

# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 1500 WOOD/METAL CLAD SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
1500	Rectangle	Awning	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.41	33	0.48	0.16
1500	Rectangle	Awning	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.38	32	0.43	0.16
1500	Rectangle	Awning	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.38	32	0.43	0.16
1500	Rectangle	Awning	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.34	29	0.39	0.16
1500	Rectangle	Awning	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.34	29	0.39	0.16
1500	Rectangle	Awning	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.38	35	0.46	0.16
1500	Rectangle	Awning	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.34	33	0.42	0.16
1500	Rectangle	Awning	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.34	33	0.42	0.16
1500	Rectangle	Awning	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	31	0.37	0.16
1500	Rectangle	Awning	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	31	0.37	0.16
1500	Rectangle	Awning	HS5	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	0.16
1500	Rectangle	Awning	HS5	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	20	0.38	0.16
1500	Rectangle	Awning	HS5	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	20	0.38	0.16
1500	Rectangle	Awning	HS5	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	19	0.34	0.16
1500	Rectangle	Awning	HS5	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	19	0.34	0.16
1500	Rectangle	Awning	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.36	0.16
1500	Rectangle	Awning	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.19	25	0.33	0.16
1500	Rectangle	Awning	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.19	25	0.33	0.16
1500	Rectangle	Awning	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.18	25	0.29	0.16
1500	Rectangle	Awning	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.18	25	0.29	0.16
1500	Rectangle	Awning	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.87	0.33	0.47	26	0.5	0.16
1500	Rectangle	Awning	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.87	0.33	0.43	23	0.45	0.16
1500	Rectangle	Awning	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.87	0.33	0.43	23	0.45	0.16
1500	Rectangle	Awning	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.87	0.33	0.39	21	0.4	0.16
1500	Rectangle	Awning	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.87	0.33	0.39	21	0.4	0.16
1500	Rectangle	Casement	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.41	32	0.48	0.2
1500	Rectangle	Casement	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.38	30	0.43	0.2
1500	Rectangle	Casement	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.38	30	0.43	0.2
1500	Rectangle	Casement	HS2	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.34	28	0.39	0.2
1500	Rectangle	Casement	HS2	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.34	28	0.39	0.2
1500	Rectangle	Casement	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.38	34	0.46	0.2
1500	Rectangle	Casement	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.34	32	0.42	0.2
1500	Rectangle	Casement	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.34	32	0.42	0.2
1500	Rectangle	Casement	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.31	30	0.37	0.2
1500	Rectangle	Casement	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.31	30	0.37	0.2
1500	Rectangle	Casement	HS5	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	0.2
1500	Rectangle	Casement	HS5	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	20	0.38	0.2
1500	Rectangle	Casement	HS5	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	20	0.38	0.2
1500	Rectangle	Casement	HS5	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	19	0.34	0.2
1500	Rectangle	Casement	HS5	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	19	0.34	0.2
1500	Rectangle	Casement	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.21	25	0.36	0.2
1500	Rectangle	Casement	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	24	0.33	0.2
1500	Rectangle	Casement	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	24	0.33	0.2
1500	Rectangle	Casement	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	24	0.29	0.2
1500	Rectangle	Casement	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	24	0.29	0.2
1500	Rectangle	Casement	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.87	0.33	0.47	26	0.5	0.2
1500	Rectangle	Casement	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.87	0.33	0.43	23	0.45	0.2
1500	Rectangle	Casement	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.87	0.33	0.43	23	0.45	0.2
1500	Rectangle	Casement	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.87	0.33	0.39	21	0.4	0.2
1500	Rectangle	Casement	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.87	0.33	0.39	21	0.4	0.2



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 1500 WOOD/METAL CLAD SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
1500	Rectangle	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.41	32	0.48	0.23
1500	Rectangle	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.38	30	0.43	0.23
1500	Rectangle	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.38	30	0.43	0.23
1500	Rectangle	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.34	28	0.39	0.23
1500	Rectangle	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.34	28	0.39	0.23
1500	Rectangle	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.38	34	0.46	0.23
1500	Rectangle	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.34	32	0.42	0.23
1500	Rectangle	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.34	32	0.42	0.23
1500	Rectangle	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.31	30	0.37	0.23
1500	Rectangle	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.31	30	0.37	0.23
1500	Rectangle	Fixed	HS5	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	0.23
1500	Rectangle	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	20	0.38	0.23
1500	Rectangle	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	20	0.38	0.23
1500	Rectangle	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	19	0.34	0.23
1500	Rectangle	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	19	0.34	0.23
1500	Rectangle	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.21	25	0.36	0.23
1500	Rectangle	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	24	0.33	0.23
1500	Rectangle	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	24	0.33	0.23
1500	Rectangle	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	24	0.29	0.23
1500	Rectangle	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	24	0.29	0.23
1500	Rectangle	Fixed	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.87	0.33	0.47	26	0.5	0.23
1500	Rectangle	Fixed	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.87	0.33	0.43	23	0.45	0.23
1500	Rectangle	Fixed	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.87	0.33	0.43	23	0.45	0.23
1500	Rectangle	Fixed	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.87	0.33	0.39	21	0.4	0.23
1500	Rectangle	Fixed	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.87	0.33	0.39	21	0.4	0.23



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2100 TERRANO SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2100	Rectangle	Awning	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.44	33	0.51	0.09
2100	Rectangle	Awning	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	0.09
2100	Rectangle	Awning	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	0.09
2100	Rectangle	Awning	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	0.09
2100	Rectangle	Awning	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	0.09
2100	Rectangle	Awning	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.5	0.09
2100	Rectangle	Awning	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	0.09
2100	Rectangle	Awning	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	0.09
2100	Rectangle	Awning	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	0.09
2100	Rectangle	Awning	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	0.09
2100	Rectangle	Awning	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	0.09
2100	Rectangle	Awning	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	0.09
2100	Rectangle	Awning	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	0.09
2100	Rectangle	Awning	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	0.09
2100	Rectangle	Awning	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	0.09
2100	Rectangle	Awning	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.36	39	0.45	0.09
2100	Rectangle	Awning	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	0.09
2100	Rectangle	Awning	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	0.09
2100	Rectangle	Awning	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	0.09
2100	Rectangle	Awning	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	0.09
2100	Rectangle	Awning	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.24	21	0.45	0.09
2100	Rectangle	Awning	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	20	0.4	0.09
2100	Rectangle	Awning	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	20	0.4	0.09
2100	Rectangle	Awning	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	19	0.36	0.09
2100	Rectangle	Awning	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	19	0.36	0.09
2100	Rectangle	Awning	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.09
2100	Rectangle	Awning	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	24	0.4	0.09
2100	Rectangle	Awning	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	24	0.4	0.09
2100	Rectangle	Awning	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.35	0.09
2100	Rectangle	Awning	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.35	0.09
2100	Rectangle	Awning	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.41	0.09
2100	Rectangle	Awning	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	0.09
2100	Rectangle	Awning	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	0.09
2100	Rectangle	Awning	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	0.09
2100	Rectangle	Awning	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	0.09
2100	Rectangle	Awning	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.35	0.09
2100	Rectangle	Awning	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	0.09
2100	Rectangle	Awning	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	0.09
2100	Rectangle	Awning	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	0.09
2100	Rectangle	Awning	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	0.09
2100	Rectangle	Awning	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.45	30	0.48	0.09
2100	Rectangle	Awning	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	0.09
2100	Rectangle	Awning	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	0.09
2100	Rectangle	Awning	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	0.09
2100	Rectangle	Awning	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	0.09
2100	Rectangle	Casement	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.44	33	0.51	0.07
2100	Rectangle	Casement	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	0.09
2100	Rectangle	Casement	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	0.09
2100	Rectangle	Casement	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	0.09
2100	Rectangle	Casement	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	0.09



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2100 TERRANO SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2100	Rectangle	Casement	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.5	0.09
2100	Rectangle	Casement	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	0.09
2100	Rectangle	Casement	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	0.09
2100	Rectangle	Casement	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	0.09
2100	Rectangle	Casement	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	0.09
2100	Rectangle	Casement	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	0.09
2100	Rectangle	Casement	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	0.09
2100	Rectangle	Casement	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	0.09
2100	Rectangle	Casement	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	0.09
2100	Rectangle	Casement	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	0.09
2100	Rectangle	Casement	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.36	39	0.45	0.09
2100	Rectangle	Casement	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	0.09
2100	Rectangle	Casement	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	0.09
2100	Rectangle	Casement	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	0.09
2100	Rectangle	Casement	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	0.09
2100	Rectangle	Casement	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.45	0.09
2100	Rectangle	Casement	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.22	21	0.4	0.09
2100	Rectangle	Casement	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.22	21	0.4	0.09
2100	Rectangle	Casement	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.2	20	0.36	0.09
2100	Rectangle	Casement	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.2	20	0.36	0.09
2100	Rectangle	Casement	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	0.09
2100	Rectangle	Casement	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.09
2100	Rectangle	Casement	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.09
2100	Rectangle	Casement	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.35	0.09
2100	Rectangle	Casement	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.35	0.09
2100	Rectangle	Casement	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.41	0.09
2100	Rectangle	Casement	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	0.09
2100	Rectangle	Casement	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	0.09
2100	Rectangle	Casement	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	0.09
2100	Rectangle	Casement	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	0.09
2100	Rectangle	Casement	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.35	0.09
2100	Rectangle	Casement	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	0.09
2100	Rectangle	Casement	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	0.09
2100	Rectangle	Casement	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	0.09
2100	Rectangle	Casement	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	0.09
2100	Rectangle	Casement	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.45	30	0.48	0.09
2100	Rectangle	Casement	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	0.09
2100	Rectangle	Casement	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	0.09
2100	Rectangle	Casement	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	0.09
2100	Rectangle	Casement	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	0.09
2100	Rectangle	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.53	38	0.61	0.07
2100	Rectangle	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	0.07
2100	Rectangle	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	0.07
2100	Rectangle	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	0.07
2100	Rectangle	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	0.07
2100	Rectangle	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.6	0.07
2100	Rectangle	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	0.07
2100	Rectangle	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	0.07
2100	Rectangle	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	0.07
2100	Rectangle	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	0.07



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2100 TERRANO SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2100	Rectangle	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.07
2100	Rectangle	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.07
2100	Rectangle	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.07
2100	Rectangle	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	0.07
2100	Rectangle	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	0.07
2100	Rectangle	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.43	45	0.54	0.07
2100	Rectangle	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	0.07
2100	Rectangle	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	0.07
2100	Rectangle	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	0.07
2100	Rectangle	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	0.07
2100	Rectangle	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	26	0.54	0.07
2100	Rectangle	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	0.07
2100	Rectangle	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	0.07
2100	Rectangle	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	0.07
2100	Rectangle	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	0.07
2100	Rectangle	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.28	29	0.53	0.07
2100	Rectangle	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	0.07
2100	Rectangle	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	0.07
2100	Rectangle	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	0.07
2100	Rectangle	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	0.07
2100	Rectangle	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.49	0.07
2100	Rectangle	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.07
2100	Rectangle	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.07
2100	Rectangle	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	0.07
2100	Rectangle	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	0.07
2100	Rectangle	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.24	34	0.42	0.07
2100	Rectangle	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	0.07
2100	Rectangle	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	0.07
2100	Rectangle	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	0.07
2100	Rectangle	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	0.07
2100	Rectangle	Fixed	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.58	0.07
2100	Rectangle	Fixed	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.07
2100	Rectangle	Fixed	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.07
2100	Rectangle	Fixed	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	0.07
2100	Rectangle	Fixed	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	0.07
2100	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.59	41	0.68	0.06
2100	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	0.06
2100	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	0.06
2100	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	0.06
2100	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	0.06
2100	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.54	44	0.67	0.06
2100	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	0.06
2100	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	0.06
2100	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	0.06
2100	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	0.06
2100	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.53	46	0.63	0.06
2100	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.06
2100	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.06
2100	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.06
2100	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.06



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2100 TERRANO SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015	2020	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
					9.36 CODE ZONES (AB, MB, SK, ON)	9.36 CODE ZONES (AB, MB, SK, ON)							
2100	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.6	0.06
2100	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	0.06
2100	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	0.06
2100	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	0.06
2100	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	0.06
2100	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.06
2100	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	0.06
2100	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	0.06
2100	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	0.06
2100	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	0.06
2100	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	32	0.59	0.06
2100	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	0.06
2100	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	0.06
2100	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	0.06
2100	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	0.06
2100	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.55	0.06
2100	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.06
2100	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.06
2100	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.06
2100	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.06
2100	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.27	38	0.47	0.06
2100	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	0.06
2100	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	0.06
2100	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	0.06
2100	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	0.06
2100	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.61	37	0.65	0.06
2100	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	0.06
2100	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	0.06
2100	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.06
2100	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.06



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2100 TERRANO SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2100	Polygon	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.53	38	0.61	0.07
2100	Polygon	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	0.07
2100	Polygon	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	0.07
2100	Polygon	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	0.07
2100	Polygon	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	0.07
2100	Polygon	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.6	0.07
2100	Polygon	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	0.07
2100	Polygon	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	0.07
2100	Polygon	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	0.07
2100	Polygon	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	0.07
2100	Polygon	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.07
2100	Polygon	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.07
2100	Polygon	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.07
2100	Polygon	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	0.07
2100	Polygon	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	0.07
2100	Polygon	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.43	45	0.54	0.07
2100	Polygon	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	0.07
2100	Polygon	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	0.07
2100	Polygon	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	0.07
2100	Polygon	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	0.07
2100	Polygon	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	26	0.54	0.07
2100	Polygon	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	0.07
2100	Polygon	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	0.07
2100	Polygon	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	0.07
2100	Polygon	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	0.07
2100	Polygon	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.28	29	0.53	0.07
2100	Polygon	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	0.07
2100	Polygon	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	0.07
2100	Polygon	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	0.07
2100	Polygon	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	0.07
2100	Polygon	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.49	0.07
2100	Polygon	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.07
2100	Polygon	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.07
2100	Polygon	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	0.07
2100	Polygon	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	0.07
2100	Polygon	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.24	34	0.42	0.07
2100	Polygon	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	0.07
2100	Polygon	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	0.07
2100	Polygon	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	0.07
2100	Polygon	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	0.07
2100	Polygon	Fixed	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.58	0.07
2100	Polygon	Fixed	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.07
2100	Polygon	Fixed	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.07
2100	Polygon	Fixed	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	0.07
2100	Polygon	Fixed	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	0.07
2100	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.59	41	0.68	0.06
2100	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	0.06
2100	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	0.06
2100	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	0.06
2100	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	0.06



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2100 TERRANO SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2100	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.54	44	0.67	0.06
2100	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	0.06
2100	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	0.06
2100	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	0.06
2100	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	0.06
2100	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.53	46	0.63	0.06
2100	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.06
2100	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.06
2100	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.06
2100	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.06
2100	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.6	0.06
2100	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	0.06
2100	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	0.06
2100	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	0.06
2100	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	0.06
2100	Polygon	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.06
2100	Polygon	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	0.06
2100	Polygon	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	0.06
2100	Polygon	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	0.06
2100	Polygon	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	0.06
2100	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	32	0.59	0.06
2100	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	0.06
2100	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	0.06
2100	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	0.06
2100	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	0.06
2100	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.55	0.06
2100	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.06
2100	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.06
2100	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.06
2100	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.06
2100	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.27	38	0.47	0.06
2100	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	0.06
2100	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	0.06
2100	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	0.06
2100	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	0.06
2100	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.61	37	0.65	0.06
2100	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	0.06
2100	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	0.06
2100	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.06
2100	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.06
2100	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.59	41	0.68	0.06
2100	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	0.06
2100	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	0.06
2100	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	0.06
2100	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	0.06
2100	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.54	44	0.67	0.06
2100	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	0.06
2100	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	0.06
2100	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	0.06
2100	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	0.06



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2100 TERRANO SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015	2020	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
					9.36 CODE ZONES (AB, MB, SK, ON)	9.36 CODE ZONES (AB, MB, SK, ON)							
2100	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.53	46	0.63	0.06
2100	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.06
2100	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	0.06
2100	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.06
2100	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	0.06
2100	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.6	0.06
2100	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	0.06
2100	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	0.06
2100	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	0.06
2100	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	0.06
2100	Radius	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.06
2100	Radius	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	0.06
2100	Radius	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	0.06
2100	Radius	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	0.06
2100	Radius	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	0.06
2100	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	32	0.59	0.06
2100	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	0.06
2100	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	0.06
2100	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	0.06
2100	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	0.06
2100	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.55	0.06
2100	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.06
2100	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.06
2100	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.06
2100	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	0.06
2100	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.27	38	0.47	0.06
2100	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	0.06
2100	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	0.06
2100	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	0.06
2100	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	0.06
2100	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.61	37	0.65	0.06
2100	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	0.06
2100	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	0.06
2100	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.06
2100	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.06



