



**Fiberglass Reinforced uPVC windows
Designed for Passive House**

TR-6 PH+ (PH+ Foam)	Description			NFRC Full-Frame / Total Unit Performance				Air Infiltration @ 1.57 psf	Center-of-Glass (COG) Performance*			
	Glass Package	Use	Makeup	U-factor	R-value	SHGC	VT		U-factor	R-value	SHGC	VT
Fixed	Balanced-6 PH+	Passive House Optimized Low U-factor High Visible Light	Triple Pane with Suspended Film, Argon Gas Fill	0.16	6.3	0.27	0.44	<0.01 cfm/ft ²	0.12	6.3	0.34	0.55
	HighGain-6 PH+	Passive House Optimized High Solar Heat Gain Coefficient	Triple Pane with Suspended Film, Argon Gas Fill	0.17	5.9	0.41	0.55		0.14	7.1	0.51	0.70
	HighGain-6 Pro PH+	Passive House Optimized Low U-factor High Solar Heat Gain Coefficient	Triple Pane with Suspended Film, Argon Gas Fill	0.16	6.3	0.40	0.53		0.13	7.7	0.50	0.67
Tilt Turn/Hopper	Balanced-6 PH+	Passive House Optimized Low U-factor High Visible Light	Triple Pane with Suspended Film, Argon Gas Fill	0.17	5.9	0.24	0.38	0.03 cfm/ft ²	0.12	6.3	0.34	0.55
	HighGain-6 PH+	Passive House Optimized High Solar Heat Gain Coefficient	Triple Pane with Suspended Film, Argon Gas Fill	0.17	5.9	0.35	0.48		0.14	7.1	0.51	0.70
	HighGain-6 Pro PH+	Passive House Optimized Low U-factor High Solar Heat Gain Coefficient	Triple Pane with Suspended Film, Argon Gas Fill	0.17	5.9	0.35	0.46		0.13	7.7	0.50	0.67

*Center of glass performance calculated according to NFRC standards



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TR-7 PH+ (PH+ Foam)	Description			NFRC Full-Frame / Total Unit Performance				Air Infiltration @ 1.57 psf	Center-of-Glass (COG) Performance*			
	Glass Package	Use	Makeup	U-factor	R-value	SHGC	VT		U-factor	R-value	SHGC	VT
Fixed	Balanced-7 PH+	Passive House Optimized Low U-factor High Visible Light	Triple Pane with Suspended Film, Krypton Gas Fill	0.14	7.1	0.27	0.44	<0.01 cfm/ft ²	0.11	9.1	0.34	0.56
	HighGain-7 PH+	Passive House Optimized High Solar Heat Gain Coefficient	Triple Pane with Suspended Film, Krypton Gas Fill	0.15	6.7	0.41	0.55		0.12	8.3	0.51	0.70
Tilt Turn/Hopper	Balanced-7 PH+	Passive House Optimized Low U-factor High Visible Light	Triple Pane with Suspended Film, Krypton Gas Fill	0.15	6.7	0.24	0.38	0.03 cfm/ft ²	0.11	9.1	0.34	0.56
	HighGain-7 PH+	Passive House Optimized High Solar Heat Gain Coefficient	Triple Pane with Suspended Film, Krypton Gas Fill	0.16	6.3	0.35	0.48		0.12	8.3	0.51	0.70

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TR-9 PH+ (PH+ Foam)	Description			NFRC Full-Frame / Total Unit Performance				Air Infiltration @ 1.57 psf	Center-of-Glass (COG) Performance*			
	Glass Package	Use	Makeup	U-factor	R-value	SHGC	VT		U-factor	R-value	SHGC	VT
Fixed	Balanced-9 PH+	Passive House Optimized Low U-factor High Visible Light	Quad Pane with Suspended Film, Krypton Gas Fill	0.11	9.1	0.25	0.38	<0.01 cfm/ft ²	0.07	14.3	0.31	0.49
	HighGain-9 PH+	Passive House Optimized High Solar Heat Gain Coefficient	Quad Pane with Suspended Film, Krypton Gas Fill	0.11	9.1	0.35	0.49		0.08	12.5	0.44	0.62
Tilt Turn/Hopper	Balanced-9 PH+	Passive House Optimized Low U-factor High Visible Light	Quad Pane with Suspended Film, Krypton Gas Fill	0.12	8.3	0.21	0.33	0.03 cfm/ft ²	0.07	14.3	0.31	0.49
	HighGain-9 PH+	Passive House Optimized High Solar Heat Gain Coefficient	Quad Pane with Suspended Film, Krypton Gas Fill	0.12	8.3	0.30	0.42		0.08	12.5	0.44	0.62

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