ENERGY STAR Ratings - 2500 Energy Saver

Awning

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
HS1									
	None	1|2	0.14	32	1.53	0.27	0.45	0.51	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.14	29	1.53	0.27	0.4	0.46	4|5|6|7A|7B|8
	1" SDL And Over	1	0.14	27	1.53	0.27	0.36	0.41	4|5|6|7A
	Under 1" Grille	1|2	0.14	29	1.53	0.27	0.4	0.46	4|5|6|7A|7B|8
	1" Grille And Over	1	0.14	27	1.53	0.27	0.36	0.41	4|5|6|7A
HS1V									
	None	1|2|3	0.14	34	1.36	0.24	0.41	0.5	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.14	31	1.36	0.24	0.37	0.45	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.14	29	1.36	0.24	0.33	0.4	4|5|6|7A|7B|8
	Under 1" Grille	1|2	0.14	31	1.36	0.24	0.37	0.45	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.14	29	1.36	0.24	0.33	0.4	4|5|6|7A|7B|8
HS4									
	None	1	0.14	21	1.48	0.26	0.24	0.45	4|5|6|7A
	Under 1" SDL	1	0.14	20	1.48	0.26	0.22	0.41	4|5|6|7A
	1" SDL And Over	1	0.14	19	1.48	0.26	0.2	0.36	4|5|6|7A
	Under 1" Grille	1	0.14	20	1.48	0.26	0.22	0.41	4|5|6|7A
	1" Grille And Over	1	0.14	19	1.48	0.26	0.2	0.36	4|5|6|7A
HS4V									
	None	1|2	0.14	25	1.31	0.23	0.24	0.44	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.14	24	1.31	0.23	0.22	0.4	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.14	23	1.31	0.23	0.2	0.35	4|5|6|7A|7B|8
	Under 1" Grille	1|2	0.14	24	1.31	0.23	0.22	0.4	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.14	23	1.31	0.23	0.2	0.35	4|5|6|7A|7B|8
HS2									
	None	1|2|3	0.14	37	1.19	0.21	0.4	0.47	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.14	35	1.19	0.21	0.36	0.42	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.14	33	1.19	0.21	0.33	0.38	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.14	35	1.19	0.21	0.36	0.42	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.14	33	1.19	0.21	0.33	0.38	4|5|6|7A|7B|8

Legend:
Standards: U-Values = NFRC 100-1;
SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ALL WEATHER WINDOWS

ENERGY STAR Ratings - 2500 Energy Saver

Casement

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
HS1									
	None	1|2	0.09	32	1.53	0.27	0.44	0.51	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.09	29	1.53	0.27	0.4	0.46	4|5|6|7A|7B|8
	1" SDL And Over	1	0.09	27	1.53	0.27	0.36	0.41	4|5|6|7A
	Under 1" Grille	1|2	0.09	29	1.53	0.27	0.4	0.46	4|5|6|7A|7B|8
	1" Grille And Over	1	0.09	27	1.53	0.27	0.36	0.41	4|5|6|7A
HS1V									
	None	1|2|3	0.09	35	1.31	0.23	0.41	0.5	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.09	32	1.31	0.23	0.37	0.45	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.09	30	1.31	0.23	0.33	0.4	4|5|6|7A|7B|8
	Under 1" Grille	1|2	0.09	32	1.31	0.23	0.37	0.45	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.09	30	1.31	0.23	0.33	0.4	4|5|6|7A|7B|8
HS4									
	None	1	0.09	21	1.48	0.26	0.24	0.45	4|5|6|7A
	Under 1" SDL	1	0.09	20	1.48	0.26	0.22	0.41	4|5|6|7A
	1" SDL And Over	1	0.09	19	1.48	0.26	0.2	0.36	4|5|6|7A
	Under 1" Grille	1	0.09	20	1.48	0.26	0.22	0.41	4|5|6|7A
	1" Grille And Over	1	0.09	19	1.48	0.26	0.2	0.36	4|5|6|7A
HS4V									
	None	1|2	0.09	25	1.31	0.23	0.24	0.44	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.09	24	1.31	0.23	0.22	0.4	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.09	23	1.31	0.23	0.2	0.35	4|5|6|7A|7B|8
	Under 1" Grille	1|2	0.09	24	1.31	0.23	0.22	0.4	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.09	23	1.31	0.23	0.2	0.35	4|5|6|7A|7B|8
HS2									
	None	1|2|3	0.09	37	1.19	0.21	0.4	0.47	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.09	35	1.19	0.21	0.36	0.42	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.09	33	1.19	0.21	0.33	0.38	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.09	35	1.19	0.21	0.36	0.42	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.09	33	1.19	0.21	0.33	0.38	4|5|6|7A|7B|8

ENERGY STAR

Legend:
Standards: U-Values = NFRC 100-1;
SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ENERGY STAR Ratings - 2500 Energy Saver

Casement Con't.

