VERSA® VINYL WINDOW PERFORMANCE DATA

TOTAL WINDOW PERFORMANCE

Total window performance measures the centre of glass, the largest area for heat gain and loss, as well as the edge of the glass and the window's frame to provide an overall U-factor, solar heat gain coefficient and condensation resistance rating.

Note: Information presented is based on 3mm glazing. Number may vary when other glass thicknesses and tinted glazings are used. Please consult your sales representative for more details. Data for grids < 25mm are based on grilles between glass. Data for grids ≥ 25mm are based on SDL's with shadow bars between glass. U-Factor[1]: Btu/h-ft2.·F (imperial) U-Factor[2]: W/m2·K (metric).

January 2020 - Qualifying Criteria					
Windows					
	Compliance Paths				
	Energy Rating (ER)	Max Air Leakage	or	U-Factor	Max Air Leakage
	Minimum ER (Dimensionless) Maximum			Maximum U-Factor W/m2•K (0.35 Btu/ h•ft2•F)	
ENERGY STAR®	34	1.5	or	1.22 (0.21)	1.5
ENERGY STAR® Most Efficient	40	1.5	or	1.05 (0.18)	1.5

ENERGY STAR HIGH EFFICIENCY HAUTE EFFICACITÉ

Windows and doors that perform efficiently lower energy costs, create a more comfortable home, and decrease strain on the environment. As a long-time ENERGY STAR® partner, JELD-WEN® of Canada remains committed to developing products that deliver these important benefits.

Dual Glazed Low-E		Dual Glazed 3MM											
		SunFlow™ Argon						SunResist™ Argon					
Type	Grilles	U1	U2	SHGC	VT	ER	ENERGY STAR (ES) Most Efficient (ES+)	U1	U2	SHGC	VT	ER	ENERGY STAR (ES) Most Efficient (ES+)
Awning JWC8500	Without	0.26	1.48	0.51	0.59	37	ES	0.25	1.42	0.20	0.48	20	-
	With < 25 mm	0.26	1.48	0.46	0.53	34	ES	0.26	1.48	0.19	0.43	18	-
	With ≥ 25 mm	0.28	1.59	0.42	0.48	29	-	0.27	1.53	0.17	0.39	16	-
Casement JWC8500	Without	0.26	1.48	0.51	0.59	37	ES	0.25	1.42	0.20	0.42	20	-
	With < 25 mm	0.27	1.53	0.46	0.53	33	-	0.26	1.48	0.19	0.43	18	-
	With ≥ 25 mm	0.28	1.59	0.42	0.48	29	-	0.27	1.53	0.17	0.39	16	-
Fixed JWC8500	Without	0.27	1.53	0.57	0.66	39	ES	0.25	1.42	0.23	0.54	22	-
	With < 25 mm	0.28	1.59	0.51	0.59	34	ES	0.27	1.53	0.21	0.48	18	-
	With ≥ 25 mm	0.29	1.65	0.46	0.52	30	-	0.28	1.59	0.19	0.43	16	-
Slider	Without	0.31	1.75	0.53	0.61	31	-	0.29	1.67	0.21	0.50	14	-
	With < 25 mm	0.31	1.75	0.48	0.54	28	-	0.29	1.67	0.19	0.44	13	-
	With ≥ 25 mm	0.31	1.75	0.48	0.54	28	-	0.29	1.67	0.19	0.44	13	-
Single Hung	Without	0.31	1.75	0.52	0.60	31	-	0.29	1.67	0.21	0.49	14	-
	With < 25 mm	0.31	1.75	0.47	0.53	27	-	0.29	1.67	0.19	0.43	13	-
	With ≥ 25 mm	0.31	1.75	0.47	0.53	27	-	0.29	1.67	0.19	0.43	13	-

U-Factor[1]: Btu/h-ft2.·F (imperial)
U-Factor[2]: W/m2·K (metric)

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Triple Glazed Low-E (2 coats)		Triple Glazed 3MM											
		2 x SunFlow™ Argon						2 x SunResist™ Argon					
Type	Grilles	U1	U2	SHGC	VT	ER	ENERGY STAR (ES) Most Efficient (ES+)	U1	U2	SHGC	VT	ER	ENERGY STAR (ES) Most Efficient (ES+)
Awning JWC8500	Without	0.16	0.91	0.42	0.52	44	ES+	0.16	0.91	0.18	0.42	30	ES+
	With < 25 mm	0.17	0.97	0.38	0.47	40	ES+	0.16	0.91	0.17	0.38	30	ES+
	With ≥ 25 mm	0.18	1.02	0.35	0.42	37	ES+	0.18	1.02	0.16	0.34	26	ES+
Casement JWC8500	Without	0.16	0.91	0.42	0.52	44	ES+	0.16	0.91	0.18	0.42	30	ES+
	With < 25 mm	0.17	0.97	0.38	0.47	40	ES+	0.16	0.91	0.17	0.38	30	ES+
	With ≥ 25 mm	0.18	1.02	0.35	0.42	37	ES+	0.18	1.02	0.16	0.34	26	ES+
Fixed JWC8500	Without	0.16	0.91	0.47	0.58	47	ES+	0.15	0.85	0.21	0.47	33	ES+
	With < 25 mm	0.17	0.97	0.42	0.52	43	ES+	0.16	0.91	0.21	0.47	31	ES+
	With ≥ 25 mm	0.19	1.08	0.38	0.46	38	ES+	0.18	1.02	0.17	0.38	27	ES+

U-Factor[1]: Btu/h-ft2.·F (imperial)
U-Factor[2]: W/m2·K (metric)

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