

ENERGY STAR Ratings - Vantage Patio Door

Two-Wide

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
Blinds									
	None	1	0.41	20	1.59	0.28	0.28	0.48	4 5 6 7A
HS1									
	None	1 2	0.41	33	1.65	0.29	0.52	0.6	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	29	1.65	0.29	0.46	0.52	4 5 6 7A 7B 8
	1" SDL And Over	1	0.41	26	1.65	0.29	0.4	0.45	4 5 6 7A
	Under 1" Grille	1 2	0.41	29	1.65	0.29	0.46	0.52	4 5 6 7A 7B 8
	1" Grille And Over	1	0.41	26	1.65	0.29	0.4	0.45	4 5 6 7A
HS1V									
	None	1 2 3	0.41	35	1.4195	0.25	0.47	0.58	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	31	1.48	0.26	0.42	0.51	4 5 6 7A 7B 8
	1" SDL And Over	1	0.41	27	1.48	0.26	0.36	0.44	4 5 6 7A
	Under 1" Grille	1 2	0.41	31	1.48	0.26	0.42	0.51	4 5 6 7A 7B 8
	1" Grille And Over	1	0.41	27	1.48	0.26	0.36	0.44	4 5 6 7A
HS4									
	None	1	0.41	20	1.59	0.28	0.28	0.53	4 5 6 7A
	Under 1" SDL	1	0.41	19	1.59	0.28	0.25	0.46	4 5 6 7A
	1" SDL And Over	1	0.41	17	1.59	0.28	0.22	0.4	4 5 6 7A
	Under 1" Grille	1	0.41	19	1.59	0.28	0.25	0.46	4 5 6 7A
	1" Grille And Over	1	0.41	17	1.59	0.28	0.22	0.4	4 5 6 7A
HS4V									
	None	1 2	0.41	25	1.36272	0.24	0.28	0.52	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	22	1.4195	0.25	0.24	0.45	4 5 6 7A
	1" SDL And Over	1 2	0.41	21	1.4195	0.25	0.22	0.39	4 5 6 7A
	Under 1" Grille	1 2	0.41	22	1.4195	0.25	0.24	0.45	4 5 6 7A
	1" Grille And Over	1	0.41	19	1.47628	0.26	0.22	0.39	4 5 6 7A
HS2									
	None	1 2 3	0.41	37	1.31	0.23	0.47	0.55	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	34	1.31	0.23	0.41	0.48	4 5 6 7A 7B 8
	1" SDL And Over	1 2	0.41	31	1.31	0.23	0.36	0.41	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	34	1.31	0.23	0.41	0.48	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	31	1.31	0.23	0.36	0.41	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 - Vantage Patio Door

Two-Wide - Continued

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	0.41	39	1.14	0.2	0.43	0.53	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	36	1.14	0.2	0.38	0.46	4 5 6 7A 7B 8
	1" SDL And Over	1 2 3	0.41	33	1.14	0.2	0.33	0.4	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	36	1.14	0.2	0.38	0.46	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	31	1.24916	0.22	0.33	0.4	4 5 6 7A 7B 8
HS5									
	None	1 2	0.41	25	1.31	0.23	0.26	0.48	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	24	1.31	0.23	0.23	0.42	4 5 6 7A 7B 8
	1" SDL And Over	1 2	0.41	22	1.31	0.23	0.2	0.36	4 5 6 7A 7B 8
	Under 1" Grille	1 2	0.41	23	1.36272	0.24	0.23	0.42	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	23	1.24916	0.22	0.2	0.36	4 5 6 7A 7B 8
HS6									
	None	1 2 3	0.41	29	1.08	0.19	0.24	0.41	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	27	1.08	0.19	0.21	0.36	4 5 6 7A 7B 8
	1" SDL And Over	1 2 3	0.41	26	1.08	0.19	0.19	0.31	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	27	1.08	0.19	0.21	0.36	4 5 6 7A 7B 8
	1" Grille And Over	1 2 3	0.41	26	1.08	0.19	0.19	0.31	4 5 6 7A 7B 8
Triple									
	None	1 2	0.41	29	1.87	0.33	0.53	0.57	4 5 6 7A 7B 8
	Under 1" SDL	1	0.41	25	1.87	0.33	0.47	0.5	4 5 6 7A
	1" SDL And Over	No/non	0.41	22	1.87	0.33	0.41	0.43	4 5
	Under 1" Grille	1	0.41	25	1.87	0.33	0.47	0.5	4 5 6 7A
	1" Grille And Over	No/non	0.41	22	1.87	0.33	0.41	0.43	4 5


Legend:

Standards: U-Values = NFRC 100-1;

SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ENERGY STAR Ratings - Vantage Patio Door