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
HS3									
	None	1|2|3	0.09	38	1.02	0.18	0.36	0.45	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.09	37	1.02	0.18	0.33	0.4	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.09	35	1.02	0.18	0.3	0.36	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.09	37	1.02	0.18	0.33	0.4	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.09	35	1.02	0.18	0.3	0.36	4|5|6|7A|7B|8
HS5									
	None	1|2|3	0.09	26	1.19	0.21	0.22	0.41	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.09	25	1.19	0.21	0.2	0.37	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.09	25	1.19	0.21	0.19	0.33	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.09	25	1.19	0.21	0.2	0.37	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.09	25	1.19	0.21	0.19	0.33	4|5|6|7A|7B|8
HS6									
	None	1|2|3	0.09	31	0.97	0.17	0.21	0.35	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.09	30	0.97	0.17	0.19	0.32	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.09	28	0.97	0.17	0.17	0.28	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.09	30	0.97	0.17	0.19	0.32	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.09	28	0.97	0.17	0.17	0.28	4|5|6|7A|7B|8
Triple									
	None	1|2	0.09	30	1.65	0.29	0.46	0.48	4|5|6|7A|7B|8
	Under 1" SDL	1	0.09	27	1.65	0.29	0.41	0.44	4|5|6|7A
	1" SDL And Over	1	0.09	25	1.65	0.29	0.37	0.39	4|5|6|7A
	Under 1" Grille	1	0.09	27	1.65	0.29	0.41	0.44	4|5|6|7A
	1" Grille And Over	1	0.09	25	1.65	0.29	0.37	0.39	4|5|6|7A

Legend:
Standards: U-Values = NFRC 100-1;
SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ALL WEATHER WINDOWS

ENERGY STAR Ratings - 2500 Energy Saver

Fixed

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
HS1									
	None	1|2|3	0.01	37	1.53	0.27	0.53	0.61	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.01	34	1.53	0.27	0.47	0.54	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.01	31	1.53	0.27	0.42	0.48	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.01	34	1.53	0.27	0.47	0.54	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.01	31	1.53	0.27	0.42	0.48	4|5|6|7A|7B|8
HS1V									
	None	1|2|3	0.01	39	1.31	0.23	0.48	0.59	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.01	36	1.31	0.23	0.43	0.53	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.01	33	1.31	0.23	0.38	0.47	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.01	36	1.31	0.23	0.43	0.53	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.01	33	1.31	0.23	0.38	0.47	4|5|6|7A|7B|8
HS4									
	None	1	0.01	24	1.48	0.26	0.29	0.54	4|5|6|7A
	Under 1" SDL	1	0.01	23	1.48	0.26	0.26	0.48	4|5|6|7A
	1" SDL And Over	1	0.01	21	1.48	0.26	0.23	0.42	4|5|6|7A
	Under 1" Grille	1	0.01	23	1.48	0.26	0.26	0.48	4|5|6|7A
	1" Grille And Over	1	0.01	21	1.48	0.26	0.23	0.42	4|5|6|7A
HS4V									
	None	1|2	0.01	29	1.25	0.22	0.28	0.52	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.01	27	1.25	0.22	0.25	0.47	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.01	26	1.25	0.22	0.23	0.41	4|5|6|7A|7B|8
	Under 1" Grille	1|2	0.01	27	1.25	0.22	0.25	0.47	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.01	26	1.25	0.22	0.23	0.41	4|5|6|7A|7B|8
HS2									
	None	1|2|3	0.01	42	1.14	0.2	0.47	0.55	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.01	40	1.14	0.2	0.43	0.49	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.01	37	1.14	0.2	0.38	0.44	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.01	40	1.14	0.2	0.43	0.49	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.01	37	1.14	0.2	0.38	0.44	4|5|6|7A|7B|8

ENERGY STAR

Legend:
Standards: U-Values = NFRC 100-1;
SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ENERGY STAR Ratings - 2500 Energy Saver

Fixed Con't.

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
HS3									
	None	1|2|3	0.01	44	0.97	0.17	0.43	0.53	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.01	41	0.97	0.17	0.39	0.48	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.01	39	0.97	0.17	0.35	0.42	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.01	41	0.97	0.17	0.39	0.48	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.01	39	0.97	0.17	0.35	0.42	4|5|6|7A|7B|8
HS5									
	None	1|2|3	0.01	29	1.19	0.21	0.26	0.49	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.01	28	1.19	0.21	0.24	0.44	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.01	26	1.19	0.21	0.21	0.39	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.01	28	1.19	0.21	0.24	0.44	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.01	26	1.19	0.21	0.21	0.39	4|5|6|7A|7B|8
HS6									
	None	1|2|3	0.01	34	0.91	0.16	0.24	0.42	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.01	33	0.91	0.16	0.22	0.37	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.01	32	0.91	0.16	0.2	0.33	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.01	33	0.91	0.16	0.22	0.37	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.01	32	0.91	0.16	0.2	0.33	4|5|6|7A|7B|8
Triple									
	None	1|2|3	0.01	34	1.7	0.3	0.54	0.58	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.01	30	1.7	0.3	0.48	0.51	4|5|6|7A|7B|8
	1" SDL And Over	1	0.01	28	1.7	0.3	0.43	0.45	4|5|6|7A
	Under 1" Grille	1|2	0.01	30	1.7	0.3	0.48	0.51	4|5|6|7A|7B|8
	1" Grille And Over	1	0.01	28	1.7	0.3	0.43	0.45	4|5|6|7A

