

	Single dome			Double dome			Triple Dome		
	U FACTOR	SHGC	VLT	U FACTOR	SHGC	VLT	U FACTOR	SHGC	VLT
White Acrylic	0.80	0.55	53%	0.50	0.50	49%	0.30	0.48	45%
Bronze Acrylic	0.80	0.50	27%	0.50	0.46	25%	0.30	0.42	23%
Gray Acrylic	0.80	0.44	27%	0.50	0.40	25%	0.30	0.35	23%
Clear Acrylic	0.80	0.87	95%	0.50	0.84	92%	0.30	0.80	85%

DEFINITIONS/ TERMINOLOGY.

Summer U-factor (Also known as **U-Value**): The measure of heat gain or loss through a glazing system due to Differences between exterior and interior air temperatures. U-factors given are center-of-glass values calculated Per NFRC 100 standard using LBNL Window software. The lower the U-factor, the less heat is transmitted through a material In a given time for a given temperature difference. Hence, the lower the U-factor, the better the insulating properties.

Solar Heat Gain Coefficient (SHGC):

The amount of solar energy both directly transmitted, and absorbed and reradiated into a building. It is computed in accordance with NFRC 200 methodology using LBNL Window software.

Visible Light Transmittance (VLT): Is based on laboratory spectrophotometric measurements weighted by an appropriate weighting function using LBNL Window software in accordance with NFRC 300 Methodology. The wavelength range of the sun's energy used to calculate Visible transmittance is 0.38 to 0.78 microns.

Note: U-Factor Values are for Summer Heat Gain. Above values may vary depending on dome configuration and material Thickness. This are estimated Values using LBNL Window software, not actual results from testing.