phius certified product

Phius Product Number: W-102587
Date Last Certified: 02/11/2026
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 02/11/2028
Air Leakage Test Data Available: No

PRODUCT INFORMATION

Product Name: KF Window Technology - Passive+	
Manufacturer: KF Window Technology	**Primary Frame Material:** Vinyl
Series: Salamander bluEvolution 82	**Fixed or Operable:** Operable
Model: Passive+ Single Action Turn Only	**Operation Type:** Other

IGU DETAILS

Glazing Name: PLANITHERM ONE II/ARG/CLR/PLANITHERM ONE 44.2 Lami (10MM/12/6MM/12/8MM) 48MM IG		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer:** SWISSPACER ULTIMATE

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	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16

Modeled Size [W×H] 47.24" × 59.06" **SHGC, Whole Window:** 0.24 **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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.36

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]	0.18	0.18	0.19	0.19
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0164	0.0164	0.0165	0.0165

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

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PRODUCT INFORMATION

Product Name: KF Window Technology - Passive+	
Manufacturer: KF Window Technology	**Primary Frame Material:** Vinyl
Series: Salamander bluEvolution 82	**Fixed or Operable:** Operable
Model: Passive+ Single Action Turn Only	**Operation Type:** Other

IGU DETAILS

Glazing Name: PLANITHERM ONE II/ARG/CLR/PLANITHERM ONE 44.2 Lami (10MM/12/6MM/12/8MM) 48MM IG		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer:** SWISSPACER ULTIMATE

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	0.92	0.91	0.91	0.91	0.90	0.91	0.90	0.90	0.89	0.89

Modeled Size [W ×H] 1.20 m × 1.50 m **SHGC, Whole Window:** 0.24 **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	0.74	0.73	0.73	0.73	0.72	0.72	0.72	0.71	0.71	0.70

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.36

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]	1.05	1.05	1.06	1.06
Glazing-to-Frame Psi Value [W/mK]	0.0285	0.0285	0.0287	0.0287

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