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2200 BASEMENT SERIES / Awning (Hopper) Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2200	Rectangle	Awning	HS1	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.34	28	0.39	0.1
2200	Rectangle	Awning	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.38	30	0.43	0.1
2200	Rectangle	Awning	HS4	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.38	30	0.43	0.1
2200	Rectangle	Awning	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.38	34	0.46	0.1



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700M METRO SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015	2020	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
					9.36 CODE ZONES (AB, MB, SK, ON)	9.36 CODE ZONES (AB, MB, SK, ON)							
2700M	Rectangle	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.4
2700M	Rectangle	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.4
2700M	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.62	42	0.71	0.04
2700M	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	27	0.63	0.04
2700M	Rectangle	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.04
2700M	Rectangle	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Rectangle	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.4
2700	Rectangle	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.4
2700	Rectangle	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.4
2700	Rectangle	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.5	0.4
2700	Rectangle	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.5	0.4
2700	Rectangle	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.5	37	0.62	0.4
2700	Rectangle	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.4
2700	Rectangle	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.4
2700	Rectangle	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.4
2700	Rectangle	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.4
2700	Rectangle	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.58	0.4
2700	Rectangle	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.4
2700	Rectangle	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.4
2700	Rectangle	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.4
2700	Rectangle	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.4
2700	Rectangle	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.45	42	0.56	0.4
2700	Rectangle	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.4	39	0.5	0.4
2700	Rectangle	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.4	39	0.5	0.4
2700	Rectangle	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.36	36	0.44	0.4
2700	Rectangle	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.36	36	0.44	0.4
2700	Rectangle	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.4
2700	Rectangle	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.4
2700	Rectangle	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.4
2700	Rectangle	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.4
2700	Rectangle	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.4
2700	Rectangle	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.55	0.4
2700	Rectangle	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.49	0.4
2700	Rectangle	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.49	0.4
2700	Rectangle	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.4
2700	Rectangle	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.4
2700	Rectangle	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.4
2700	Rectangle	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.4
2700	Rectangle	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.4
2700	Rectangle	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.41	0.4
2700	Rectangle	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.41	0.4
2700	Rectangle	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.44	0.4
2700	Rectangle	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.4
2700	Rectangle	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.4
2700	Rectangle	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.4
2700	Rectangle	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.4
2700	Rectangle	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.6	0.4
2700	Rectangle	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.4
2700	Rectangle	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.4
2700	Rectangle	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.48	0.4
2700	Rectangle	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.48	0.4
2700	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.62	42	0.71	0.04
2700	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.56	39	0.64	0.04
2700	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.56	39	0.64	0.04
2700	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.5	35	0.57	0.04
2700	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.5	35	0.57	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.56	45	0.69	0.04
2700	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.51	42	0.62	0.04
2700	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.51	42	0.62	0.04
2700	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.46	39	0.56	0.04
2700	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.46	39	0.56	0.04
2700	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.55	47	0.65	0.04
2700	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.5	44	0.59	0.04
2700	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.5	44	0.59	0.04
2700	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.45	41	0.52	0.04
2700	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.45	41	0.52	0.04
2700	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.5	50	0.63	0.04
2700	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.46	48	0.56	0.04
2700	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.46	48	0.56	0.04
2700	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.41	45	0.5	0.04
2700	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.41	45	0.5	0.04
2700	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	27	0.63	0.04
2700	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.3	25	0.57	0.04
2700	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.3	25	0.57	0.04
2700	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.51	0.04
2700	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.51	0.04
2700	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.61	0.04
2700	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.3	31	0.55	0.04
2700	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.3	31	0.55	0.04
2700	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	30	0.49	0.04
2700	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	30	0.49	0.04
2700	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.31	33	0.58	0.04
2700	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.28	31	0.52	0.04
2700	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.28	31	0.52	0.04
2700	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.46	0.04
2700	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.46	0.04
2700	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.28	38	0.49	0.04
2700	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.26	36	0.44	0.04
2700	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.26	36	0.44	0.04
2700	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.39	0.04
2700	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.39	0.04
2700	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.63	38	0.68	0.04
2700	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.57	34	0.61	0.04
2700	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.57	34	0.61	0.04
2700	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.51	31	0.54	0.04
2700	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.51	31	0.54	0.04
2700	Rectangle	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.04
2700	Rectangle	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.04
2700	Rectangle	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.04
2700	Rectangle	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.44	29	0.5	0.04
2700	Rectangle	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.44	29	0.5	0.04
2700	Rectangle	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.5	37	0.62	0.04
2700	Rectangle	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.04
2700	Rectangle	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.04
2700	Rectangle	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.04
2700	Rectangle	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015	2020	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
					9.36 CODE ZONES (AB, MB, SK, ON)	9.36 CODE ZONES (AB, MB, SK, ON)							
2700	Rectangle	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.58	0.04
2700	Rectangle	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.04
2700	Rectangle	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.04
2700	Rectangle	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.04
2700	Rectangle	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.04
2700	Rectangle	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.45	43	0.56	0.04
2700	Rectangle	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.04
2700	Rectangle	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.04
2700	Rectangle	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.04
2700	Rectangle	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.04
2700	Rectangle	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.04
2700	Rectangle	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.04
2700	Rectangle	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.04
2700	Rectangle	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.04
2700	Rectangle	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.04
2700	Rectangle	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.55	0.04
2700	Rectangle	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.49	0.04
2700	Rectangle	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.49	0.04
2700	Rectangle	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.04
2700	Rectangle	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.04
2700	Rectangle	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.04
2700	Rectangle	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.04
2700	Rectangle	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.04
2700	Rectangle	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.04
2700	Rectangle	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.04
2700	Rectangle	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	32	0.44	0.04
2700	Rectangle	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.04
2700	Rectangle	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.04
2700	Rectangle	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.04
2700	Rectangle	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.04
2700	Rectangle	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.6	0.04
2700	Rectangle	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.04
2700	Rectangle	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.04
2700	Rectangle	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.48	0.04
2700	Rectangle	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.48	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Polygon	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.4
2700	Polygon	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.4
2700	Polygon	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.4
2700	Polygon	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.5	0.4
2700	Polygon	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.5	0.4
2700	Polygon	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.5	37	0.62	0.4
2700	Polygon	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.4
2700	Polygon	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.4
2700	Polygon	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.4
2700	Polygon	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.4
2700	Polygon	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.58	0.4
2700	Polygon	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.4
2700	Polygon	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.4
2700	Polygon	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.4
2700	Polygon	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.4
2700	Polygon	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.45	42	0.56	0.4
2700	Polygon	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.4	39	0.5	0.4
2700	Polygon	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.4	39	0.5	0.4
2700	Polygon	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.36	36	0.44	0.4
2700	Polygon	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.36	36	0.44	0.4
2700	Polygon	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.4
2700	Polygon	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.4
2700	Polygon	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.4
2700	Polygon	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.4
2700	Polygon	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.4
2700	Polygon	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.55	0.4
2700	Polygon	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.49	0.4
2700	Polygon	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.49	0.4
2700	Polygon	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.4
2700	Polygon	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.4
2700	Polygon	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.4
2700	Polygon	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.4
2700	Polygon	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.4
2700	Polygon	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.41	0.4
2700	Polygon	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.41	0.4
2700	Polygon	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.44	0.4
2700	Polygon	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.4
2700	Polygon	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.4
2700	Polygon	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.4
2700	Polygon	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.4
2700	Polygon	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.6	0.4
2700	Polygon	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.4
2700	Polygon	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.4
2700	Polygon	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.48	0.4
2700	Polygon	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.48	0.4
2700	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.62	42	0.71	0.04
2700	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.56	39	0.64	0.04
2700	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.56	39	0.64	0.04
2700	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.5	35	0.57	0.04
2700	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.5	35	0.57	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.56	45	0.69	0.04
2700	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.51	42	0.62	0.04
2700	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.51	42	0.62	0.04
2700	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.46	39	0.56	0.04
2700	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.46	39	0.56	0.04
2700	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.55	47	0.65	0.04
2700	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.5	44	0.59	0.04
2700	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.5	44	0.59	0.04
2700	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.45	41	0.52	0.04
2700	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.45	41	0.52	0.04
2700	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.5	50	0.63	0.04
2700	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.46	48	0.56	0.04
2700	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.46	48	0.56	0.04
2700	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.41	45	0.5	0.04
2700	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.41	45	0.5	0.04
2700	Polygon	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	27	0.63	0.04
2700	Polygon	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.3	25	0.57	0.04
2700	Polygon	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.3	25	0.57	0.04
2700	Polygon	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.51	0.04
2700	Polygon	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.51	0.04
2700	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.61	0.04
2700	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.3	31	0.55	0.04
2700	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.3	31	0.55	0.04
2700	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	30	0.49	0.04
2700	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	30	0.49	0.04
2700	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.31	33	0.58	0.04
2700	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.28	31	0.52	0.04
2700	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.28	31	0.52	0.04
2700	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.46	0.04
2700	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.46	0.04
2700	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.28	38	0.49	0.04
2700	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.26	36	0.44	0.04
2700	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.26	36	0.44	0.04
2700	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.39	0.04
2700	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.39	0.04
2700	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.63	38	0.68	0.04
2700	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.57	34	0.61	0.04
2700	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.57	34	0.61	0.04
2700	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.51	31	0.54	0.04
2700	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.51	31	0.54	0.04
2700	Polygon	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.04
2700	Polygon	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.04
2700	Polygon	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.04
2700	Polygon	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.44	29	0.5	0.04
2700	Polygon	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.44	29	0.5	0.04
2700	Polygon	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.5	37	0.62	0.04
2700	Polygon	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.04
2700	Polygon	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.04
2700	Polygon	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.04
2700	Polygon	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Polygon	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.58	0.04
2700	Polygon	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.04
2700	Polygon	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.04
2700	Polygon	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.04
2700	Polygon	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.04
2700	Polygon	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.45	43	0.56	0.04
2700	Polygon	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.04
2700	Polygon	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.04
2700	Polygon	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.04
2700	Polygon	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.04
2700	Polygon	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.04
2700	Polygon	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.04
2700	Polygon	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.04
2700	Polygon	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.04
2700	Polygon	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.04
2700	Polygon	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.55	0.04
2700	Polygon	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.49	0.04
2700	Polygon	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.49	0.04
2700	Polygon	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.04
2700	Polygon	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.04
2700	Polygon	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.04
2700	Polygon	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.04
2700	Polygon	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.04
2700	Polygon	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.04
2700	Polygon	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.04
2700	Polygon	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	32	0.44	0.04
2700	Polygon	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.04
2700	Polygon	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.04
2700	Polygon	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.04
2700	Polygon	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.04
2700	Polygon	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.6	0.04
2700	Polygon	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.04
2700	Polygon	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.04
2700	Polygon	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.48	0.04
2700	Polygon	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.48	0.04
2700	Radius	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.4
2700	Radius	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.4
2700	Radius	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.4
2700	Radius	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.5	0.4
2700	Radius	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.5	0.4
2700	Radius	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.5	37	0.62	0.4
2700	Radius	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.4
2700	Radius	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.4
2700	Radius	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.4
2700	Radius	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.4
2700	Radius	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.58	0.4
2700	Radius	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.4
2700	Radius	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.4
2700	Radius	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.4
2700	Radius	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.4