Three-Wide

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
Blinds									
	None	1	0.41	20	1.59	0.28	0.28	0.48	4 5 6 7A
HS1									
	None	1 2	0.41	33	1.65	0.29	0.52	0.6	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	29	1.65	0.29	0.46	0.52	4 5 6 7A 7B 8
	1" SDL And Over	1	0.41	26	1.65	0.29	0.4	0.45	4 5 6 7A
	Under 1" Grille	1 2	0.41	29	1.65	0.29	0.46	0.52	4 5 6 7A 7B 8
	1" Grille And Over	1	0.41	26	1.65	0.29	0.4	0.45	4 5 6 7A
HS1V									
	None	1 2 3	0.41	35	1.4195	0.25	0.47	0.58	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	31	1.48	0.26	0.42	0.51	4 5 6 7A 7B 8
	1" SDL And Over	1	0.41	27	1.48	0.26	0.36	0.44	4 5 6 7A
	Under 1" Grille	1 2	0.41	31	1.48	0.26	0.42	0.51	4 5 6 7A 7B 8
	1" Grille And Over	1	0.41	27	1.48	0.26	0.36	0.44	4 5 6 7A
HS4									
	None	1	0.41	20	1.59	0.28	0.28	0.53	4 5 6 7A
	Under 1" SDL	1	0.41	19	1.59	0.28	0.25	0.46	4 5 6 7A
	1" SDL And Over	1	0.41	17	1.59	0.28	0.22	0.4	4 5 6 7A
	Under 1" Grille	1	0.41	19	1.59	0.28	0.25	0.46	4 5 6 7A
	1" Grille And Over	1	0.41	17	1.59	0.28	0.22	0.4	4 5 6 7A
HS4V									
	None	1 2	0.41	25	1.36272	0.24	0.28	0.52	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	22	1.4195	0.25	0.24	0.45	4 5 6 7A
	1" SDL And Over	1 2	0.41	21	1.4195	0.25	0.22	0.39	4 5 6 7A
	Under 1" Grille	1 2	0.41	22	1.4195	0.25	0.24	0.45	4 5 6 7A
	1" Grille And Over	1	0.41	19	1.47628	0.26	0.22	0.39	4 5 6 7A
HS2									
	None	1 2 3	0.41	37	1.31	0.23	0.47	0.55	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	34	1.31	0.23	0.41	0.48	4 5 6 7A 7B 8
	1" SDL And Over	1 2	0.41	31	1.31	0.23	0.36	0.41	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	34	1.31	0.23	0.41	0.48	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	31	1.31	0.23	0.36	0.41	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 - Vantage Patio Door

Three-Wide - Continued

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	0.41	39	1.14	0.2	0.43	0.53	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	36	1.14	0.2	0.38	0.46	4 5 6 7A 7B 8
	1" SDL And Over	1 2 3	0.41	33	1.14	0.2	0.33	0.4	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	36	1.14	0.2	0.38	0.46	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	31	1.24916	0.22	0.33	0.4	4 5 6 7A 7B 8
HS5									
	None	1 2	0.41	25	1.31	0.23	0.26	0.48	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	24	1.31	0.23	0.23	0.42	4 5 6 7A 7B 8
	1" SDL And Over	1 2	0.41	22	1.31	0.23	0.2	0.36	4 5 6 7A 7B 8
	Under 1" Grille	1 2	0.41	23	1.36272	0.24	0.23	0.42	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	23	1.24916	0.22	0.2	0.36	4 5 6 7A 7B 8
HS6									
	None	1 2 3	0.41	29	1.08	0.19	0.24	0.41	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	27	1.08	0.19	0.21	0.36	4 5 6 7A 7B 8
	1" SDL And Over	1 2 3	0.41	26	1.08	0.19	0.19	0.31	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	27	1.08	0.19	0.21	0.36	4 5 6 7A 7B 8
	1" Grille And Over	1 2 3	0.41	26	1.08	0.19	0.19	0.31	4 5 6 7A 7B 8
Triple									
	None	1 2	0.41	29	1.87	0.33	0.53	0.57	4 5 6 7A 7B 8
	Under 1" SDL	1	0.41	25	1.87	0.33	0.47	0.5	4 5 6 7A
	1" SDL And Over	No/non	0.41	22	1.87	0.33	0.41	0.43	4 5
	Under 1" Grille	1	0.41	25	1.87	0.33	0.47	0.5	4 5 6 7A
	1" Grille And Over	No/non	0.41	22	1.87	0.33	0.41	0.43	4 5


Legend:

Standards: U-Values = NFRC 100-1;

SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1

ENERGY STAR Ratings - Vantage Patio Door

Four-Wide

GLAZING	GRILLES	ENERGY STAR ZONE	AIR RATING	ENERGY RATING	U-VALUE (Metric)	U-VALUE (Imperial)	SHGC	VT	9.36 CODE ZONES
Blinds									
	None	1	0.41	20	1.59	0.28	0.28	0.48	4 5 6 7A
HS1									
	None	1 2	0.41	33	1.65	0.29	0.52	0.6	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	29	1.65	0.29	0.46	0.52	4 5 6 7A 7B 8
	1" SDL And Over	1	0.41	26	1.65	0.29	0.4	0.45	4 5 6 7A
	Under 1" Grille	1 2	0.41	29	1.65	0.29	0.46	0.52	4 5 6 7A 7B 8
	1" Grille And Over	1	0.41	26	1.65	0.29	0.4	0.45	4 5 6 7A
HS1V									
	None	1 2 3	0.41	35	1.4195	0.25	0.47	0.58	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	31	1.48	0.26	0.42	0.51	4 5 6 7A 7B 8
	1" SDL And Over	1	0.41	27	1.48	0.26	0.36	0.44	4 5 6 7A
	Under 1" Grille	1 2	0.41	31	1.48	0.26	0.42	0.51	4 5 6 7A 7B 8
	1" Grille And Over	1	0.41	27	1.48	0.26	0.36	0.44	4 5 6 7A
HS4									
	None	1	0.41	20	1.59	0.28	0.28	0.53	4 5 6 7A
	Under 1" SDL	1	0.41	19	1.59	0.28	0.25	0.46	4 5 6 7A
	1" SDL And Over	1	0.41	17	1.59	0.28	0.22	0.4	4 5 6 7A
	Under 1" Grille	1	0.41	19	1.59	0.28	0.25	0.46	4 5 6 7A
	1" Grille And Over	1	0.41	17	1.59	0.28	0.22	0.4	4 5 6 7A
HS4V									
	None	1 2	0.41	25	1.36272	0.24	0.28	0.52	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	22	1.4195	0.25	0.24	0.45	4 5 6 7A
	1" SDL And Over	1 2	0.41	21	1.4195	0.25	0.22	0.39	4 5 6 7A
	Under 1" Grille	1 2	0.41	22	1.4195	0.25	0.24	0.45	4 5 6 7A
	1" Grille And Over	1	0.41	19	1.47628	0.26	0.22	0.39	4 5 6 7A
HS2									
	None	1 2 3	0.41	37	1.31	0.23	0.47	0.55	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	34	1.31	0.23	0.41	0.48	4 5 6 7A 7B 8
	1" SDL And Over	1 2	0.41	31	1.31	0.23	0.36	0.41	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	34	1.31	0.23	0.41	0.48	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	31	1.31	0.23	0.36	0.41	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 - Vantage Patio Door

Four-Wide - Continued

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	0.41	39	1.14	0.2	0.43	0.53	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	36	1.14	0.2	0.38	0.46	4 5 6 7A 7B 8
	1" SDL And Over	1 2 3	0.41	33	1.14	0.2	0.33	0.4	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	36	1.14	0.2	0.38	0.46	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	31	1.24916	0.22	0.33	0.4	4 5 6 7A 7B 8
HS5									
	None	1 2	0.41	25	1.31	0.23	0.26	0.48	4 5 6 7A 7B 8
	Under 1" SDL	1 2	0.41	24	1.31	0.23	0.23	0.42	4 5 6 7A 7B 8
	1" SDL And Over	1 2	0.41	22	1.31	0.23	0.2	0.36	4 5 6 7A 7B 8
	Under 1" Grille	1 2	0.41	23	1.36272	0.24	0.23	0.42	4 5 6 7A 7B 8
	1" Grille And Over	1 2	0.41	23	1.24916	0.22	0.2	0.36	4 5 6 7A 7B 8
HS6									
	None	1 2 3	0.41	29	1.08	0.19	0.24	0.41	4 5 6 7A 7B 8
	Under 1" SDL	1 2 3	0.41	27	1.08	0.19	0.21	0.36	4 5 6 7A 7B 8
	1" SDL And Over	1 2 3	0.41	26	1.08	0.19	0.19	0.31	4 5 6 7A 7B 8
	Under 1" Grille	1 2 3	0.41	27	1.08	0.19	0.21	0.36	4 5 6 7A 7B 8
	1" Grille And Over	1 2 3	0.41	26	1.08	0.19	0.19	0.31	4 5 6 7A 7B 8
Triple									
	None	1 2	0.41	29	1.87	0.33	0.53	0.57	4 5 6 7A 7B 8
	Under 1" SDL	1	0.41	25	1.87	0.33	0.47	0.5	4 5 6 7A
	1" SDL And Over	No/non	0.41	22	1.87	0.33	0.41	0.43	4 5
	Under 1" Grille	1	0.41	25	1.87	0.33	0.47	0.5	4 5 6 7A
	1" Grille And Over	No/non	0.41	22	1.87	0.33	0.41	0.43	4 5


Legend:

Standards: U-Values = NFRC 100-1;

SHGC (Solar Heat Gain Coefficient) / VT (Visible Transmittance) = NFRC 200-1