to-Frame Psi Value [W/mK]	0.0123	0.0142	0.0144	0.0148

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)

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