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Radius	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.45	42	0.56	0.4
2700	Radius	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.4	39	0.5	0.4
2700	Radius	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.4	39	0.5	0.4
2700	Radius	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.36	36	0.44	0.4
2700	Radius	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.36	36	0.44	0.4
2700	Radius	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.4
2700	Radius	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.4
2700	Radius	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.4
2700	Radius	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.4
2700	Radius	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.4
2700	Radius	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.55	0.4
2700	Radius	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.49	0.4
2700	Radius	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.49	0.4
2700	Radius	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.4
2700	Radius	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.4
2700	Radius	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.4
2700	Radius	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.4
2700	Radius	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.4
2700	Radius	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.41	0.4
2700	Radius	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.41	0.4
2700	Radius	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.44	0.4
2700	Radius	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.4
2700	Radius	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.4
2700	Radius	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.4
2700	Radius	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.4
2700	Radius	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.6	0.4
2700	Radius	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.4
2700	Radius	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.4
2700	Radius	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.48	0.4
2700	Radius	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.48	0.4
2700	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.62	42	0.71	0.04
2700	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.56	39	0.64	0.04
2700	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.56	39	0.64	0.04
2700	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.5	35	0.57	0.04
2700	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.5	35	0.57	0.04
2700	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.56	45	0.69	0.04
2700	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.51	42	0.62	0.04
2700	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.51	42	0.62	0.04
2700	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.46	39	0.56	0.04
2700	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.46	39	0.56	0.04
2700	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.55	47	0.65	0.04
2700	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.5	44	0.59	0.04
2700	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.5	44	0.59	0.04
2700	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.45	41	0.52	0.04
2700	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.45	41	0.52	0.04
2700	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.5	50	0.63	0.04
2700	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.46	48	0.56	0.04
2700	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.46	48	0.56	0.04
2700	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.41	45	0.5	0.04
2700	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.41	45	0.5	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Radius	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	27	0.63	0.04
2700	Radius	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.3	25	0.57	0.04
2700	Radius	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.3	25	0.57	0.04
2700	Radius	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.51	0.04
2700	Radius	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.51	0.04
2700	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.61	0.04
2700	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.3	31	0.55	0.04
2700	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.3	31	0.55	0.04
2700	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	30	0.49	0.04
2700	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	30	0.49	0.04
2700	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.31	33	0.58	0.04
2700	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.28	31	0.52	0.04
2700	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.28	31	0.52	0.04
2700	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.46	0.04
2700	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.46	0.04
2700	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.28	38	0.49	0.04
2700	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.26	36	0.44	0.04
2700	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.26	36	0.44	0.04
2700	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.39	0.04
2700	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.39	0.04
2700	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.63	38	0.68	0.04
2700	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.57	34	0.61	0.04
2700	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.57	34	0.61	0.04
2700	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.51	31	0.54	0.04
2700	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.51	31	0.54	0.04
2700	Radius	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.55	35	0.63	0.04
2700	Radius	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.04
2700	Radius	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.04
2700	Radius	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.44	29	0.5	0.04
2700	Radius	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.44	29	0.5	0.04
2700	Radius	Slider	HSIV	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.5	37	0.62	0.04
2700	Radius	Slider	HSIV	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.04
2700	Radius	Slider	HSIV	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.45	34	0.55	0.04
2700	Radius	Slider	HSIV	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.04
2700	Radius	Slider	HSIV	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.49	0.04
2700	Radius	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.58	0.04
2700	Radius	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.04
2700	Radius	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	36	0.52	0.04
2700	Radius	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.04
2700	Radius	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.46	0.04
2700	Radius	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.45	43	0.56	0.04
2700	Radius	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.04
2700	Radius	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.04
2700	Radius	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.04
2700	Radius	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.04
2700	Radius	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.56	0.04
2700	Radius	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.04
2700	Radius	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.27	20	0.5	0.04
2700	Radius	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.04
2700	Radius	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2700 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2700	Radius	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.55	0.04
2700	Radius	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.49	0.04
2700	Radius	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.49	0.04
2700	Radius	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.04
2700	Radius	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.24	23	0.43	0.04
2700	Radius	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.04
2700	Radius	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.04
2700	Radius	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	25	0.46	0.04
2700	Radius	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.04
2700	Radius	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.04
2700	Radius	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	32	0.44	0.04
2700	Radius	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.04
2700	Radius	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.23	30	0.39	0.04
2700	Radius	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.04
2700	Radius	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.04
2700	Radius	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.6	0.04
2700	Radius	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.04
2700	Radius	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.51	29	0.54	0.04
2700	Radius	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.48	0.04
2700	Radius	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.48	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Rectangle	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.4
2750	Rectangle	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
2750	Rectangle	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
2750	Rectangle	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
2750	Rectangle	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
2750	Rectangle	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.49	38	0.6	0.4
2750	Rectangle	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
2750	Rectangle	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
2750	Rectangle	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
2750	Rectangle	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
2750	Rectangle	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.4
2750	Rectangle	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
2750	Rectangle	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
2750	Rectangle	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
2750	Rectangle	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
2750	Rectangle	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.4
2750	Rectangle	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
2750	Rectangle	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
2750	Rectangle	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
2750	Rectangle	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
2750	Rectangle	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.4
2750	Rectangle	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
2750	Rectangle	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
2750	Rectangle	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
2750	Rectangle	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
2750	Rectangle	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.4
2750	Rectangle	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
2750	Rectangle	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
2750	Rectangle	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
2750	Rectangle	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
2750	Rectangle	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.4
2750	Rectangle	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
2750	Rectangle	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
2750	Rectangle	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
2750	Rectangle	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
2750	Rectangle	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.42	0.4
2750	Rectangle	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
2750	Rectangle	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
2750	Rectangle	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
2750	Rectangle	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
2750	Rectangle	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.4
2750	Rectangle	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
2750	Rectangle	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
2750	Rectangle	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
2750	Rectangle	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
2750	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.04
2750	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
2750	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
2750	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
2750	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.04
2750	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
2750	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
2750	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
2750	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
2750	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.04
2750	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
2750	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
2750	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
2750	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
2750	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.61	0.04
2750	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
2750	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
2750	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
2750	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
2750	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.04
2750	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
2750	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
2750	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
2750	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
2750	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.04
2750	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
2750	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
2750	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
2750	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
2750	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.04
2750	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
2750	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
2750	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
2750	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
2750	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.04
2750	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
2750	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
2750	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
2750	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
2750	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.04
2750	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
2750	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
2750	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
2750	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
2750	Rectangle	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.04
2750	Rectangle	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
2750	Rectangle	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
2750	Rectangle	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
2750	Rectangle	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
2750	Rectangle	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.04
2750	Rectangle	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
2750	Rectangle	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
2750	Rectangle	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
2750	Rectangle	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015	2020	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
					9.36 CODE ZONES (AB, MB, SK, ON)	9.36 CODE ZONES (AB, MB, SK, ON)							
2750	Rectangle	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.04
2750	Rectangle	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
2750	Rectangle	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
2750	Rectangle	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
2750	Rectangle	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
2750	Rectangle	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.04
2750	Rectangle	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
2750	Rectangle	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
2750	Rectangle	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
2750	Rectangle	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
2750	Rectangle	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.04
2750	Rectangle	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
2750	Rectangle	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
2750	Rectangle	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
2750	Rectangle	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
2750	Rectangle	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.04
2750	Rectangle	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
2750	Rectangle	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
2750	Rectangle	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
2750	Rectangle	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
2750	Rectangle	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.04
2750	Rectangle	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
2750	Rectangle	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
2750	Rectangle	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
2750	Rectangle	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
2750	Rectangle	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.24	31	0.42	0.04
2750	Rectangle	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
2750	Rectangle	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
2750	Rectangle	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
2750	Rectangle	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
2750	Rectangle	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.04
2750	Rectangle	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
2750	Rectangle	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
2750	Rectangle	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
2750	Rectangle	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Polygon	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.4
2750	Polygon	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
2750	Polygon	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
2750	Polygon	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
2750	Polygon	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
2750	Polygon	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.49	38	0.6	0.4
2750	Polygon	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
2750	Polygon	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
2750	Polygon	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
2750	Polygon	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
2750	Polygon	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.4
2750	Polygon	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
2750	Polygon	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
2750	Polygon	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
2750	Polygon	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
2750	Polygon	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.4
2750	Polygon	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
2750	Polygon	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
2750	Polygon	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
2750	Polygon	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
2750	Polygon	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.4
2750	Polygon	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
2750	Polygon	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
2750	Polygon	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
2750	Polygon	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
2750	Polygon	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.4
2750	Polygon	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
2750	Polygon	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
2750	Polygon	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
2750	Polygon	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
2750	Polygon	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.4
2750	Polygon	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
2750	Polygon	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
2750	Polygon	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
2750	Polygon	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
2750	Polygon	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.42	0.4
2750	Polygon	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
2750	Polygon	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
2750	Polygon	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
2750	Polygon	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
2750	Polygon	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.4
2750	Polygon	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
2750	Polygon	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
2750	Polygon	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
2750	Polygon	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
2750	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.04
2750	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
2750	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
2750	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
2750	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.04
2750	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
2750	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
2750	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
2750	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
2750	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.04
2750	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
2750	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
2750	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
2750	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
2750	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.61	0.04
2750	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
2750	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
2750	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
2750	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
2750	Polygon	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.04
2750	Polygon	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
2750	Polygon	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
2750	Polygon	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
2750	Polygon	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
2750	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.04
2750	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
2750	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
2750	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
2750	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
2750	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.04
2750	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
2750	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
2750	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
2750	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
2750	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.04
2750	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
2750	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
2750	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
2750	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
2750	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.04
2750	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
2750	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
2750	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
2750	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
2750	Polygon	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.04
2750	Polygon	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
2750	Polygon	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
2750	Polygon	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
2750	Polygon	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
2750	Polygon	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.04
2750	Polygon	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
2750	Polygon	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
2750	Polygon	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
2750	Polygon	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Polygon	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.04
2750	Polygon	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
2750	Polygon	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
2750	Polygon	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
2750	Polygon	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
2750	Polygon	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.04
2750	Polygon	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
2750	Polygon	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
2750	Polygon	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
2750	Polygon	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
2750	Polygon	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.04
2750	Polygon	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
2750	Polygon	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
2750	Polygon	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
2750	Polygon	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
2750	Polygon	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.04
2750	Polygon	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
2750	Polygon	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
2750	Polygon	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
2750	Polygon	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
2750	Polygon	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.04
2750	Polygon	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
2750	Polygon	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
2750	Polygon	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
2750	Polygon	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
2750	Polygon	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.24	31	0.42	0.04
2750	Polygon	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
2750	Polygon	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
2750	Polygon	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
2750	Polygon	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
2750	Polygon	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.04
2750	Polygon	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
2750	Polygon	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
2750	Polygon	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
2750	Polygon	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
2750	Radius	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.4
2750	Radius	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
2750	Radius	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
2750	Radius	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
2750	Radius	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
2750	Radius	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.49	38	0.6	0.4
2750	Radius	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
2750	Radius	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
2750	Radius	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
2750	Radius	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
2750	Radius	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.4
2750	Radius	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
2750	Radius	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
2750	Radius	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
2750	Radius	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Radius	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.4
2750	Radius	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
2750	Radius	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
2750	Radius	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
2750	Radius	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
2750	Radius	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.4
2750	Radius	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
2750	Radius	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
2750	Radius	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
2750	Radius	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
2750	Radius	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.4
2750	Radius	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
2750	Radius	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
2750	Radius	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
2750	Radius	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
2750	Radius	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.4
2750	Radius	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
2750	Radius	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
2750	Radius	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
2750	Radius	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
2750	Radius	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.42	0.4
2750	Radius	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
2750	Radius	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
2750	Radius	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
2750	Radius	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
2750	Radius	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.4
2750	Radius	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
2750	Radius	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
2750	Radius	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
2750	Radius	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
2750	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.04
2750	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
2750	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
2750	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
2750	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
2750	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.04
2750	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
2750	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
2750	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
2750	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
2750	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.04
2750	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
2750	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
2750	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
2750	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
2750	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.61	0.04
2750	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
2750	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
2750	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
2750	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Radius	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.04
2750	Radius	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
2750	Radius	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
2750	Radius	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
2750	Radius	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
2750	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.04
2750	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
2750	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
2750	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
2750	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
2750	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.04
2750	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
2750	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
2750	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
2750	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
2750	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.04
2750	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
2750	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
2750	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
2750	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
2750	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.04
2750	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
2750	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
2750	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
2750	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
2750	Radius	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.04
2750	Radius	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
2750	Radius	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
2750	Radius	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
2750	Radius	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
2750	Radius	Slider	HSIV	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.04
2750	Radius	Slider	HSIV	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
2750	Radius	Slider	HSIV	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
2750	Radius	Slider	HSIV	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
2750	Radius	Slider	HSIV	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
2750	Radius	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.04
2750	Radius	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
2750	Radius	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
2750	Radius	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
2750	Radius	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
2750	Radius	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.04
2750	Radius	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
2750	Radius	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
2750	Radius	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
2750	Radius	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
2750	Radius	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.04
2750	Radius	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
2750	Radius	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
2750	Radius	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
2750	Radius	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 2750 TERRA SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
2750	Radius	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.04
2750	Radius	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
2750	Radius	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
2750	Radius	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
2750	Radius	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
2750	Radius	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.04
2750	Radius	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
2750	Radius	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
2750	Radius	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
2750	Radius	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
2750	Radius	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.24	31	0.42	0.04
2750	Radius	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
2750	Radius	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
2750	Radius	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
2750	Radius	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
2750	Radius	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.04
2750	Radius	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
2750	Radius	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
2750	Radius	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
2750	Radius	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 5600 BASEMENT SERIES / Awning (Hopper) Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
5600	Rectangle	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.53	32	0.61	0.57
5600	Rectangle	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	29	0.55	0.57
5600	Rectangle	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	26	0.48	0.57
5600	Rectangle	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.48	35	0.6	0.57
5600	Rectangle	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.43	33	0.53	0.57
5600	Rectangle	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	30	0.47	0.57
5600	Rectangle	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.57
5600	Rectangle	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.57
5600	Rectangle	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.38	32	0.44	0.57
5600	Rectangle	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.57
5600	Rectangle	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.57
5600	Rectangle	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	35	0.43	0.57
5600	Rectangle	Slider	HS4	None	4, 5	4, 5	No	1.65	0.29	0.29	19	0.54	0.57
5600	Rectangle	Slider	HS4	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.26	18	0.48	0.57
5600	Rectangle	Slider	HS4	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.23	16	0.43	0.57
5600	Rectangle	Slider	HS4V	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.28	24	0.53	0.57
5600	Rectangle	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.25	22	0.47	0.57
5600	Rectangle	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	21	0.42	0.57
5600	Rectangle	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.57
5600	Rectangle	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.57
5600	Rectangle	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.57
5600	Rectangle	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.24	30	0.42	0.57
5600	Rectangle	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	29	0.38	0.57
5600	Rectangle	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.57
5600	Rectangle	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.58	0.57
5600	Rectangle	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	27	0.52	0.57
5600	Rectangle	Slider	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.82	0.32	0.44	24	0.46	0.57



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6100 ASCENT SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6100	Rectangle	Awning	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.44	33	0.51	
6100	Rectangle	Awning	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	
6100	Rectangle	Awning	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	
6100	Rectangle	Awning	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	
6100	Rectangle	Awning	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	
6100	Rectangle	Awning	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.5	
6100	Rectangle	Awning	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	
6100	Rectangle	Awning	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	
6100	Rectangle	Awning	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	
6100	Rectangle	Awning	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	
6100	Rectangle	Awning	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	
6100	Rectangle	Awning	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	
6100	Rectangle	Awning	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	
6100	Rectangle	Awning	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	
6100	Rectangle	Awning	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	
6100	Rectangle	Awning	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.36	39	0.45	
6100	Rectangle	Awning	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	
6100	Rectangle	Awning	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	
6100	Rectangle	Awning	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	
6100	Rectangle	Awning	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	
6100	Rectangle	Awning	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.24	21	0.45	
6100	Rectangle	Awning	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	20	0.4	
6100	Rectangle	Awning	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	20	0.4	
6100	Rectangle	Awning	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	19	0.36	
6100	Rectangle	Awning	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	19	0.36	
6100	Rectangle	Awning	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	
6100	Rectangle	Awning	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	24	0.4	
6100	Rectangle	Awning	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	24	0.4	
6100	Rectangle	Awning	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.35	
6100	Rectangle	Awning	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.35	
6100	Rectangle	Awning	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.41	
6100	Rectangle	Awning	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	
6100	Rectangle	Awning	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	
6100	Rectangle	Awning	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	
6100	Rectangle	Awning	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	
6100	Rectangle	Awning	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.35	
6100	Rectangle	Awning	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	
6100	Rectangle	Awning	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	
6100	Rectangle	Awning	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	
6100	Rectangle	Awning	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	
6100	Rectangle	Awning	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.45	30	0.48	
6100	Rectangle	Awning	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	
6100	Rectangle	Awning	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	
6100	Rectangle	Awning	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	
6100	Rectangle	Awning	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	
6100	Rectangle	Casement	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.44	33	0.51	
6100	Rectangle	Casement	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	
6100	Rectangle	Casement	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	
6100	Rectangle	Casement	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	
6100	Rectangle	Casement	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.41	



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6100 ASCENT SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6100	Rectangle	Casement	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.4	34	0.5	
6100	Rectangle	Casement	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	
6100	Rectangle	Casement	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	
6100	Rectangle	Casement	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	
6100	Rectangle	Casement	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	30	0.4	
6100	Rectangle	Casement	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	
6100	Rectangle	Casement	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	
6100	Rectangle	Casement	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	35	0.42	
6100	Rectangle	Casement	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	
6100	Rectangle	Casement	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	33	0.38	
6100	Rectangle	Casement	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.36	39	0.45	
6100	Rectangle	Casement	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	
6100	Rectangle	Casement	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.33	38	0.4	
6100	Rectangle	Casement	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	
6100	Rectangle	Casement	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.3	36	0.36	
6100	Rectangle	Casement	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.45	
6100	Rectangle	Casement	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.22	21	0.4	
6100	Rectangle	Casement	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.22	21	0.4	
6100	Rectangle	Casement	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.2	20	0.36	
6100	Rectangle	Casement	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.2	20	0.36	
6100	Rectangle	Casement	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	
6100	Rectangle	Casement	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	
6100	Rectangle	Casement	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	
6100	Rectangle	Casement	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.35	
6100	Rectangle	Casement	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.35	
6100	Rectangle	Casement	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.41	
6100	Rectangle	Casement	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	
6100	Rectangle	Casement	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	
6100	Rectangle	Casement	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	
6100	Rectangle	Casement	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.19	25	0.33	
6100	Rectangle	Casement	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.35	
6100	Rectangle	Casement	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	
6100	Rectangle	Casement	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.19	30	0.32	
6100	Rectangle	Casement	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	
6100	Rectangle	Casement	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.17	28	0.28	
6100	Rectangle	Casement	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.45	30	0.48	
6100	Rectangle	Casement	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	
6100	Rectangle	Casement	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.44	
6100	Rectangle	Casement	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	
6100	Rectangle	Casement	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	
6100	Rectangle	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.53	38	0.61	
6100	Rectangle	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	
6100	Rectangle	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	
6100	Rectangle	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	
6100	Rectangle	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	
6100	Rectangle	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.6	
6100	Rectangle	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	
6100	Rectangle	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	
6100	Rectangle	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	
6100	Rectangle	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6100 ASCENT SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6100	Rectangle	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Rectangle	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Rectangle	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Rectangle	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	
6100	Rectangle	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	
6100	Rectangle	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.43	45	0.54	
6100	Rectangle	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	
6100	Rectangle	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	
6100	Rectangle	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	
6100	Rectangle	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	
6100	Rectangle	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	26	0.54	
6100	Rectangle	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	
6100	Rectangle	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	
6100	Rectangle	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	
6100	Rectangle	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	
6100	Rectangle	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.28	29	0.53	
6100	Rectangle	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	
6100	Rectangle	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	
6100	Rectangle	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	
6100	Rectangle	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	
6100	Rectangle	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.49	
6100	Rectangle	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Rectangle	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Rectangle	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	
6100	Rectangle	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	
6100	Rectangle	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.24	34	0.42	
6100	Rectangle	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	
6100	Rectangle	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	
6100	Rectangle	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	
6100	Rectangle	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	
6100	Rectangle	Fixed	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.58	
6100	Rectangle	Fixed	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	
6100	Rectangle	Fixed	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	
6100	Rectangle	Fixed	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	
6100	Rectangle	Fixed	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	
6100	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.59	41	0.68	
6100	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	
6100	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	
6100	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	
6100	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	
6100	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.54	44	0.67	
6100	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	
6100	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	
6100	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	
6100	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	
6100	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.53	46	0.63	
6100	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6100 ASCENT SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6100	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.6	
6100	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	
6100	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	
6100	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	
6100	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	
6100	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	
6100	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	
6100	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	
6100	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	
6100	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	
6100	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	32	0.59	
6100	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	
6100	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	
6100	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	
6100	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	
6100	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.55	
6100	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	
6100	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	
6100	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.27	38	0.47	
6100	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	
6100	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	
6100	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	
6100	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	
6100	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.61	37	0.65	
6100	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	
6100	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	
6100	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	
6100	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6100 ASCENT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6100	Polygon	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.53	38	0.61	
6100	Polygon	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	
6100	Polygon	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.48	0.26	0.48	35	0.54	
6100	Polygon	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	
6100	Polygon	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.42	32	0.48	
6100	Polygon	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.6	
6100	Polygon	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	
6100	Polygon	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.53	
6100	Polygon	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	
6100	Polygon	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.47	
6100	Polygon	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Polygon	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Polygon	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Polygon	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	
6100	Polygon	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.38	37	0.44	
6100	Polygon	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.43	45	0.54	
6100	Polygon	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	
6100	Polygon	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.39	43	0.48	
6100	Polygon	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	
6100	Polygon	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.35	40	0.42	
6100	Polygon	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	26	0.54	
6100	Polygon	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	
6100	Polygon	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.48	
6100	Polygon	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	
6100	Polygon	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.23	22	0.42	
6100	Polygon	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.28	29	0.53	
6100	Polygon	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	
6100	Polygon	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.47	
6100	Polygon	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	
6100	Polygon	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.23	26	0.42	
6100	Polygon	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.49	
6100	Polygon	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Polygon	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Polygon	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	
6100	Polygon	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.21	27	0.39	
6100	Polygon	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.24	34	0.42	
6100	Polygon	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	
6100	Polygon	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.37	
6100	Polygon	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	
6100	Polygon	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	32	0.33	
6100	Polygon	Fixed	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.58	
6100	Polygon	Fixed	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	
6100	Polygon	Fixed	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	
6100	Polygon	Fixed	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	
6100	Polygon	Fixed	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.46	
6100	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.59	41	0.68	
6100	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	
6100	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	
6100	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	
6100	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6100 ASCENT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6100	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.54	44	0.67	
6100	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	
6100	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	
6100	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	
6100	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	
6100	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.53	46	0.63	
6100	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.6	
6100	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	
6100	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	
6100	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	
6100	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	
6100	Polygon	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	
6100	Polygon	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	
6100	Polygon	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	
6100	Polygon	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	
6100	Polygon	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	
6100	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	32	0.59	
6100	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	
6100	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	
6100	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	
6100	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	
6100	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.55	
6100	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	
6100	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	
6100	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.27	38	0.47	
6100	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	
6100	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	
6100	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	
6100	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	
6100	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.61	37	0.65	
6100	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	
6100	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	
6100	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	
6100	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	
6100	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.59	41	0.68	
6100	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	
6100	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.61	
6100	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	
6100	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.48	34	0.55	
6100	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.54	44	0.67	
6100	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	
6100	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.6	
6100	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	
6100	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.53	



