phius certified product

Phius Product Number: W-102674
Date Last Certified: 01/26/26
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 04/06/28
Air Leakage Test Data Available: No

PRODUCT INFORMATION

Product Name: Harvey Axio Dual Action (VF-VV)	
Manufacturer: Harvey Windows & Doors	**Primary Frame Material:** Vinyl
Series: Axio	**Fixed or Operable:** Operable
Model: Axio Dual Action (VF-VV)	**Operation Type:** Dual Action Tilt Turn
NFRC CPD #: HII-M-52-01768-00001	

IGU DETAILS

Glazing Name: E270/Argon/E180/Argon/ i89 (SS/SS/SS) 1-3/4" E		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer:** Cardinal Endur

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

Recommended Climate Zones and Whole-Window 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-Window	0.12	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15

Modeled Size [W×H] 47.24" × 59.06" **SHGC, Whole Window:** 0.21 **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	0.08	0.09	0.09	0.08	0.09	0.09	0.10	0.10	0.11	0.12

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.32

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	4.92"	4.92"	4.92"	4.92"
Frame U-Value [Btu/hr•ft^2•°F]	0.22	0.22	0.20	0.19
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0024	0.0024	0.0017	0.0016

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

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Product Name: Harvey Axio Dual Action (VF-VV)	
Manufacturer: Harvey Windows & Doors	**Primary Frame Material:** Vinyl
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IGU DETAILS

Glazing Name: E270/Argon/E180/Argon/ i89 (SS/SS/SS) 1-3/4" E		
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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-Window 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-Window	0.71	0.74	0.74	0.73	0.76	0.74	0.78	0.79	0.82	0.84

Modeled Size [W × H] 1.20 m × 1.50 m **SHGC, Whole Window:** 0.21 **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	0.45	0.49	0.49	0.48	0.52	0.50	0.55	0.57	0.62	0.66

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.32

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	125 mm	125 mm	125 mm	125 mm
Frame U-Value [W/m^{2}K]	1.25	1.25	1.13	1.10
Glazing-to-Frame Psi Value [W/mK]	0.0042	0.0042	0.0031	0.0029

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