Legend:
Standards: U-Values = NFRC 100-1;
SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ENERGY STAR Ratings - 2500 Energy Saver

Picture

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
HS1									
	None	1|2|3	0.02	41	1.53	0.27	0.59	0.68	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.02	37	1.53	0.27	0.53	0.61	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.02	34	1.53	0.27	0.48	0.55	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.02	37	1.53	0.27	0.53	0.61	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.02	34	1.53	0.27	0.48	0.55	4|5|6|7A|7B|8
HS1V									
	None	1|2|3	0.02	44	1.25	0.22	0.54	0.67	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.02	41	1.25	0.22	0.49	0.6	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.02	38	1.25	0.22	0.44	0.53	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.02	41	1.25	0.22	0.49	0.6	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.02	38	1.25	0.22	0.44	0.53	4|5|6|7A|7B|8
HS4									
	None	1	0.02	26	1.48	0.26	0.32	0.61	4|5|6|7A
	Under 1" SDL	1	0.02	24	1.48	0.26	0.29	0.54	4|5|6|7A
	1" SDL And Over	1	0.02	23	1.48	0.26	0.26	0.48	4|5|6|7A
	Under 1" Grille	1	0.02	24	1.48	0.26	0.29	0.54	4|5|6|7A
	1" Grille And Over	1	0.02	23	1.48	0.26	0.26	0.48	4|5|6|7A
HS4V									
	None	1|2	0.02	31	1.25	0.22	0.31	0.59	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.02	29	1.25	0.22	0.28	0.53	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.02	28	1.25	0.22	0.26	0.47	4|5|6|7A|7B|8
	Under 1" Grille	1|2	0.02	29	1.25	0.22	0.28	0.53	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.02	28	1.25	0.22	0.26	0.47	4|5|6|7A|7B|8
HS2									
	None	1|2|3	0.02	46	1.14	0.2	0.53	0.63	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.02	43	1.14	0.2	0.48	0.56	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.02	40	1.14	0.2	0.43	0.5	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.02	43	1.14	0.2	0.48	0.56	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.02	40	1.14	0.2	0.43	0.5	4|5|6|7A|7B|8

Legend:
Standards: U-Values = NFRC 100-1;
SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ENERGY STAR Ratings - 2500 Energy Saver

Picture Con't.

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
HS3									
	None	1|2|3	0.02	48	0.91	0.16	0.49	0.6	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.02	45	0.91	0.16	0.44	0.54	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.02	43	0.91	0.16	0.39	0.48	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.02	45	0.91	0.16	0.44	0.54	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.02	43	0.91	0.16	0.39	0.48	4|5|6|7A|7B|8
HS5									
	None	1|2|3	0.02	32	1.14	0.2	0.3	0.55	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.02	31	1.14	0.2	0.27	0.5	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.02	29	1.14	0.2	0.24	0.44	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.02	31	1.14	0.2	0.27	0.5	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.02	29	1.14	0.2	0.24	0.44	4|5|6|7A|7B|8
HS6									
	None	1|2|3	0.02	37	0.85	0.15	0.27	0.47	4|5|6|7A|7B|8
	Under 1" SDL	1|2|3	0.02	36	0.85	0.15	0.25	0.42	4|5|6|7A|7B|8
	1" SDL And Over	1|2|3	0.02	34	0.85	0.15	0.22	0.38	4|5|6|7A|7B|8
	Under 1" Grille	1|2|3	0.02	36	0.85	0.15	0.25	0.42	4|5|6|7A|7B|8
	1" Grille And Over	1|2|3	0.02	34	0.85	0.15	0.22	0.38	4|5|6|7A|7B|8
Triple									
	None	1|2|3	0.02	37	1.76	0.31	0.61	0.65	4|5|6|7A|7B|8
	Under 1" SDL	1|2	0.02	33	1.76	0.31	0.55	0.58	4|5|6|7A|7B|8
	1" SDL And Over	1|2	0.02	30	1.76	0.31	0.49	0.52	4|5|6|7A|7B|8
	Under 1" Grille	1|2	0.02	33	1.76	0.31	0.55	0.58	4|5|6|7A|7B|8
	1" Grille And Over	1|2	0.02	30	1.76	0.31	0.49	0.52	4|5|6|7A|7B|8

Legend:
Standards: U-Values = NFRC 100-1;
SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1