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6100 ASCENT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6100	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.53	46	0.63	
6100	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.48	43	0.56	
6100	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.5	
6100	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.6	
6100	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	
6100	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.44	47	0.54	
6100	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	
6100	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.39	44	0.48	
6100	Radius	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	
6100	Radius	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	
6100	Radius	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.54	
6100	Radius	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	
6100	Radius	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.48	
6100	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.31	32	0.59	
6100	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	
6100	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.28	30	0.53	
6100	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	
6100	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.47	
6100	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.55	
6100	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	
6100	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	
6100	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.44	
6100	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.27	38	0.47	
6100	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	
6100	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.25	37	0.42	
6100	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	
6100	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.79	0.14	0.22	35	0.38	
6100	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.61	37	0.65	
6100	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	
6100	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.55	33	0.58	
6100	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	
6100	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Rectangle	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.63	0.45
6700	Rectangle	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.45
6700	Rectangle	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.45
6700	Rectangle	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.49	0.45
6700	Rectangle	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.49	0.45
6700	Rectangle	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	36	0.61	0.45
6700	Rectangle	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.45
6700	Rectangle	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.45
6700	Rectangle	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.45
6700	Rectangle	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.45
6700	Rectangle	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	40	0.57	0.45
6700	Rectangle	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.45
6700	Rectangle	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.45
6700	Rectangle	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	34	0.45	0.45
6700	Rectangle	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	34	0.45	0.45
6700	Rectangle	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	42	0.55	0.45
6700	Rectangle	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.45
6700	Rectangle	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.45
6700	Rectangle	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.45
6700	Rectangle	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.45
6700	Rectangle	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.55	0.45
6700	Rectangle	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.45
6700	Rectangle	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.45
6700	Rectangle	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.45
6700	Rectangle	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.45
6700	Rectangle	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.54	0.45
6700	Rectangle	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.48	0.45
6700	Rectangle	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.48	0.45
6700	Rectangle	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.45
6700	Rectangle	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.45
6700	Rectangle	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.45
6700	Rectangle	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.45	0.45
6700	Rectangle	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.45	0.45
6700	Rectangle	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.45
6700	Rectangle	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.45
6700	Rectangle	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.43	0.45
6700	Rectangle	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.45
6700	Rectangle	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.45
6700	Rectangle	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.45
6700	Rectangle	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.45
6700	Rectangle	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.59	0.45
6700	Rectangle	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.45
6700	Rectangle	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.45
6700	Rectangle	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.47	0.45
6700	Rectangle	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.47	0.45
6700	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.02
6700	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.02
6700	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.02
6700	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.02
6700	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.02



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.02
6700	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.02
6700	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.02
6700	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.02
6700	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.02
6700	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.02
6700	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.02
6700	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.02
6700	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.02
6700	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.02
6700	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.49	48	0.61	0.02
6700	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.44	45	0.55	0.02
6700	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.44	45	0.55	0.02
6700	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.4	43	0.49	0.02
6700	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.4	43	0.49	0.02
6700	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.02
6700	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.02
6700	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.02
6700	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.49	0.02
6700	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.49	0.02
6700	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.02
6700	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.02
6700	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.02
6700	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.02
6700	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.02
6700	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.02
6700	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.02
6700	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.02
6700	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.02
6700	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.02
6700	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.02
6700	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.02
6700	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.02
6700	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.02
6700	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.02
6700	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.02
6700	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.02
6700	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.02
6700	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.02
6700	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.02
6700	Rectangle	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.2
6700	Rectangle	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.2
6700	Rectangle	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.2
6700	Rectangle	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.2
6700	Rectangle	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.2
6700	Rectangle	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.61	0.2
6700	Rectangle	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.2
6700	Rectangle	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.2
6700	Rectangle	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.2
6700	Rectangle	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.2



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Rectangle	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	40	0.57	0.2
6700	Rectangle	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.2
6700	Rectangle	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.2
6700	Rectangle	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.45	0.2
6700	Rectangle	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.45	0.2
6700	Rectangle	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	42	0.55	0.2
6700	Rectangle	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.2
6700	Rectangle	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.2
6700	Rectangle	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.43	0.2
6700	Rectangle	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.43	0.2
6700	Rectangle	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.55	0.2
6700	Rectangle	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.2
6700	Rectangle	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.2
6700	Rectangle	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.2
6700	Rectangle	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.2
6700	Rectangle	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.54	0.2
6700	Rectangle	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.48	0.2
6700	Rectangle	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.48	0.2
6700	Rectangle	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.2
6700	Rectangle	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.2
6700	Rectangle	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.51	0.2
6700	Rectangle	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.45	0.2
6700	Rectangle	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.45	0.2
6700	Rectangle	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.2
6700	Rectangle	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.2
6700	Rectangle	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	32	0.43	0.2
6700	Rectangle	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.2
6700	Rectangle	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.2
6700	Rectangle	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.2
6700	Rectangle	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.2
6700	Rectangle	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.59	0.2
6700	Rectangle	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.2
6700	Rectangle	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.2
6700	Rectangle	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.47	0.2
6700	Rectangle	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.47	0.2



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Polygon	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.63	0.45
6700	Polygon	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.45
6700	Polygon	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.45
6700	Polygon	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.49	0.45
6700	Polygon	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.49	0.45
6700	Polygon	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	36	0.61	0.45
6700	Polygon	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.45
6700	Polygon	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.45
6700	Polygon	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.45
6700	Polygon	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.45
6700	Polygon	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	40	0.57	0.45
6700	Polygon	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.45
6700	Polygon	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.45
6700	Polygon	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	34	0.45	0.45
6700	Polygon	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	34	0.45	0.45
6700	Polygon	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	42	0.55	0.45
6700	Polygon	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.45
6700	Polygon	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.45
6700	Polygon	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.45
6700	Polygon	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.45
6700	Polygon	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.55	0.45
6700	Polygon	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.45
6700	Polygon	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.45
6700	Polygon	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.45
6700	Polygon	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.45
6700	Polygon	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.54	0.45
6700	Polygon	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.48	0.45
6700	Polygon	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.48	0.45
6700	Polygon	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.45
6700	Polygon	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.45
6700	Polygon	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.45
6700	Polygon	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.45	0.45
6700	Polygon	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.45	0.45
6700	Polygon	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.45
6700	Polygon	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.45
6700	Polygon	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.43	0.45
6700	Polygon	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.45
6700	Polygon	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.45
6700	Polygon	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.45
6700	Polygon	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.45
6700	Polygon	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.59	0.45
6700	Polygon	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.45
6700	Polygon	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.45
6700	Polygon	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.47	0.45
6700	Polygon	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.47	0.45
6700	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.02
6700	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.02
6700	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.02
6700	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.02
6700	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.02



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.02
6700	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.02
6700	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.02
6700	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.02
6700	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.02
6700	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.02
6700	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.02
6700	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.02
6700	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.02
6700	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.02
6700	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.49	48	0.61	0.02
6700	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.44	45	0.55	0.02
6700	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.44	45	0.55	0.02
6700	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.4	43	0.49	0.02
6700	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.4	43	0.49	0.02
6700	Polygon	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.02
6700	Polygon	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.02
6700	Polygon	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.02
6700	Polygon	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.49	0.02
6700	Polygon	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.49	0.02
6700	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.02
6700	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.02
6700	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.02
6700	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.02
6700	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.02
6700	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.02
6700	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.02
6700	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.02
6700	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.02
6700	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.02
6700	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.02
6700	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.02
6700	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.02
6700	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.02
6700	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.02
6700	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.02
6700	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.02
6700	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.02
6700	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.02
6700	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.02
6700	Polygon	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.2
6700	Polygon	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.2
6700	Polygon	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.2
6700	Polygon	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.2
6700	Polygon	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.2
6700	Polygon	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.61	0.2
6700	Polygon	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.2
6700	Polygon	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.2
6700	Polygon	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.2
6700	Polygon	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.2



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Polygon	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	40	0.57	0.2
6700	Polygon	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.2
6700	Polygon	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.2
6700	Polygon	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.45	0.2
6700	Polygon	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.45	0.2
6700	Polygon	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	42	0.55	0.2
6700	Polygon	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.2
6700	Polygon	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.2
6700	Polygon	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.43	0.2
6700	Polygon	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.43	0.2
6700	Polygon	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.55	0.2
6700	Polygon	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.2
6700	Polygon	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.2
6700	Polygon	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.2
6700	Polygon	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.2
6700	Polygon	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.54	0.2
6700	Polygon	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.48	0.2
6700	Polygon	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.48	0.2
6700	Polygon	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.2
6700	Polygon	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.2
6700	Polygon	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.51	0.2
6700	Polygon	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.45	0.2
6700	Polygon	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.45	0.2
6700	Polygon	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.2
6700	Polygon	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.2
6700	Polygon	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	32	0.43	0.2
6700	Polygon	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.2
6700	Polygon	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.2
6700	Polygon	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.2
6700	Polygon	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.2
6700	Polygon	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.59	0.2
6700	Polygon	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.2
6700	Polygon	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.2
6700	Polygon	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.47	0.2
6700	Polygon	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.47	0.2
6700	Radius	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.63	0.45
6700	Radius	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.45
6700	Radius	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	31	0.56	0.45
6700	Radius	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.49	0.45
6700	Radius	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.44	28	0.49	0.45
6700	Radius	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	36	0.61	0.45
6700	Radius	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.45
6700	Radius	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.45
6700	Radius	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.45
6700	Radius	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.45
6700	Radius	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	40	0.57	0.45
6700	Radius	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.45
6700	Radius	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.45
6700	Radius	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	34	0.45	0.45
6700	Radius	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	34	0.45	0.45



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Radius	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	42	0.55	0.45
6700	Radius	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.45
6700	Radius	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.45
6700	Radius	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.45
6700	Radius	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.45
6700	Radius	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.55	0.45
6700	Radius	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.45
6700	Radius	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.45
6700	Radius	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.45
6700	Radius	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.45
6700	Radius	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.54	0.45
6700	Radius	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.48	0.45
6700	Radius	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.48	0.45
6700	Radius	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.45
6700	Radius	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.45
6700	Radius	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.51	0.45
6700	Radius	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.45	0.45
6700	Radius	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.45	0.45
6700	Radius	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.45
6700	Radius	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.4	0.45
6700	Radius	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.43	0.45
6700	Radius	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.45
6700	Radius	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.45
6700	Radius	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.45
6700	Radius	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.34	0.45
6700	Radius	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.59	0.45
6700	Radius	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.45
6700	Radius	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.45
6700	Radius	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.47	0.45
6700	Radius	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	25	0.47	0.45
6700	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.02
6700	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.02
6700	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.02
6700	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.02
6700	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.02
6700	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.02
6700	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.02
6700	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.02
6700	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.02
6700	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.02
6700	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.02
6700	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.02
6700	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.02
6700	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.02
6700	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.02
6700	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.49	48	0.61	0.02
6700	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.44	45	0.55	0.02
6700	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.44	45	0.55	0.02
6700	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.4	43	0.49	0.02
6700	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.4	43	0.49	0.02



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Radius	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.02
6700	Radius	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.02
6700	Radius	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.02
6700	Radius	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.49	0.02
6700	Radius	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.26	23	0.49	0.02
6700	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.02
6700	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.02
6700	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.02
6700	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.02
6700	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.02
6700	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.02
6700	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.02
6700	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.02
6700	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.02
6700	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.02
6700	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.02
6700	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.02
6700	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.02
6700	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.02
6700	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.02
6700	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.02
6700	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.02
6700	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.02
6700	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.02
6700	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.02
6700	Radius	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.2
6700	Radius	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.2
6700	Radius	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.49	32	0.56	0.2
6700	Radius	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.2
6700	Radius	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.2
6700	Radius	Slider	HSIV	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.61	0.2
6700	Radius	Slider	HSIV	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.2
6700	Radius	Slider	HSIV	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.2
6700	Radius	Slider	HSIV	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.2
6700	Radius	Slider	HSIV	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.4	31	0.48	0.2
6700	Radius	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	40	0.57	0.2
6700	Radius	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.2
6700	Radius	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	37	0.51	0.2
6700	Radius	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.45	0.2
6700	Radius	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.39	35	0.45	0.2
6700	Radius	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	42	0.55	0.2
6700	Radius	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.2
6700	Radius	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.49	0.2
6700	Radius	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.43	0.2
6700	Radius	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.43	0.2
6700	Radius	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.55	0.2
6700	Radius	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.2
6700	Radius	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.2
6700	Radius	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.2
6700	Radius	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.24	18	0.44	0.2



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 6700 ALPINE SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
6700	Radius	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	26	0.54	0.2
6700	Radius	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.48	0.2
6700	Radius	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.48	0.2
6700	Radius	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.2
6700	Radius	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.43	0.2
6700	Radius	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.51	0.2
6700	Radius	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.45	0.2
6700	Radius	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.45	0.2
6700	Radius	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.2
6700	Radius	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.2
6700	Radius	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	32	0.43	0.2
6700	Radius	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.2
6700	Radius	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.2
6700	Radius	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.2
6700	Radius	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.34	0.2
6700	Radius	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.56	32	0.59	0.2
6700	Radius	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.2
6700	Radius	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.5	28	0.53	0.2
6700	Radius	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.47	0.2
6700	Radius	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.45	26	0.47	0.2



