

# ModernView Windows

## NFRC Ratings- United Window MFG

### Residential Ratings

Products	3/4" Clear Insulated Glass			Smarter Low E			Smarter Low E with Argon		
	U Value	SHGC	VLT	U Value	SHGC	VLT	U Value	SHGC	VLT
4200 Single Hung	0.5	0.62	0.65	0.35	0.33	0.57	0.31	0.33	0.57
4200 Picture Window	0.49	0.66	0.7	0.33	0.35	0.61	0.29	0.35	0.61
4200 Sliders	0.51	0.6	0.63	0.37	0.32	0.55	0.33	0.32	0.57
4200 Hopper	0.48	0.56	0.58	0.35	0.3	0.51	0.32	0.3	0.53
2900 Single Hung	0.52	0.62	0.64	0.37	0.33	0.56	0.34	0.33	0.56
2900 Picture Window	0.51	0.66	0.68	0.35	0.34	0.6	0.32	0.34	0.6
4100 Double Hung	0.5	0.57	0.6	0.35	0.31	0.52	0.32	0.31	0.52
4100 Picture Window	0.5	0.69	0.73	0.33	0.36	0.64	0.29	0.36	0.64
4100 Sliders	0.5	0.57	0.6	0.36	0.31	0.52	0.31	0.31	0.52
4800 Double Hung	0.5	0.57	0.6	0.36	0.31	0.52	0.33	0.31	0.55
4900 Double Hung	0.5	0.57	0.6	0.35	0.31	0.52	0.32	0.31	0.52
4900 Picture Window	0.5	0.68	0.73	0.33	0.36	0.64	0.29	0.36	0.64
4900 Sliders	0.5	0.57	0.6	0.36	0.31	0.52	0.32	0.31	0.52
800 Double Hung	0.49	0.57	0.6	0.34	0.31	0.52	0.3	0.31	0.52
800 Picture Window	0.47	0.61	0.64	0.35	0.32	0.56	0.28	0.32	0.56
800 Slider	0.5	0.57	0.59	0.32	0.3	0.52	0.32	0.3	0.52
700 Casement	0.46	0.54	0.56	0.33	0.29	0.49	0.3	0.29	0.49
700 Picture Window	0.47	0.61	0.64	0.32	0.32	0.56	0.28	0.32	0.56
3131 Patio Door*	0.5	0.64	0.66	0.35	0.33	0.58	0.31	0.33	0.6

### Non Residential Ratings

Products	3/4" Clear Insulated Glass			Smarter Low E			Smarter Low E with Argon		
	U Value	SHGC	VLT	U Value	SHGC	VLT	U Value	SHGC	VLT
4200 Single Hung	0.5	0.6	0.67	0.34	0.33	0.57	0.3	0.33	0.57
4200 Picture Window	0.49	0.63	0.7	0.33	0.34	0.61	0.28	0.34	0.61
4200 Sliders	0.51	0.59	0.65	0.36	0.33	0.57	0.32	0.33	0.57
4200 Hopper	0.49	0.55	0.61	0.34	0.31	0.53	0.31	0.31	0.53
2900 Single Hung	0.52	0.6	0.65	0.37	0.33	0.57	0.32	0.33	0.57
2900 Picture Window	0.51	0.62	0.68	0.35	0.34	0.6	0.31	0.34	0.6
4100 Double Hung	0.5	0.57	0.62	0.36	0.32	0.55	0.32	0.32	0.55
4100 Picture Window	0.5	0.65	0.72	0.33	0.35	0.63	0.28	0.35	0.63
4100 Sliders	0.5	0.57	0.62	0.35	0.32	0.55	0.31	0.32	0.55
4800 Double Hung	0.5	0.57	0.62	0.35	0.32	0.55	0.31	0.32	0.55
4900 Double Hung	0.5	0.57	0.62	0.36	0.32	0.55	0.32	0.32	0.55
4900 Picture Window	0.5	0.65	0.72	0.33	0.35	0.63	0.28	0.35	0.63
4900 Sliders	0.5	0.57	0.62	0.35	0.32	0.55	0.31	0.32	0.55
800 Double Hung	0.49	0.57	0.62	0.34	0.32	0.55	0.3	0.32	0.55
800 Picture Window	0.48	0.59	0.65	0.32	0.33	0.57	0.28	0.33	0.57
800 Slider	0.5	0.56	0.62	0.35	0.31	0.54	0.31	0.31	0.54
700 Casement	0.47	0.54	0.59	0.32	0.3	0.52	0.29	0.3	0.52
700 Picture Window	0.47	0.61	0.64	0.32	0.33	0.57	0.28	0.33	0.57
3131 Patio Door*	0.5	0.59	0.65	0.35	0.32	0.57	0.31	0.32	0.57

**\*3131 Patio Door has an overall IG unit of 1"**

**U Value - is the inverse of R Value. The lower the U Value, the better the insulating ability. (R=1/U)**

**SHGC - Solar Heat Gain Coefficient is the solar heat radiation through a window expressed as a number between 0 and 1. The lower the SHGC the less heat is transmitted.**

**VLT - Visible Light Transmittance is an optical property expressed as a number between 0 and 1. The higher the VLT, the more daylight that is transmitted. A high VLT is desirable to maximize day light.**

