

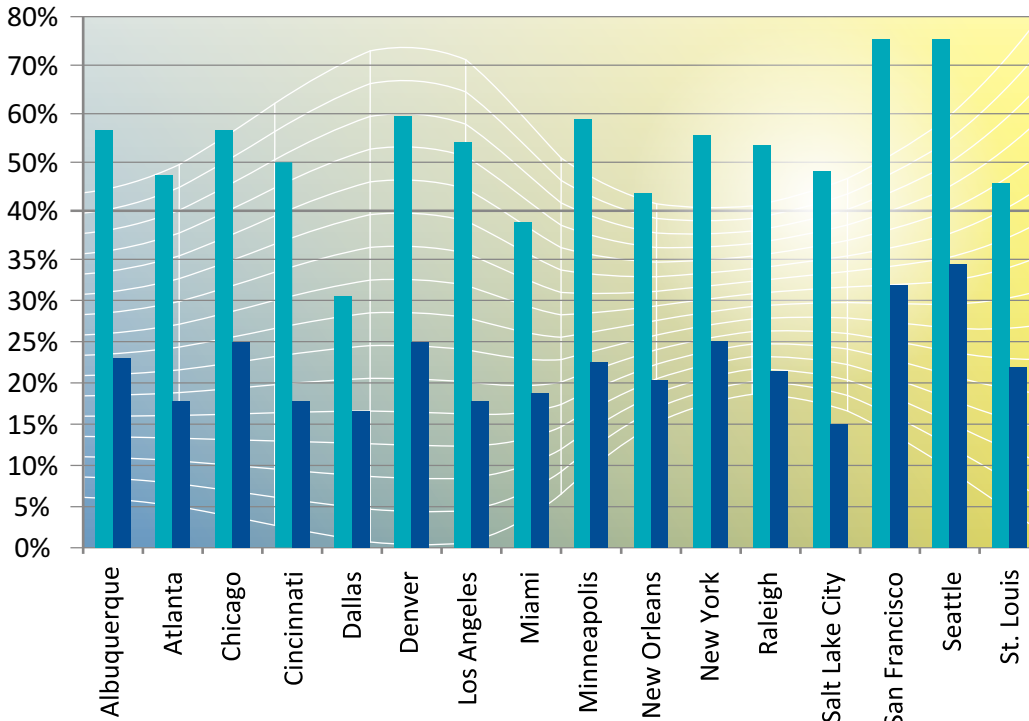
ENERGY CONSERVATION SHADES

We manufacture shades with a variety of fabrics offering a wide range of UV protection. Densities ranging from opaque to blackout fabrics. It's a stylish way to reduce your heating and cooling costs. The solar shades have a shading coefficient* ranging from .21 to .74, blocking solar heat intrusion and lowering energy costs.

This chart illustrates energy conservation for identical buildings located in major U.S. Cities for one year when compared to no window shades. Utilizing appropriate solar shading can save an estimated 15% to 75% on cooling costs depending on the location, climate and the fabric used.

Energy Conservation Savings for Major U.S. Cities

■ Air Conditioning with 5% Basket Weave ■ Air Conditioning with 5% Duplex Fabric



% of Energy Savings by Utilizing Window Shades

This study was performed with several constants:

- Fabric: 5% Basket Weave fabric is a charcoal color. 5% Duplex fabric is a charcoal/white color.
- Solar Shading: The horizon is presumed to be at a vertical level of 5°. No other obstacles or buildings are taken into account.
- Glazed surface in facade(s): 50% of the facade total surface. U-value of glazing: 2.9 W/m²K (i.e. 0.15" glass).

* The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system.