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Rectangle	Awning (EG*)	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.42	29	0.48	0.1
9100	Rectangle	Awning (EG*)	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.38	27	0.43	0.08
9100	Rectangle	Awning (EG*)	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.38	27	0.43	0.1
9100	Rectangle	Awning (EG*)	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.34	25	0.38	0.1
9100	Rectangle	Awning (EG*)	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.34	25	0.38	0.1
9100	Rectangle	Awning (EG*)	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.38	31	0.47	0.1
9100	Rectangle	Awning (EG*)	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.35	29	0.42	0.1
9100	Rectangle	Awning (EG*)	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.35	29	0.42	0.1
9100	Rectangle	Awning (EG*)	HS1V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.31	27	0.37	0.1
9100	Rectangle	Awning (EG*)	HS1V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.31	27	0.37	0.1
9100	Rectangle	Awning (EG*)	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.42	0.1
9100	Rectangle	Awning (EG*)	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.38	0.1
9100	Rectangle	Awning (EG*)	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.38	0.1
9100	Rectangle	Awning (EG*)	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.19	17	0.34	0.1
9100	Rectangle	Awning (EG*)	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.19	17	0.34	0.1
9100	Rectangle	Awning (EG*)	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.22	23	0.41	0.1
9100	Rectangle	Awning (EG*)	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.2	22	0.37	0.1
9100	Rectangle	Awning (EG*)	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.2	22	0.37	0.1
9100	Rectangle	Awning (EG*)	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.18	20	0.33	0.1
9100	Rectangle	Awning (EG*)	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.18	20	0.33	0.1
9100	Rectangle	Awning (IG*)	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.4	29	0.46	0.06
9100	Rectangle	Awning (IG*)	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.36	27	0.41	0.06
9100	Rectangle	Awning (IG*)	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.36	27	0.41	0.06
9100	Rectangle	Awning (IG*)	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.33	25	0.36	0.06
9100	Rectangle	Awning (IG*)	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.33	25	0.36	0.06
9100	Rectangle	Awning (IG*)	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.37	31	0.45	0.06
9100	Rectangle	Awning (IG*)	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.33	29	0.4	0.06
9100	Rectangle	Awning (IG*)	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.33	29	0.4	0.06
9100	Rectangle	Awning (IG*)	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.3	27	0.36	0.06
9100	Rectangle	Awning (IG*)	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.3	27	0.36	0.06
9100	Rectangle	Awning (IG*)	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.36	33	0.42	0.06
9100	Rectangle	Awning (IG*)	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.33	31	0.37	0.06
9100	Rectangle	Awning (IG*)	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.33	31	0.37	0.06
9100	Rectangle	Awning (IG*)	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.29	29	0.33	0.06
9100	Rectangle	Awning (IG*)	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.29	29	0.33	0.06
9100	Rectangle	Awning (IG*)	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.33	35	0.4	0.06
9100	Rectangle	Awning (IG*)	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.3	33	0.36	0.06
9100	Rectangle	Awning (IG*)	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.3	33	0.36	0.06
9100	Rectangle	Awning (IG*)	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.27	32	0.32	0.06
9100	Rectangle	Awning (IG*)	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.27	32	0.32	0.06
9100	Rectangle	Awning (IG*)	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	20	0.4	0.06
9100	Rectangle	Awning (IG*)	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	19	0.36	0.06
9100	Rectangle	Awning (IG*)	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	19	0.36	0.06
9100	Rectangle	Awning (IG*)	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	18	0.32	0.06
9100	Rectangle	Awning (IG*)	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	18	0.32	0.06
9100	Rectangle	Awning (IG*)	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	23	0.39	0.06
9100	Rectangle	Awning (IG*)	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.35	0.06
9100	Rectangle	Awning (IG*)	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.35	0.06
9100	Rectangle	Awning (IG*)	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	22	0.31	0.06
9100	Rectangle	Awning (IG*)	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	22	0.31	0.06

\*IG = Interior Glazed Sash EG = Exterior Glazed Sash



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Rectangle	Awning (IG*)	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.37	0.06
9100	Rectangle	Awning (IG*)	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.18	23	0.33	0.06
9100	Rectangle	Awning (IG*)	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.18	23	0.33	0.06
9100	Rectangle	Awning (IG*)	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.17	22	0.29	0.06
9100	Rectangle	Awning (IG*)	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.17	22	0.29	0.06
9100	Rectangle	Awning (IG*)	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.19	28	0.31	0.06
9100	Rectangle	Awning (IG*)	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	27	0.28	0.06
9100	Rectangle	Awning (IG*)	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	27	0.28	0.06
9100	Rectangle	Awning (IG*)	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	26	0.25	0.06
9100	Rectangle	Awning (IG*)	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	26	0.25	0.06
9100	Rectangle	Awning (IG*)	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.43	0.06
9100	Rectangle	Awning (IG*)	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	0.06
9100	Rectangle	Awning (IG*)	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.37	25	0.39	0.06
9100	Rectangle	Awning (IG*)	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.33	23	0.35	0.06
9100	Rectangle	Awning (IG*)	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.33	23	0.35	0.06
9100	Rectangle	Casement (EG*)	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.42	30	0.48	0.24
9100	Rectangle	Casement (EG*)	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.38	28	0.43	0.24
9100	Rectangle	Casement (EG*)	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.38	28	0.43	0.24
9100	Rectangle	Casement (EG*)	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.34	26	0.38	0.24
9100	Rectangle	Casement (EG*)	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.34	26	0.38	0.24
9100	Rectangle	Casement (EG*)	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.38	32	0.47	0.24
9100	Rectangle	Casement (EG*)	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.35	30	0.42	0.24
9100	Rectangle	Casement (EG*)	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.35	30	0.42	0.24
9100	Rectangle	Casement (EG*)	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.31	28	0.37	0.24
9100	Rectangle	Casement (EG*)	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.31	28	0.37	0.24
9100	Rectangle	Casement (EG*)	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	19	0.42	0.24
9100	Rectangle	Casement (EG*)	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.38	0.24
9100	Rectangle	Casement (EG*)	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.38	0.24
9100	Rectangle	Casement (EG*)	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.19	17	0.34	0.24
9100	Rectangle	Casement (EG*)	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.19	17	0.34	0.24
9100	Rectangle	Casement (EG*)	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.41	0.24
9100	Rectangle	Casement (EG*)	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.37	0.24
9100	Rectangle	Casement (EG*)	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.37	0.24
9100	Rectangle	Casement (EG*)	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.33	0.24
9100	Rectangle	Casement (EG*)	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.33	0.24
9100	Rectangle	Casement (IG*)	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	0.35
9100	Rectangle	Casement (IG*)	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	27	0.41	0.35
9100	Rectangle	Casement (IG*)	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	27	0.41	0.35
9100	Rectangle	Casement (IG*)	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	26	0.36	0.35
9100	Rectangle	Casement (IG*)	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	26	0.36	0.35
9100	Rectangle	Casement (IG*)	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	0.35
9100	Rectangle	Casement (IG*)	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	29	0.4	0.35
9100	Rectangle	Casement (IG*)	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	29	0.4	0.35
9100	Rectangle	Casement (IG*)	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.3	28	0.36	0.35
9100	Rectangle	Casement (IG*)	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.3	28	0.36	0.35
9100	Rectangle	Casement (IG*)	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	34	0.42	0.35
9100	Rectangle	Casement (IG*)	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	32	0.37	0.35
9100	Rectangle	Casement (IG*)	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	32	0.37	0.35
9100	Rectangle	Casement (IG*)	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	30	0.33	0.35
9100	Rectangle	Casement (IG*)	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	30	0.33	0.35

\*IG = Interior Glazed Sash EG = Exterior Glazed Sash



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Rectangle	Casement (IG*)	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.33	36	0.4	0.35
9100	Rectangle	Casement (IG*)	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.3	34	0.36	0.35
9100	Rectangle	Casement (IG*)	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.3	34	0.36	0.35
9100	Rectangle	Casement (IG*)	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.27	32	0.32	0.35
9100	Rectangle	Casement (IG*)	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.27	32	0.32	0.35
9100	Rectangle	Casement (IG*)	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	19	0.4	0.35
9100	Rectangle	Casement (IG*)	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	18	0.36	0.35
9100	Rectangle	Casement (IG*)	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	18	0.36	0.35
9100	Rectangle	Casement (IG*)	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	17	0.32	0.35
9100	Rectangle	Casement (IG*)	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	17	0.32	0.35
9100	Rectangle	Casement (IG*)	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	22	0.39	0.35
9100	Rectangle	Casement (IG*)	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.35	0.35
9100	Rectangle	Casement (IG*)	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.35	0.35
9100	Rectangle	Casement (IG*)	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.31	0.35
9100	Rectangle	Casement (IG*)	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.31	0.35
9100	Rectangle	Casement (IG*)	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	0.35
9100	Rectangle	Casement (IG*)	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	23	0.33	0.35
9100	Rectangle	Casement (IG*)	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	23	0.33	0.35
9100	Rectangle	Casement (IG*)	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.17	23	0.29	0.35
9100	Rectangle	Casement (IG*)	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.17	23	0.29	0.35
9100	Rectangle	Casement (IG*)	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.19	28	0.31	0.35
9100	Rectangle	Casement (IG*)	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	26	0.28	0.35
9100	Rectangle	Casement (IG*)	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	26	0.28	0.35
9100	Rectangle	Casement (IG*)	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	25	0.25	0.35
9100	Rectangle	Casement (IG*)	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	25	0.25	0.35
9100	Rectangle	Casement (IG*)	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.43	0.35
9100	Rectangle	Casement (IG*)	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.37	24	0.39	0.35
9100	Rectangle	Casement (IG*)	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.37	24	0.39	0.35
9100	Rectangle	Casement (IG*)	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.33	22	0.35	0.35
9100	Rectangle	Casement (IG*)	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.33	22	0.35	0.35
9100	Rectangle	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	0.07
9100	Rectangle	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	27	0.41	0.07
9100	Rectangle	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	27	0.41	0.07
9100	Rectangle	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	26	0.36	0.07
9100	Rectangle	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	26	0.36	0.07
9100	Rectangle	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	0.07
9100	Rectangle	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	29	0.4	0.07
9100	Rectangle	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	29	0.4	0.07
9100	Rectangle	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.3	28	0.36	0.07
9100	Rectangle	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.3	28	0.36	0.07
9100	Rectangle	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	34	0.42	0.07
9100	Rectangle	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	32	0.37	0.07
9100	Rectangle	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	32	0.37	0.07
9100	Rectangle	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	30	0.33	0.07
9100	Rectangle	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	30	0.33	0.07
9100	Rectangle	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.33	36	0.4	0.07
9100	Rectangle	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.3	34	0.36	0.07
9100	Rectangle	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.3	34	0.36	0.07
9100	Rectangle	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.27	32	0.32	0.07
9100	Rectangle	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.27	32	0.32	0.07

\*IG = Interior Glazed Sash EG = Exterior Glazed Sash



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Rectangle	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	19	0.4	0.07
9100	Rectangle	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	18	0.36	0.07
9100	Rectangle	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	18	0.36	0.07
9100	Rectangle	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	17	0.32	0.07
9100	Rectangle	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	17	0.32	0.07
9100	Rectangle	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	22	0.39	0.07
9100	Rectangle	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.35	0.07
9100	Rectangle	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.35	0.07
9100	Rectangle	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.31	0.07
9100	Rectangle	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.31	0.07
9100	Rectangle	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	0.07
9100	Rectangle	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	23	0.33	0.07
9100	Rectangle	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	23	0.33	0.07
9100	Rectangle	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.17	23	0.29	0.07
9100	Rectangle	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.17	23	0.29	0.07
9100	Rectangle	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.19	28	0.31	0.07
9100	Rectangle	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	26	0.28	0.07
9100	Rectangle	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	26	0.28	0.07
9100	Rectangle	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	25	0.25	0.07
9100	Rectangle	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	25	0.25	0.07
9100	Rectangle	Fixed	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.43	0.07
9100	Rectangle	Fixed	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.37	24	0.39	0.07
9100	Rectangle	Fixed	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.37	24	0.39	0.07
9100	Rectangle	Fixed	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.33	22	0.35	0.07
9100	Rectangle	Fixed	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.33	22	0.35	0.07
9100	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.59	0.28	0.54	36	0.62	0.1
9100	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.55	0.1
9100	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.55	0.1
9100	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.43	30	0.49	0.1
9100	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.43	30	0.49	0.1
9100	Rectangle	Picture	HSIV	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.6	0.1
9100	Rectangle	Picture	HSIV	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	37	0.54	0.1
9100	Rectangle	Picture	HSIV	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	37	0.54	0.1
9100	Rectangle	Picture	HSIV	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.39	34	0.47	0.1
9100	Rectangle	Picture	HSIV	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.39	34	0.47	0.1
9100	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.48	41	0.56	0.1
9100	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.43	39	0.5	0.1
9100	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.43	39	0.5	0.1
9100	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.39	36	0.44	0.1
9100	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.39	36	0.44	0.1
9100	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.44	44	0.54	0.1
9100	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.39	41	0.48	0.1
9100	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.39	41	0.48	0.1
9100	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.35	39	0.43	0.1
9100	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.35	39	0.43	0.1
9100	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.29	23	0.54	0.1
9100	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.49	0.1
9100	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.49	0.1
9100	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1
9100	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1

\*IG = Interior Glazed Sash EG = Exterior Glazed Sash



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.28	27	0.53	0.1
9100	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.47	0.1
9100	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.47	0.1
9100	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9100	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9100	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	29	0.5	0.1
9100	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.24	28	0.44	0.1
9100	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.24	28	0.44	0.1
9100	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.39	0.1
9100	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.39	0.1
9100	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.24	34	0.42	0.1
9100	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.38	0.1
9100	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.38	0.1
9100	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	31	0.33	0.1
9100	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	31	0.33	0.1
9100	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.55	34	0.59	0.1
9100	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.1
9100	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.1
9100	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.44	28	0.46	0.1
9100	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.44	28	0.46	0.1

\*IG = Interior Glazed Sash EG = Exterior Glazed Sash



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Polygon	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.48	0.26	0.4	30	0.46	0.07
9100	Polygon	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	27	0.41	0.07
9100	Polygon	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	27	0.41	0.07
9100	Polygon	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	26	0.36	0.07
9100	Polygon	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.33	26	0.36	0.07
9100	Polygon	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.37	32	0.45	0.07
9100	Polygon	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	29	0.4	0.07
9100	Polygon	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.33	29	0.4	0.07
9100	Polygon	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.3	28	0.36	0.07
9100	Polygon	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.3	28	0.36	0.07
9100	Polygon	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.36	34	0.42	0.07
9100	Polygon	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	32	0.37	0.07
9100	Polygon	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.33	32	0.37	0.07
9100	Polygon	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	30	0.33	0.07
9100	Polygon	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	30	0.33	0.07
9100	Polygon	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.33	36	0.4	0.07
9100	Polygon	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.3	34	0.36	0.07
9100	Polygon	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.3	34	0.36	0.07
9100	Polygon	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.27	32	0.32	0.07
9100	Polygon	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.27	32	0.32	0.07
9100	Polygon	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.22	19	0.4	0.07
9100	Polygon	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	18	0.36	0.07
9100	Polygon	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.2	18	0.36	0.07
9100	Polygon	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	17	0.32	0.07
9100	Polygon	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.18	17	0.32	0.07
9100	Polygon	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	22	0.39	0.07
9100	Polygon	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.35	0.07
9100	Polygon	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	22	0.35	0.07
9100	Polygon	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.31	0.07
9100	Polygon	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	21	0.31	0.07
9100	Polygon	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.2	25	0.37	0.07
9100	Polygon	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	23	0.33	0.07
9100	Polygon	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.18	23	0.33	0.07
9100	Polygon	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.17	23	0.29	0.07
9100	Polygon	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.17	23	0.29	0.07
9100	Polygon	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.19	28	0.31	0.07
9100	Polygon	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	26	0.28	0.07
9100	Polygon	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.17	26	0.28	0.07
9100	Polygon	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	25	0.25	0.07
9100	Polygon	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.15	25	0.25	0.07
9100	Polygon	Fixed	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.41	27	0.43	0.07
9100	Polygon	Fixed	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.37	24	0.39	0.07
9100	Polygon	Fixed	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.37	24	0.39	0.07
9100	Polygon	Fixed	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.33	22	0.35	0.07
9100	Polygon	Fixed	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.33	22	0.35	0.07
9100	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.59	0.28	0.54	36	0.62	0.1
9100	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.55	0.1
9100	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.55	0.1
9100	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.43	30	0.49	0.1
9100	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.43	30	0.49	0.1



