

WINTECH

Non-Thermal Break Window Performance 225 Series

Window Configuration

Glass Type		Center of Glass			Total Window				Center of Glass			Total Window	
		CLEAR IG			CLEAR IG				BRONZE (TINT) IG			BRONZE (TINT) IG	
Size	U Value	SHGC	VLT	U Value	SHGC	Size	U Value	SHGC	VLT	U Value	SHGC		
XO Slider	3016	0.502	0.763	81%	1.130	0.642	3016	0.502	0.629	61%	1.168	0.558	
	3030	0.502	0.763	81%	0.939	0.678	3030	0.502	0.629	61%	0.939	0.582	
	4030	0.502	0.763	81%	0.877	0.690	4030	0.502	0.629	61%	0.877	0.589	
	6030	0.502	0.763	81%	0.816	0.702	4040	0.502	0.629	61%	0.834	0.592	
	4046	0.502	0.763	81%	0.824	0.699	6030	0.502	0.629	61%	0.816	0.595	
Average				0.917	0.682	Average				0.927	0.583		
Glass Type		CLEAR IG			CLEAR IG				BRONZE (TINT) IG			BRONZE (TINT) IG	
Size	U Value	SHGC	VLT	U Value	SHGC	Size	U Value	SHGC	VLT	U Value	SHGC		
Fixed	3016	0.502	0.763	81%	1.064	0.655	3060	0.502	0.629	61%	0.851	0.589	
	3030	0.502	0.763	81%	0.853	0.694	3016	0.502	0.629	61%	1.064	0.57	
	6030	0.502	0.763	81%	0.773	0.710	3030	0.502	0.629	61%	0.853	0.591	
	2060	0.502	0.763	81%	0.851	0.692	4040	0.502	0.629	61%	0.767	0.599	
	4046	0.502	0.763	81%	0.756	0.712	6030	0.502	0.629	61%	0.773	0.6	
Average				0.859	0.693	Average				0.862	0.590		
Glass Type		CLEAR IG			CLEAR IG				BRONZE (TINT) IG			BRONZE (TINT) IG	
Size	U Value	SHGC	VLT	U Value	SHGC	Size	U Value	SHGC	VLT	U Value	SHGC		
Single Hung	3030	0.502	0.763	81%	0.939	0.678	3030	0.502	0.629	61%	0.939	0.582	
	3040	0.502	0.763	81%	0.874	0.69	3040	0.502	0.629	61%	0.874	0.588	
	3050	0.502	0.763	81%	0.833	0.696	3050	0.502	0.629	61%	0.833	0.591	
Average				0.907	0.684	Average				0.907	0.585		

Window Configuration

Glass Type		Center of Glass			Total Window				Center of Glass			Total Window	
		CLEAR Low E IG			CLEAR Low E IG				CLEAR Low E w/ ARGON IG			CLEAR Low E w/ ARGON IG	
Size	U Value	SHGC	VLT	U Value	SHGC	Size	U Value	SHGC	VLT	U Value	SHGC		
XO Slider	3016	0.290	0.281	54%	1.041	0.361	3016	0.240	0.274	54%	1.013	0.356	
	3030	0.290	0.281	54%	0.829	0.338	3030	0.240	0.274	54%	0.792	0.332	
	4030	0.290	0.281	54%	0.757	0.33	4030	0.240	0.274	54%	0.715	0.325	
	4040	0.290	0.281	54%	0.71	0.325	4040	0.240	0.274	54%	0.666	0.319	
	6030	0.290	0.281	54%	0.685	0.323	6030	0.240	0.274	54%	0.638	0.317	
Average				0.804	0.335	Average				0.765	0.330		
Glass Type		CLEAR Low E IG			CLEAR Low E IG				CLEAR Low E w/ ARGON IG			CLEAR Low E w/ ARGON IG	
Size	U Value	SHGC	VLT	U Value	SHGC	Size	U Value	SHGC	VLT	U Value	SHGC		
Fixed	3016	0.290	0.281	54%	0.964	0.353	3016	0.240	0.274	54%	0.931	0.348	
	3030	0.290	0.281	54%	0.727	0.328	3030	0.240	0.274	54%	0.682	0.322	
	6030	0.290	0.281	54%	0.634	0.318	6030	0.240	0.274	54%	0.583	0.312	
	2060	0.290	0.281	54%	0.732	0.328	2060	0.240	0.274	54%	0.689	0.322	
	4046	0.290	0.281	54%	0.613	0.316	4046	0.240	0.274	54%	0.562	0.31	
Average				0.734	0.329	Average				0.689	0.323		
Glass Type		CLEAR Low E IG			CLEAR Low E IG				CLEAR Low E w/ ARGON IG			CLEAR Low E w/ ARGON IG	
Size	U Value	SHGC	VLT	U Value	SHGC	Size	U Value	SHGC	VLT	U Value	SHGC		
Single Hung	3030	0.290	0.281	54%	0.829	0.338	3030	0.240	0.274	54%	0.792	0.332	
	3040	0.290	0.281	54%	0.756	0.33	3040	0.240	0.274	54%	0.714	0.324	
	3050	0.290	0.281	54%	0.711	0.326	3050	0.240	0.274	54%	0.667	0.32	
Average				0.793	0.334	Average				0.753	0.328		

Data was calculated using Windows 6.3 computer program with NFRC validated spectral data files

*Data was calculated using DSB Clear & DSB Bronze insulated glass & DSB Clear Low E Glass (Guardian Low E 55/27 #2 surface)

& DSB Clear Low E Glass (Guardian Low E 55/27 #2 surface) with Argon.

SHGC = Solar Heat Gain Coefficient

VLT = Visible Light Transmittance