



Thermal Performance Data

*ENERGY STAR performance is based on Residential NFRC sizes		
Climate	U-Value	SHGC
N=Northern	0.35 and below	any
NC=North Central	0.40 and below	0.55 and below
SC=South Central	0.40 and below	0.40 and below
S=Southern	0.75 and below	0.40 and below






Brighton Double Hung

Product Type	Glazing Options		Residential NFRC 48" x 60"				ENERGY STAR Energy Star
	Glazing Thickness	Glazing Type	U-Value	R-Value	Solar Heat Gain Co-Efficient	Visible Light Transmittance	
Without Grilles	DSB	Insul	0.49	2.04	0.54	0.57	
	DSB	Insul w/Argon Gas	0.47	2.13	0.54	0.57	
	DSB	Insul Low E	0.37	2.70	0.26	0.48	NC,SC,S
	DSB	Insul Low E w/Argon Gas	0.34	2.94	0.26	0.48	N,NC,SC,S
With Grilles (Standard 0.75")	DSB	Insul	0.49	2.04	0.48	0.50	
	DSB	Insul w/Argon Gas	0.47	2.13	0.48	0.50	
	DSB	Insul Low E	0.37	2.70	0.23	0.43	NC,SC,S
	DSB	Insul Low E w/Argon Gas	0.34	2.94	0.23	0.43	N,NC,SC,S






Brighton Casement

Product Type	Glazing Options		Residential NFRC 24" x 60"				ENERGY STAR Energy Star
	Glazing Thickness	Glazing Type	U-Value	R-Value	Solar Heat Gain Co-Efficient	Visible Light Transmittance	
Without Grilles	DSB	Insul	0.48	2.08	0.52	0.54	
	DSB	Insul w/Argon Gas	0.46	2.17	0.52	0.54	
	DSB	Insul Low E	0.37	2.70	0.25	0.46	NC,SC,S
	DSB	Insul Low E w/Argon Gas	0.34	2.94	0.25	0.46	N,NC,SC,S
With Grilles (Standard 0.75")	DSB	Insul	0.48	2.08	0.47	0.49	
	DSB	Insul w/Argon Gas	0.46	2.17	0.47	0.49	
	DSB	Insul Low E	0.37	2.70	0.23	0.41	NC,SC,S
	DSB	Insul Low E w/Argon Gas	0.34	2.94	0.23	0.41	N,NC,SC,S






Brighton Casement Picture Window

Product Type	Glazing Options			Residential NFRC 48" x 60"				 ENERGY STAR Energy Star
	Glazing Thickness	Glazing Type		U-Value	R-Value	Solar Heat Gain Co-Efficient	Visible Light Transmittance	
Without Grilles	DSB	Insul		0.47	2.13	0.61	0.64	
	DSB	Insul w/Argon Gas		0.45	2.22	0.61	0.64	
	DSB	Insul Low E		0.34	2.94	0.29	0.54	N,NC,SC,S
	DSB	Insul Low E w/Argon Gas		0.30	3.33	0.29	0.54	N,NC,SC,S
With Grilles (Standard 0.75")	DSB	Insul		0.47	2.13	0.55	0.57	
	DSB	Insul w/Argon Gas		0.45	2.22	0.55	0.57	
	DSB	Insul Low E		0.34	2.94	0.26	0.48	N,NC,SC,S
	DSB	Insul Low E w/Argon Gas		0.30	3.33	0.26	0.48	N,NC,SC,S

Brighton Double Hung Picture Window

Product Type	Glazing Options			Residential NFRC 48" x 60"				 ENERGY STAR Energy Star
	Glazing Thickness	Glazing Type		U-Value	R-Value	Solar Heat Gain Co-Efficient	Visible Light Transmittance	
Without Grilles	DSB	Insul		0.48	2.08	0.60	0.63	
	DSB	Insul w/Argon Gas		0.46	2.17	0.60	0.63	
	DSB	Insul Low E		0.35	2.86	0.29	0.54	N,NC,SC,S
	DSB	Insul Low E w/Argon Gas		0.31	3.23	0.28	0.54	N,NC,SC,S
With Grilles (Standard 0.75")	DSB	Insul		0.48	2.08	0.54	0.57	
	DSB	Insul w/Argon Gas		0.46	2.17	0.54	0.57	
	DSB	Insul Low E		0.35	2.86	0.26	0.48	N,NC,SC,S
	DSB	Insul Low E w/Argon Gas		0.31	3.23	0.26	0.48	N,NC,SC,S

Brighton Direct Set Picture Window

Product Type	Glazing Options			Residential NFRC 48" x 60"				 ENERGY STAR Energy Star
	Glazing Thickness	Glazing Type		U-Value	R-Value	Solar Heat Gain Co-Efficient	Visible Light Transmittance	
Without Grilles	DSB	Insul		0.48	2.08	0.69	0.74	
	DSB	Insul w/Argon Gas		0.45	2.22	0.69	0.74	
	DSB	Insul Low E		0.32	3.13	0.33	0.62	N,NC,SC,S
	DSB	Insul Low E w/Argon Gas		0.28	3.57	0.32	0.62	N,NC,SC,S
With Grilles (Standard 0.75")	DSB	Insul		0.48	2.08	0.63	0.66	
	DSB	Insul w/Argon Gas		0.45	2.22	0.63	0.66	
	DSB	Insul Low E		0.32	3.13	0.30	0.56	N,NC,SC,S
	DSB	Insul Low E w/Argon Gas		0.28	3.57	0.30	0.56	N,NC,SC,S