**Legend:**  
 Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.6	0.1
9100	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	37	0.54	0.1
9100	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	37	0.54	0.1
9100	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.39	34	0.47	0.1
9100	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.39	34	0.47	0.1
9100	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.48	41	0.56	0.1
9100	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.43	39	0.5	0.1
9100	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.43	39	0.5	0.1
9100	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.39	36	0.44	0.1
9100	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.39	36	0.44	0.1
9100	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.44	44	0.54	0.1
9100	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.39	41	0.48	0.1
9100	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.39	41	0.48	0.1
9100	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.35	39	0.43	0.1
9100	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.35	39	0.43	0.1
9100	Polygon	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.29	23	0.54	0.1
9100	Polygon	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.49	0.1
9100	Polygon	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.49	0.1
9100	Polygon	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1
9100	Polygon	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1
9100	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.28	27	0.53	0.1
9100	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.47	0.1
9100	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.47	0.1
9100	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9100	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9100	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	29	0.5	0.1
9100	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.24	28	0.44	0.1
9100	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.24	28	0.44	0.1
9100	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.39	0.1
9100	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.39	0.1
9100	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.24	34	0.42	0.1
9100	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.38	0.1
9100	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.38	0.1
9100	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	31	0.33	0.1
9100	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	31	0.33	0.1
9100	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.55	34	0.59	0.1
9100	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.1
9100	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.1
9100	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.44	28	0.46	0.1
9100	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.44	28	0.46	0.1
9100	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.59	0.28	0.54	36	0.62	0.1
9100	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.55	0.1
9100	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.55	0.1
9100	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.43	30	0.49	0.1
9100	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.43	30	0.49	0.1
9100	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.49	39	0.6	0.1
9100	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	37	0.54	0.1
9100	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.44	37	0.54	0.1
9100	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.39	34	0.47	0.1
9100	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.39	34	0.47	0.1



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9100 APEX SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9100	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.48	41	0.56	0.1
9100	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.43	39	0.5	0.1
9100	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.43	39	0.5	0.1
9100	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.39	36	0.44	0.1
9100	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.39	36	0.44	0.1
9100	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.44	44	0.54	0.1
9100	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.39	41	0.48	0.1
9100	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.39	41	0.48	0.1
9100	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.35	39	0.43	0.1
9100	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.35	39	0.43	0.1
9100	Radius	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.29	23	0.54	0.1
9100	Radius	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.49	0.1
9100	Radius	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.49	0.1
9100	Radius	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1
9100	Radius	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1
9100	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.28	27	0.53	0.1
9100	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.47	0.1
9100	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.47	0.1
9100	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9100	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9100	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.27	29	0.5	0.1
9100	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.24	28	0.44	0.1
9100	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.24	28	0.44	0.1
9100	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.39	0.1
9100	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.22	26	0.39	0.1
9100	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.24	34	0.42	0.1
9100	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.38	0.1
9100	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.22	33	0.38	0.1
9100	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	31	0.33	0.1
9100	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.91	0.16	0.2	31	0.33	0.1
9100	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.55	34	0.59	0.1
9100	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.1
9100	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.49	31	0.52	0.1
9100	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.44	28	0.46	0.1
9100	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.44	28	0.46	0.1



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Rectangle	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.4
9700	Rectangle	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
9700	Rectangle	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
9700	Rectangle	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
9700	Rectangle	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
9700	Rectangle	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.49	38	0.6	0.4
9700	Rectangle	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
9700	Rectangle	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
9700	Rectangle	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
9700	Rectangle	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
9700	Rectangle	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.4
9700	Rectangle	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
9700	Rectangle	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
9700	Rectangle	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
9700	Rectangle	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
9700	Rectangle	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.4
9700	Rectangle	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
9700	Rectangle	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
9700	Rectangle	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
9700	Rectangle	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
9700	Rectangle	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.4
9700	Rectangle	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
9700	Rectangle	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
9700	Rectangle	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
9700	Rectangle	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
9700	Rectangle	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.4
9700	Rectangle	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
9700	Rectangle	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
9700	Rectangle	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
9700	Rectangle	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
9700	Rectangle	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.4
9700	Rectangle	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
9700	Rectangle	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
9700	Rectangle	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
9700	Rectangle	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
9700	Rectangle	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.42	0.4
9700	Rectangle	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
9700	Rectangle	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
9700	Rectangle	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
9700	Rectangle	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
9700	Rectangle	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.4
9700	Rectangle	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
9700	Rectangle	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
9700	Rectangle	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
9700	Rectangle	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
9700	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.04
9700	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
9700	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
9700	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
9700	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.04
9700	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
9700	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
9700	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
9700	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
9700	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.04
9700	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
9700	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
9700	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
9700	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
9700	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.61	0.04
9700	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
9700	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
9700	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
9700	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
9700	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.04
9700	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
9700	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
9700	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
9700	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
9700	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.04
9700	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
9700	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
9700	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
9700	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
9700	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.04
9700	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
9700	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
9700	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
9700	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
9700	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.04
9700	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
9700	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
9700	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
9700	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
9700	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.04
9700	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
9700	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
9700	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
9700	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
9700	Rectangle	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.04
9700	Rectangle	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
9700	Rectangle	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
9700	Rectangle	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
9700	Rectangle	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
9700	Rectangle	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.04
9700	Rectangle	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
9700	Rectangle	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
9700	Rectangle	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
9700	Rectangle	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Rectangle	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.04
9700	Rectangle	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
9700	Rectangle	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
9700	Rectangle	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
9700	Rectangle	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
9700	Rectangle	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.04
9700	Rectangle	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
9700	Rectangle	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
9700	Rectangle	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
9700	Rectangle	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
9700	Rectangle	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.04
9700	Rectangle	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
9700	Rectangle	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
9700	Rectangle	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
9700	Rectangle	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
9700	Rectangle	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.04
9700	Rectangle	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
9700	Rectangle	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
9700	Rectangle	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
9700	Rectangle	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
9700	Rectangle	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.04
9700	Rectangle	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
9700	Rectangle	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
9700	Rectangle	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
9700	Rectangle	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
9700	Rectangle	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.24	31	0.42	0.04
9700	Rectangle	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
9700	Rectangle	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
9700	Rectangle	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
9700	Rectangle	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
9700	Rectangle	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.04
9700	Rectangle	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
9700	Rectangle	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
9700	Rectangle	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
9700	Rectangle	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Polygon	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.4
9700	Polygon	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
9700	Polygon	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
9700	Polygon	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
9700	Polygon	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
9700	Polygon	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.49	38	0.6	0.4
9700	Polygon	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
9700	Polygon	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
9700	Polygon	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
9700	Polygon	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
9700	Polygon	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.4
9700	Polygon	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
9700	Polygon	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
9700	Polygon	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
9700	Polygon	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
9700	Polygon	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.4
9700	Polygon	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
9700	Polygon	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
9700	Polygon	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
9700	Polygon	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
9700	Polygon	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.4
9700	Polygon	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
9700	Polygon	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
9700	Polygon	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
9700	Polygon	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
9700	Polygon	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.4
9700	Polygon	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
9700	Polygon	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
9700	Polygon	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
9700	Polygon	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
9700	Polygon	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.4
9700	Polygon	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
9700	Polygon	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
9700	Polygon	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
9700	Polygon	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
9700	Polygon	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.42	0.4
9700	Polygon	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
9700	Polygon	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
9700	Polygon	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
9700	Polygon	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
9700	Polygon	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.4
9700	Polygon	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
9700	Polygon	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
9700	Polygon	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
9700	Polygon	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
9700	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.04
9700	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
9700	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
9700	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
9700	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.04
9700	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
9700	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
9700	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
9700	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
9700	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.04
9700	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
9700	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
9700	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
9700	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
9700	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.61	0.04
9700	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
9700	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
9700	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
9700	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
9700	Polygon	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.04
9700	Polygon	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
9700	Polygon	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
9700	Polygon	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
9700	Polygon	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
9700	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.04
9700	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
9700	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
9700	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
9700	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
9700	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.04
9700	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
9700	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
9700	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
9700	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
9700	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.04
9700	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
9700	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
9700	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
9700	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
9700	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.04
9700	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
9700	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
9700	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
9700	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
9700	Polygon	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.04
9700	Polygon	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
9700	Polygon	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
9700	Polygon	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
9700	Polygon	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
9700	Polygon	Slider	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.04
9700	Polygon	Slider	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
9700	Polygon	Slider	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
9700	Polygon	Slider	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
9700	Polygon	Slider	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Polygon	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.04
9700	Polygon	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
9700	Polygon	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
9700	Polygon	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
9700	Polygon	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
9700	Polygon	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.04
9700	Polygon	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
9700	Polygon	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
9700	Polygon	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
9700	Polygon	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
9700	Polygon	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.04
9700	Polygon	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
9700	Polygon	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
9700	Polygon	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
9700	Polygon	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
9700	Polygon	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.04
9700	Polygon	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
9700	Polygon	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
9700	Polygon	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
9700	Polygon	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
9700	Polygon	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.04
9700	Polygon	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
9700	Polygon	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
9700	Polygon	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
9700	Polygon	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
9700	Polygon	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.24	31	0.42	0.04
9700	Polygon	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
9700	Polygon	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
9700	Polygon	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
9700	Polygon	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
9700	Polygon	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.04
9700	Polygon	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
9700	Polygon	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
9700	Polygon	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
9700	Polygon	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
9700	Radius	Hung	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.4
9700	Radius	Hung	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
9700	Radius	Hung	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.4
9700	Radius	Hung	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
9700	Radius	Hung	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.4
9700	Radius	Hung	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.49	38	0.6	0.4
9700	Radius	Hung	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
9700	Radius	Hung	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.44	35	0.54	0.4
9700	Radius	Hung	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
9700	Radius	Hung	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	32	0.47	0.4
9700	Radius	Hung	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.4
9700	Radius	Hung	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
9700	Radius	Hung	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	35	0.5	0.4
9700	Radius	Hung	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4
9700	Radius	Hung	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.4



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Radius	Hung	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.4
9700	Radius	Hung	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
9700	Radius	Hung	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.4
9700	Radius	Hung	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
9700	Radius	Hung	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.4
9700	Radius	Hung	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.4
9700	Radius	Hung	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
9700	Radius	Hung	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	19	0.49	0.4
9700	Radius	Hung	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
9700	Radius	Hung	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.4
9700	Radius	Hung	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.4
9700	Radius	Hung	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
9700	Radius	Hung	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	24	0.47	0.4
9700	Radius	Hung	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
9700	Radius	Hung	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.4
9700	Radius	Hung	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.4
9700	Radius	Hung	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
9700	Radius	Hung	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	24	0.44	0.4
9700	Radius	Hung	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
9700	Radius	Hung	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.4
9700	Radius	Hung	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.25	31	0.42	0.4
9700	Radius	Hung	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
9700	Radius	Hung	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.4
9700	Radius	Hung	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
9700	Radius	Hung	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	28	0.33	0.4
9700	Radius	Hung	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.4
9700	Radius	Hung	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
9700	Radius	Hung	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.4
9700	Radius	Hung	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
9700	Radius	Hung	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.4
9700	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.6	41	0.69	0.04
9700	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
9700	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.54	38	0.62	0.04
9700	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
9700	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	35	0.56	0.04
9700	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.55	44	0.68	0.04
9700	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
9700	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.49	41	0.61	0.04
9700	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
9700	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.44	38	0.54	0.04
9700	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.54	46	0.64	0.04
9700	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
9700	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.49	43	0.57	0.04
9700	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
9700	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.44	40	0.51	0.04
9700	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.49	50	0.61	0.04
9700	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
9700	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.45	47	0.55	0.04
9700	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04
9700	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.4	44	0.49	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Radius	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.61	0.04
9700	Radius	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
9700	Radius	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.55	0.04
9700	Radius	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
9700	Radius	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.27	23	0.49	0.04
9700	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.32	32	0.6	0.04
9700	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
9700	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.29	31	0.54	0.04
9700	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
9700	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.26	29	0.48	0.04
9700	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.3	32	0.56	0.04
9700	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
9700	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.27	31	0.5	0.04
9700	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
9700	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.25	29	0.45	0.04
9700	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.27	37	0.48	0.04
9700	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
9700	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.25	36	0.43	0.04
9700	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
9700	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.85	0.15	0.23	35	0.38	0.04
9700	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.62	37	0.66	0.04
9700	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
9700	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.76	0.31	0.56	34	0.59	0.04
9700	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
9700	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.5	30	0.53	0.04
9700	Radius	Slider	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.54	34	0.62	0.04
9700	Radius	Slider	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
9700	Radius	Slider	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.48	31	0.55	0.04
9700	Radius	Slider	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
9700	Radius	Slider	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.43	28	0.49	0.04
9700	Radius	Slider	HSIV	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.04
9700	Radius	Slider	HSIV	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
9700	Radius	Slider	HSIV	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.54	0.04
9700	Radius	Slider	HSIV	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
9700	Radius	Slider	HSIV	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.39	31	0.47	0.04
9700	Radius	Slider	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.48	38	0.56	0.04
9700	Radius	Slider	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
9700	Radius	Slider	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.43	36	0.5	0.04
9700	Radius	Slider	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
9700	Radius	Slider	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.39	33	0.44	0.04
9700	Radius	Slider	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.44	41	0.54	0.04
9700	Radius	Slider	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
9700	Radius	Slider	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.39	38	0.48	0.04
9700	Radius	Slider	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
9700	Radius	Slider	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.35	36	0.43	0.04
9700	Radius	Slider	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.29	21	0.54	0.04
9700	Radius	Slider	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
9700	Radius	Slider	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.26	20	0.49	0.04
9700	Radius	Slider	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04
9700	Radius	Slider	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.23	18	0.43	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9700 SUMMIT SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9700	Radius	Slider	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	26	0.53	0.04
9700	Radius	Slider	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
9700	Radius	Slider	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.04
9700	Radius	Slider	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
9700	Radius	Slider	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.23	23	0.42	0.04
9700	Radius	Slider	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.27	26	0.5	0.04
9700	Radius	Slider	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
9700	Radius	Slider	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.44	0.04
9700	Radius	Slider	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
9700	Radius	Slider	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.22	23	0.39	0.04
9700	Radius	Slider	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.24	31	0.42	0.04
9700	Radius	Slider	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
9700	Radius	Slider	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.22	30	0.38	0.04
9700	Radius	Slider	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
9700	Radius	Slider	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.2	29	0.33	0.04
9700	Radius	Slider	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.82	0.32	0.55	31	0.59	0.04
9700	Radius	Slider	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
9700	Radius	Slider	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.49	28	0.52	0.04
9700	Radius	Slider	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04
9700	Radius	Slider	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.82	0.32	0.44	25	0.46	0.04



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9950 APEX ALLOY SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9950	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.59	0.28	0.53	36	0.61	0.1
9950	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.54	0.1
9950	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.48	33	0.54	0.1
9950	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.42	29	0.48	0.1
9950	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.59	0.28	0.42	29	0.48	0.1
9950	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.48	38	0.6	0.1
9950	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.43	35	0.53	0.1
9950	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.43	35	0.53	0.1
9950	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	33	0.47	0.1
9950	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.39	33	0.47	0.1
9950	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.56	0.1
9950	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.5	0.1
9950	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.5	0.1
9950	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.38	34	0.44	0.1
9950	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.38	34	0.44	0.1
9950	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.43	42	0.54	0.1
9950	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.39	40	0.48	0.1
9950	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.39	40	0.48	0.1
9950	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.35	38	0.42	0.1
9950	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.35	38	0.42	0.1
9950	Rectangle	Picture	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.29	23	0.54	0.1
9950	Rectangle	Picture	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.48	0.1
9950	Rectangle	Picture	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.26	21	0.48	0.1
9950	Rectangle	Picture	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1
9950	Rectangle	Picture	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.23	20	0.43	0.1
9950	Rectangle	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.28	27	0.53	0.1
9950	Rectangle	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	26	0.47	0.1
9950	Rectangle	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.25	26	0.47	0.1
9950	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9950	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.23	24	0.42	0.1
9950	Rectangle	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.49	0.1
9950	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	0.1
9950	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	0.1
9950	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.39	0.1
9950	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.39	0.1
9950	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.24	32	0.42	0.1
9950	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.22	31	0.37	0.1
9950	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.22	31	0.37	0.1
9950	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.33	0.1
9950	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.33	0.1
9950	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.54	32	0.58	0.1
9950	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.1
9950	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.76	0.31	0.49	30	0.52	0.1
9950	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.76	0.31	0.43	26	0.46	0.1
9950	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.76	0.31	0.43	26	0.46	0.1
9950	Rectangle	Awning	HS1	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.65	0.29	0.39	26	0.45	0.09
9950	Rectangle	Awning	HS1	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.35	24	0.4	0.09
9950	Rectangle	Awning	HS1	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.35	24	0.4	0.09
9950	Rectangle	Awning	HS1	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.32	22	0.35	0.09
9950	Rectangle	Awning	HS1	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.32	22	0.35	0.09



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9950 APEX ALLOY SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9950	Rectangle	Awning	HS1V	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.36	28	0.44	0.09
9950	Rectangle	Awning	HS1V	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.39	0.09
9950	Rectangle	Awning	HS1V	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.32	26	0.39	0.09
9950	Rectangle	Awning	HS1V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.35	0.09
9950	Rectangle	Awning	HS1V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.48	0.26	0.29	24	0.35	0.09
9950	Rectangle	Awning	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.35	31	0.41	0.09
9950	Rectangle	Awning	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.32	30	0.37	0.09
9950	Rectangle	Awning	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.32	30	0.37	0.09
9950	Rectangle	Awning	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.29	28	0.32	0.09
9950	Rectangle	Awning	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.29	28	0.32	0.09
9950	Rectangle	Awning	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.32	33	0.39	0.09
9950	Rectangle	Awning	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.29	32	0.35	0.09
9950	Rectangle	Awning	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.29	32	0.35	0.09
9950	Rectangle	Awning	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.31	0.09
9950	Rectangle	Awning	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.31	0.09
9950	Rectangle	Awning	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.21	17	0.39	0.09
9950	Rectangle	Awning	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.2	17	0.35	0.09
9950	Rectangle	Awning	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.2	17	0.35	0.09
9950	Rectangle	Awning	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.18	15	0.31	0.09
9950	Rectangle	Awning	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.18	15	0.31	0.09
9950	Rectangle	Awning	HS4V	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	21	0.39	0.09
9950	Rectangle	Awning	HS4V	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	20	0.35	0.09
9950	Rectangle	Awning	HS4V	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	20	0.35	0.09
9950	Rectangle	Awning	HS4V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.17	19	0.31	0.09
9950	Rectangle	Awning	HS4V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.17	19	0.31	0.09
9950	Rectangle	Awning	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.36	0.09
9950	Rectangle	Awning	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	22	0.32	0.09
9950	Rectangle	Awning	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	22	0.32	0.09
9950	Rectangle	Awning	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.16	20	0.29	0.09
9950	Rectangle	Awning	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.16	20	0.29	0.09
9950	Rectangle	Awning	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.18	25	0.31	0.09
9950	Rectangle	Awning	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.17	25	0.27	0.09
9950	Rectangle	Awning	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.17	25	0.27	0.09
9950	Rectangle	Awning	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.15	24	0.24	0.09
9950	Rectangle	Awning	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.15	24	0.24	0.09
9950	Rectangle	Awning	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.4	26	0.42	0.09
9950	Rectangle	Awning	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.70	0.3	0.36	23	0.38	0.09
9950	Rectangle	Awning	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.70	0.3	0.36	23	0.38	0.09
9950	Rectangle	Awning	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.70	0.3	0.33	22	0.34	0.09
9950	Rectangle	Awning	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.70	0.3	0.33	22	0.34	0.09
9950	Rectangle	Casement	HS1	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.39	28	0.45	0.1
9950	Rectangle	Casement	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.35	25	0.4	0.1
9950	Rectangle	Casement	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.35	25	0.4	0.1
9950	Rectangle	Casement	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.32	23	0.35	0.1
9950	Rectangle	Casement	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.32	23	0.35	0.1
9950	Rectangle	Casement	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.36	29	0.44	0.1
9950	Rectangle	Casement	HS1V	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.32	27	0.39	0.1
9950	Rectangle	Casement	HS1V	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.32	27	0.39	0.1
9950	Rectangle	Casement	HS1V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	25	0.35	0.1
9950	Rectangle	Casement	HS1V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	25	0.35	0.1



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9950 APEX ALLOY SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9950	Rectangle	Casement	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.35	31	0.41	0.1
9950	Rectangle	Casement	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.32	30	0.37	0.1
9950	Rectangle	Casement	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.32	30	0.37	0.1
9950	Rectangle	Casement	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.29	28	0.32	0.1
9950	Rectangle	Casement	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.29	28	0.32	0.1
9950	Rectangle	Casement	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.32	33	0.39	0.1
9950	Rectangle	Casement	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.29	32	0.35	0.1
9950	Rectangle	Casement	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.29	32	0.35	0.1
9950	Rectangle	Casement	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.31	0.1
9950	Rectangle	Casement	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.31	0.1
9950	Rectangle	Casement	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.21	17	0.39	0.1
9950	Rectangle	Casement	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.19	16	0.35	0.1
9950	Rectangle	Casement	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.19	16	0.35	0.1
9950	Rectangle	Casement	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.18	15	0.31	0.1
9950	Rectangle	Casement	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.18	15	0.31	0.1
9950	Rectangle	Casement	HS4V	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.21	21	0.39	0.1
9950	Rectangle	Casement	HS4V	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	20	0.35	0.1
9950	Rectangle	Casement	HS4V	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.19	20	0.35	0.1
9950	Rectangle	Casement	HS4V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.17	19	0.31	0.1
9950	Rectangle	Casement	HS4V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.17	19	0.31	0.1
9950	Rectangle	Casement	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.2	23	0.36	0.1
9950	Rectangle	Casement	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	22	0.32	0.1
9950	Rectangle	Casement	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.18	22	0.32	0.1
9950	Rectangle	Casement	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.16	20	0.29	0.1
9950	Rectangle	Casement	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.16	20	0.29	0.1
9950	Rectangle	Casement	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.18	27	0.31	0.1
9950	Rectangle	Casement	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.17	26	0.27	0.1
9950	Rectangle	Casement	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.17	26	0.27	0.1
9950	Rectangle	Casement	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.15	25	0.24	0.1
9950	Rectangle	Casement	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.15	25	0.24	0.1
9950	Rectangle	Casement	Triple Clear	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.4	26	0.42	0.1
9950	Rectangle	Casement	Triple Clear	Under 1" Grille	4, 5	4, 5	No	1.70	0.3	0.36	23	0.38	0.1
9950	Rectangle	Casement	Triple Clear	Under 1" SDL	4, 5	4, 5	No	1.70	0.3	0.36	23	0.38	0.1
9950	Rectangle	Casement	Triple Clear	1" Grille & Larger	4, 5	4, 5	No	1.70	0.3	0.33	22	0.34	0.1
9950	Rectangle	Casement	Triple Clear	1" SDL & Larger	4, 5	4, 5	No	1.70	0.3	0.33	22	0.34	0.1
9950	Rectangle	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	34	0.56	0.14
9950	Rectangle	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.44	32	0.5	0.14
9950	Rectangle	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.44	32	0.5	0.14
9950	Rectangle	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.39	29	0.44	0.14
9950	Rectangle	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.39	29	0.44	0.14
9950	Rectangle	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.45	36	0.55	0.14
9950	Rectangle	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.4	33	0.49	0.14
9950	Rectangle	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.4	33	0.49	0.14
9950	Rectangle	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.36	31	0.43	0.14
9950	Rectangle	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.36	31	0.43	0.14
9950	Rectangle	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.44	39	0.52	0.14
9950	Rectangle	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	0.14
9950	Rectangle	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	0.14
9950	Rectangle	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.35	34	0.4	0.14
9950	Rectangle	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.35	34	0.4	0.14



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9950 APEX ALLOY SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9950	Rectangle	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.14
9950	Rectangle	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.14
9950	Rectangle	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.14
9950	Rectangle	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.32	36	0.39	0.14
9950	Rectangle	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.32	36	0.39	0.14
9950	Rectangle	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.27	22	0.5	0.14
9950	Rectangle	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.24	20	0.44	0.14
9950	Rectangle	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.24	20	0.44	0.14
9950	Rectangle	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.39	0.14
9950	Rectangle	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.39	0.14
9950	Rectangle	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.49	0.14
9950	Rectangle	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.43	0.14
9950	Rectangle	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.43	0.14
9950	Rectangle	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	23	0.38	0.14
9950	Rectangle	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	23	0.38	0.14
9950	Rectangle	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.46	0.14
9950	Rectangle	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.14
9950	Rectangle	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.14
9950	Rectangle	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.36	0.14
9950	Rectangle	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.36	0.14
9950	Rectangle	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.23	32	0.39	0.14
9950	Rectangle	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.34	0.14
9950	Rectangle	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.34	0.14
9950	Rectangle	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.18	29	0.3	0.14
9950	Rectangle	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.18	29	0.3	0.14
9950	Rectangle	Fixed	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.5	31	0.54	0.14
9950	Rectangle	Fixed	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.45	28	0.48	0.14
9950	Rectangle	Fixed	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.45	28	0.48	0.14
9950	Rectangle	Fixed	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.4	25	0.42	0.14
9950	Rectangle	Fixed	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.4	25	0.42	0.14



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9950 APEX ALLOY SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9950	Polygon	Fixed	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.53	0.27	0.49	34	0.56	0.14
9950	Polygon	Fixed	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.44	32	0.5	0.14
9950	Polygon	Fixed	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.44	32	0.5	0.14
9950	Polygon	Fixed	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.39	29	0.44	0.14
9950	Polygon	Fixed	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.53	0.27	0.39	29	0.44	0.14
9950	Polygon	Fixed	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.36	0.24	0.45	36	0.55	0.14
9950	Polygon	Fixed	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.4	33	0.49	0.14
9950	Polygon	Fixed	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.4	33	0.49	0.14
9950	Polygon	Fixed	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.36	31	0.43	0.14
9950	Polygon	Fixed	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.36	31	0.43	0.14
9950	Polygon	Fixed	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.44	39	0.52	0.14
9950	Polygon	Fixed	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	0.14
9950	Polygon	Fixed	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.4	37	0.46	0.14
9950	Polygon	Fixed	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.35	34	0.4	0.14
9950	Polygon	Fixed	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.19	0.21	0.35	34	0.4	0.14
9950	Polygon	Fixed	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.4	40	0.5	0.14
9950	Polygon	Fixed	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.14
9950	Polygon	Fixed	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.36	38	0.44	0.14
9950	Polygon	Fixed	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.32	36	0.39	0.14
9950	Polygon	Fixed	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.32	36	0.39	0.14
9950	Polygon	Fixed	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.27	22	0.5	0.14
9950	Polygon	Fixed	HS4	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.24	20	0.44	0.14
9950	Polygon	Fixed	HS4	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.24	20	0.44	0.14
9950	Polygon	Fixed	HS4	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.39	0.14
9950	Polygon	Fixed	HS4	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.53	0.27	0.21	18	0.39	0.14
9950	Polygon	Fixed	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	26	0.49	0.14
9950	Polygon	Fixed	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.43	0.14
9950	Polygon	Fixed	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.24	25	0.43	0.14
9950	Polygon	Fixed	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	23	0.38	0.14
9950	Polygon	Fixed	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.21	23	0.38	0.14
9950	Polygon	Fixed	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.25	27	0.46	0.14
9950	Polygon	Fixed	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.14
9950	Polygon	Fixed	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.22	25	0.4	0.14
9950	Polygon	Fixed	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.36	0.14
9950	Polygon	Fixed	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.2	24	0.36	0.14
9950	Polygon	Fixed	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.23	32	0.39	0.14
9950	Polygon	Fixed	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.34	0.14
9950	Polygon	Fixed	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.2	30	0.34	0.14
9950	Polygon	Fixed	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.18	29	0.3	0.14
9950	Polygon	Fixed	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.18	29	0.3	0.14
9950	Polygon	Fixed	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.5	31	0.54	0.14
9950	Polygon	Fixed	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.45	28	0.48	0.14
9950	Polygon	Fixed	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.45	28	0.48	0.14
9950	Polygon	Fixed	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.4	25	0.42	0.14
9950	Polygon	Fixed	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.4	25	0.42	0.14
9950	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.59	37	0.68	0.11
9950	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.61	0.11
9950	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.61	0.11
9950	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.55	0.11
9950	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.55	0.11



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9950 APEX ALLOY SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9950	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.54	40	0.67	0.11
9950	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.11
9950	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.11
9950	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.53	0.11
9950	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.53	0.11
9950	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.53	43	0.63	0.11
9950	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.56	0.11
9950	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.56	0.11
9950	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.5	0.11
9950	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.5	0.11
9950	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.49	46	0.6	0.11
9950	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	43	0.54	0.11
9950	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	43	0.54	0.11
9950	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.39	40	0.48	0.11
9950	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.39	40	0.48	0.11
9950	Polygon	Picture	HS4	None	4, 5	4, 5	No	1.65	0.29	0.32	22	0.6	0.11
9950	Polygon	Picture	HS4	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.29	20	0.54	0.11
9950	Polygon	Picture	HS4	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.29	20	0.54	0.11
9950	Polygon	Picture	HS4	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.48	0.11
9950	Polygon	Picture	HS4	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.48	0.11
9950	Polygon	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.31	28	0.59	0.11
9950	Polygon	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	27	0.53	0.11
9950	Polygon	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	27	0.53	0.11
9950	Polygon	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.11
9950	Polygon	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.11
9950	Polygon	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.3	30	0.55	0.11
9950	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.5	0.11
9950	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.5	0.11
9950	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	0.11
9950	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	0.11
9950	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.27	34	0.47	0.11
9950	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.25	33	0.42	0.11
9950	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.25	33	0.42	0.11
9950	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.22	31	0.38	0.11
9950	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.22	31	0.38	0.11
9950	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.87	0.33	0.61	34	0.65	0.11
9950	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.87	0.33	0.55	31	0.58	0.11
9950	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.87	0.33	0.55	31	0.58	0.11
9950	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.87	0.33	0.49	27	0.52	0.11
9950	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.87	0.33	0.49	27	0.52	0.11
9950	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.59	37	0.68	0.11
9950	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.61	0.11
9950	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.70	0.3	0.54	34	0.61	0.11
9950	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.55	0.11
9950	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.55	0.11
9950	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.54	40	0.67	0.11
9950	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.11
9950	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.49	37	0.6	0.11
9950	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.53	0.11
9950	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.44	34	0.53	0.11



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## 9950 APEX ALLOY SERIES / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
9950	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.53	43	0.63	0.11
9950	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.56	0.11
9950	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.48	40	0.56	0.11
9950	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.5	0.11
9950	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.25	0.22	0.43	37	0.5	0.11
9950	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.49	46	0.6	0.11
9950	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	43	0.54	0.11
9950	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.44	43	0.54	0.11
9950	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.39	40	0.48	0.11
9950	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.02	0.18	0.39	40	0.48	0.11
9950	Radius	Picture	HS4	None	4, 5	4, 5	No	1.65	0.29	0.32	22	0.6	0.11
9950	Radius	Picture	HS4	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.29	20	0.54	0.11
9950	Radius	Picture	HS4	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.29	20	0.54	0.11
9950	Radius	Picture	HS4	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.48	0.11
9950	Radius	Picture	HS4	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.48	0.11
9950	Radius	Picture	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.31	28	0.59	0.11
9950	Radius	Picture	HS4V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	27	0.53	0.11
9950	Radius	Picture	HS4V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.29	27	0.53	0.11
9950	Radius	Picture	HS4V	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.11
9950	Radius	Picture	HS4V	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.26	25	0.47	0.11
9950	Radius	Picture	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.3	30	0.55	0.11
9950	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.5	0.11
9950	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.27	28	0.5	0.11
9950	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	0.11
9950	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.25	0.22	0.24	26	0.44	0.11
9950	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.27	34	0.47	0.11
9950	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.25	33	0.42	0.11
9950	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.25	33	0.42	0.11
9950	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.22	31	0.38	0.11
9950	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	0.97	0.17	0.22	31	0.38	0.11
9950	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.87	0.33	0.61	34	0.65	0.11
9950	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.87	0.33	0.55	31	0.58	0.11
9950	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.87	0.33	0.55	31	0.58	0.11
9950	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.87	0.33	0.49	27	0.52	0.11
9950	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.87	0.33	0.49	27	0.52	0.11



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023





# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## VANTAGE PATIO DOOR SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
Vantage	Rectangle	2 Wide	Blinds	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.28	20	0.48	0.26
Vantage	Rectangle	2 Wide	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.52	33	0.6	0.26
Vantage	Rectangle	2 Wide	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.4195	0.25	0.47	35	0.58	0.26
Vantage	Rectangle	2 Wide	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.47	37	0.55	0.26
Vantage	Rectangle	2 Wide	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	39	0.53	0.26
Vantage	Rectangle	2 Wide	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.28	20	0.53	0.26
Vantage	Rectangle	2 Wide	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	25	0.52	0.26
Vantage	Rectangle	2 Wide	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	25	0.48	0.26
Vantage	Rectangle	2 Wide	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.24	29	0.41	0.26
Vantage	Rectangle	2 Wide	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.87	0.33	0.53	29	0.57	0.26
Vantage	Rectangle	3 Wide	Blinds	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.28	20	0.48	0.26
Vantage	Rectangle	3 Wide	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.52	33	0.6	0.26
Vantage	Rectangle	3 Wide	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	35	0.58	0.26
Vantage	Rectangle	3 Wide	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.47	37	0.55	0.26
Vantage	Rectangle	3 Wide	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	39	0.53	0.26
Vantage	Rectangle	3 Wide	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.28	20	0.53	0.26
Vantage	Rectangle	3 Wide	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	25	0.52	0.26
Vantage	Rectangle	3 Wide	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	25	0.48	0.26
Vantage	Rectangle	3 Wide	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.24	29	0.41	0.26
Vantage	Rectangle	3 Wide	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.87	0.33	0.53	29	0.57	0.26
Vantage	Rectangle	4 Wide	Blinds	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.28	20	0.48	0.26
Vantage	Rectangle	4 Wide	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.65	0.29	0.52	33	0.6	0.26
Vantage	Rectangle	4 Wide	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	35	0.58	0.26
Vantage	Rectangle	4 Wide	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.31	0.23	0.47	37	0.55	0.26
Vantage	Rectangle	4 Wide	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	39	0.53	0.26
Vantage	Rectangle	4 Wide	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.28	20	0.53	0.26
Vantage	Rectangle	4 Wide	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.28	25	0.52	0.26
Vantage	Rectangle	4 Wide	HS5	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.31	0.23	0.26	25	0.48	0.26
Vantage	Rectangle	4 Wide	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.08	0.19	0.24	29	0.41	0.26
Vantage	Rectangle	4 Wide	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.87	0.33	0.53	29	0.57	0.26



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## VISCOUNT PATIO DOOR SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
Viscount	Rectangle	2 Wide	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.64662	0.29	0.56	36	0.65	0.33
Viscount	Rectangle	2 Wide	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.4195	0.25	0.51	38	0.63	0.33
Viscount	Rectangle	2 Wide	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.58984	0.28	0.3	22	0.57	0.33
Viscount	Rectangle	2 Wide	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36272	0.24	0.3	27	0.56	0.33
Viscount	Rectangle	3 Wide	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.64662	0.29	0.56	36	0.65	0.33
Viscount	Rectangle	3 Wide	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.51	38	0.63	0.33
Viscount	Rectangle	3 Wide	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.57	0.33
Viscount	Rectangle	3 Wide	HS4V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.36	0.24	0.3	27	0.56	0.33



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## METRO PATIO DOOR SERIES / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
Metro PD	Rectangle	2 Wide	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.65	0.29	0.56	36	0.65	0.33
Metro PD	Rectangle	2 Wide	HS4	None	4, 5, 6, 7A	4, 5, 6, 7A	No	1.59	0.28	0.3	22	0.57	0.33



**Legend:**

Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## WOOD TRANSOMS FOR DOORS / Rectangle Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
Wood Transom	Rectangle	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.93	0.34	0.58	31	0.66	0.03
Wood Transom	Rectangle	Picture	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.53	28	0.6	0.03
Wood Transom	Rectangle	Picture	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.53	28	0.6	0.03
Wood Transom	Rectangle	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.48	25	0.54	0.03
Wood Transom	Rectangle	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.48	25	0.54	0.03
Wood Transom	Rectangle	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.52	33	0.65	0.03
Wood Transom	Rectangle	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.59	0.03
Wood Transom	Rectangle	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.59	0.03
Wood Transom	Rectangle	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.53	0.03
Wood Transom	Rectangle	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.53	0.03
Wood Transom	Rectangle	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.52	39	0.61	0.03
Wood Transom	Rectangle	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	36	0.55	0.03
Wood Transom	Rectangle	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	36	0.55	0.03
Wood Transom	Rectangle	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.43	34	0.5	0.03
Wood Transom	Rectangle	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.43	34	0.5	0.03
Wood Transom	Rectangle	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.47	42	0.59	0.03
Wood Transom	Rectangle	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.53	0.03
Wood Transom	Rectangle	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.53	0.03
Wood Transom	Rectangle	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.39	38	0.48	0.03
Wood Transom	Rectangle	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.39	38	0.48	0.03
Wood Transom	Rectangle	Picture	HS4	None	Not Compliant	Not Compliant	No	1.87	0.33	0.31	17	0.59	0.03
Wood Transom	Rectangle	Picture	HS4	Under 1" Grille	Not Compliant	Not Compliant	No	1.87	0.33	0.28	15	0.53	0.03
Wood Transom	Rectangle	Picture	HS4	Under 1" SDL	Not Compliant	Not Compliant	No	1.87	0.33	0.28	15	0.53	0.03
Wood Transom	Rectangle	Picture	HS4	1" Grille & Larger	Not Compliant	Not Compliant	No	1.87	0.33	0.26	14	0.48	0.03
Wood Transom	Rectangle	Picture	HS4	1" SDL & Larger	Not Compliant	Not Compliant	No	1.87	0.33	0.26	14	0.48	0.03
Wood Transom	Rectangle	Picture	HS4V	None	4, 5	4, 5	No	1.65	0.29	0.31	22	0.57	0.03
Wood Transom	Rectangle	Picture	HS4V	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.28	20	0.52	0.03
Wood Transom	Rectangle	Picture	HS4V	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.28	20	0.52	0.03
Wood Transom	Rectangle	Picture	HS4V	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.47	0.03
Wood Transom	Rectangle	Picture	HS4V	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.47	0.03
Wood Transom	Rectangle	Picture	HS5	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	26	0.54	0.03
Wood Transom	Rectangle	Picture	HS5	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.49	0.03
Wood Transom	Rectangle	Picture	HS5	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.49	0.03
Wood Transom	Rectangle	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.44	0.03
Wood Transom	Rectangle	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.44	0.03
Wood Transom	Rectangle	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.46	0.03
Wood Transom	Rectangle	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.41	0.03
Wood Transom	Rectangle	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.41	0.03
Wood Transom	Rectangle	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.22	28	0.37	0.03
Wood Transom	Rectangle	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.22	28	0.37	0.03
Wood Transom	Rectangle	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.99	0.35	0.59	30	0.63	0.03
Wood Transom	Rectangle	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.54	28	0.57	0.03
Wood Transom	Rectangle	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.54	28	0.57	0.03
Wood Transom	Rectangle	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.49	25	0.52	0.03
Wood Transom	Rectangle	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.49	25	0.52	0.03



**Legend:**

Standards: U-Values = NFRC 100-1;  
 SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
 V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## WOOD TRANSOMS FOR DOORS / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
Wood Transom	Polygon	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.93	0.34	0.58	31	0.66	0.03
Wood Transom	Polygon	Picture	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.53	28	0.6	0.03
Wood Transom	Polygon	Picture	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.53	28	0.6	0.03
Wood Transom	Polygon	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.48	25	0.54	0.03
Wood Transom	Polygon	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.48	25	0.54	0.03
Wood Transom	Polygon	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.52	33	0.65	0.03
Wood Transom	Polygon	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.59	0.03
Wood Transom	Polygon	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.59	0.03
Wood Transom	Polygon	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.53	0.03
Wood Transom	Polygon	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.53	0.03
Wood Transom	Polygon	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.52	39	0.61	0.03
Wood Transom	Polygon	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	36	0.55	0.03
Wood Transom	Polygon	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	36	0.55	0.03
Wood Transom	Polygon	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.43	34	0.5	0.03
Wood Transom	Polygon	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.43	34	0.5	0.03
Wood Transom	Polygon	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.47	42	0.59	0.03
Wood Transom	Polygon	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.53	0.03
Wood Transom	Polygon	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.53	0.03
Wood Transom	Polygon	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.39	38	0.48	0.03
Wood Transom	Polygon	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.39	38	0.48	0.03
Wood Transom	Polygon	Picture	HS4	None	Not Compliant	Not Compliant	No	1.87	0.33	0.31	17	0.59	0.03
Wood Transom	Polygon	Picture	HS4	Under 1" Grille	Not Compliant	Not Compliant	No	1.87	0.33	0.28	15	0.53	0.03
Wood Transom	Polygon	Picture	HS4	Under 1" SDL	Not Compliant	Not Compliant	No	1.87	0.33	0.28	15	0.53	0.03
Wood Transom	Polygon	Picture	HS4	1" Grille & Larger	Not Compliant	Not Compliant	No	1.87	0.33	0.26	14	0.48	0.03
Wood Transom	Polygon	Picture	HS4	1" SDL & Larger	Not Compliant	Not Compliant	No	1.87	0.33	0.26	14	0.48	0.03
Wood Transom	Polygon	Picture	HS4V	None	4, 5	4, 5	No	1.65	0.29	0.31	22	0.57	0.03
Wood Transom	Polygon	Picture	HS4V	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.28	20	0.52	0.03
Wood Transom	Polygon	Picture	HS4V	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.28	20	0.52	0.03
Wood Transom	Polygon	Picture	HS4V	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.47	0.03
Wood Transom	Polygon	Picture	HS4V	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.47	0.03
Wood Transom	Polygon	Picture	HS5	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	26	0.54	0.03
Wood Transom	Polygon	Picture	HS5	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.49	0.03
Wood Transom	Polygon	Picture	HS5	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.49	0.03
Wood Transom	Polygon	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.44	0.03
Wood Transom	Polygon	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.44	0.03
Wood Transom	Polygon	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.46	0.03
Wood Transom	Polygon	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.41	0.03
Wood Transom	Polygon	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.41	0.03
Wood Transom	Polygon	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.22	28	0.37	0.03
Wood Transom	Polygon	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.22	28	0.37	0.03
Wood Transom	Polygon	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.99	0.35	0.59	30	0.63	0.03
Wood Transom	Polygon	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.54	28	0.57	0.03
Wood Transom	Polygon	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.54	28	0.57	0.03
Wood Transom	Polygon	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.49	25	0.52	0.03
Wood Transom	Polygon	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.49	25	0.52	0.03
Wood Transom	Radius	Picture	HS1	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.93	0.34	0.58	31	0.66	0.03
Wood Transom	Radius	Picture	HS1	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.53	28	0.6	0.03
Wood Transom	Radius	Picture	HS1	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.53	28	0.6	0.03
Wood Transom	Radius	Picture	HS1	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.48	25	0.54	0.03
Wood Transom	Radius	Picture	HS1	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.93	0.34	0.48	25	0.54	0.03



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023



# CODE COMPLIANCE ENERGY STAR & NBC 9.36

2015 & 2020 Codes for Alberta, Saskatchewan, Manitoba & Ontario

## WOOD TRANSOMS FOR DOORS / Polygon & Radius Units

SERIES	SHAPE	TYPE	GLAZING	GRILLES	2015 9.36 CODE ZONES (AB, MB, SK, ON)	2020 9.36 CODE ZONES (AB, MB, SK, ON)	2020 ENERGYSTAR COMPLIANT	U-VALUE (METRIC)	U-VALUE (IMPERIAL)	SHGC	ER	VT	AIR LEAKAGE (METRIC)
Wood Transom	Radius	Picture	HS1V	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.52	33	0.65	0.03
Wood Transom	Radius	Picture	HS1V	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.59	0.03
Wood Transom	Radius	Picture	HS1V	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.70	0.3	0.48	30	0.59	0.03
Wood Transom	Radius	Picture	HS1V	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.53	0.03
Wood Transom	Radius	Picture	HS1V	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.70	0.3	0.43	28	0.53	0.03
Wood Transom	Radius	Picture	HS2	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.52	39	0.61	0.03
Wood Transom	Radius	Picture	HS2	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	36	0.55	0.03
Wood Transom	Radius	Picture	HS2	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.47	36	0.55	0.03
Wood Transom	Radius	Picture	HS2	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.43	34	0.5	0.03
Wood Transom	Radius	Picture	HS2	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.42	0.25	0.43	34	0.5	0.03
Wood Transom	Radius	Picture	HS3	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.47	42	0.59	0.03
Wood Transom	Radius	Picture	HS3	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.53	0.03
Wood Transom	Radius	Picture	HS3	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.43	40	0.53	0.03
Wood Transom	Radius	Picture	HS3	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.39	38	0.48	0.03
Wood Transom	Radius	Picture	HS3	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.39	38	0.48	0.03
Wood Transom	Radius	Picture	HS4	None	Not Compliant	Not Compliant	No	1.87	0.33	0.31	17	0.59	0.03
Wood Transom	Radius	Picture	HS4	Under 1" Grille	Not Compliant	Not Compliant	No	1.87	0.33	0.28	15	0.53	0.03
Wood Transom	Radius	Picture	HS4	Under 1" SDL	Not Compliant	Not Compliant	No	1.87	0.33	0.28	15	0.53	0.03
Wood Transom	Radius	Picture	HS4	1" Grille & Larger	Not Compliant	Not Compliant	No	1.87	0.33	0.26	14	0.48	0.03
Wood Transom	Radius	Picture	HS4	1" SDL & Larger	Not Compliant	Not Compliant	No	1.87	0.33	0.26	14	0.48	0.03
Wood Transom	Radius	Picture	HS4V	None	4, 5	4, 5	No	1.65	0.29	0.31	22	0.57	0.03
Wood Transom	Radius	Picture	HS4V	Under 1" Grille	4, 5	4, 5	No	1.65	0.29	0.28	20	0.52	0.03
Wood Transom	Radius	Picture	HS4V	Under 1" SDL	4, 5	4, 5	No	1.65	0.29	0.28	20	0.52	0.03
Wood Transom	Radius	Picture	HS4V	1" Grille & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.47	0.03
Wood Transom	Radius	Picture	HS4V	1" SDL & Larger	4, 5	4, 5	No	1.65	0.29	0.26	19	0.47	0.03
Wood Transom	Radius	Picture	HS5	None	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.29	26	0.54	0.03
Wood Transom	Radius	Picture	HS5	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.49	0.03
Wood Transom	Radius	Picture	HS5	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.26	24	0.49	0.03
Wood Transom	Radius	Picture	HS5	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.44	0.03
Wood Transom	Radius	Picture	HS5	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A, 7B, 8	No	1.42	0.25	0.24	23	0.44	0.03
Wood Transom	Radius	Picture	HS6	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.26	30	0.46	0.03
Wood Transom	Radius	Picture	HS6	Under 1" Grille	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.41	0.03
Wood Transom	Radius	Picture	HS6	Under 1" SDL	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.24	29	0.41	0.03
Wood Transom	Radius	Picture	HS6	1" Grille & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.22	28	0.37	0.03
Wood Transom	Radius	Picture	HS6	1" SDL & Larger	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	Yes	1.14	0.2	0.22	28	0.37	0.03
Wood Transom	Radius	Picture	Triple Clear	None	4, 5, 6, 7A, 7B, 8	4, 5, 6, 7A, 7B, 8	No	1.99	0.35	0.59	30	0.63	0.03
Wood Transom	Radius	Picture	Triple Clear	Under 1" Grille	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.54	28	0.57	0.03
Wood Transom	Radius	Picture	Triple Clear	Under 1" SDL	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.54	28	0.57	0.03
Wood Transom	Radius	Picture	Triple Clear	1" Grille & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.49	25	0.52	0.03
Wood Transom	Radius	Picture	Triple Clear	1" SDL & Larger	4, 5, 6, 7A	4, 5, 6, 7A	No	1.99	0.35	0.49	25	0.52	0.03



**Legend:**  
Standards: U-Values = NFRC 100-1;  
SHGC (Solar Heat Gain Coefficient) / ER (Energy Rating) / VT (Visible Transmittance) = NFRC 200-1  
V2 002309.03.30.23 March 2023

