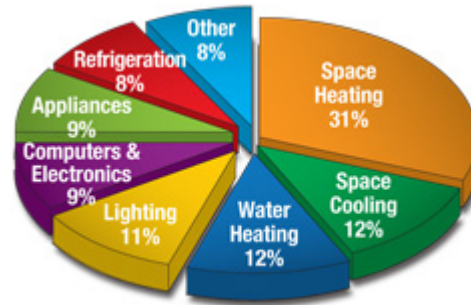


Window Blankets: Energy-Saving Window Treatments for Homes, Businesses, Vacation Homes, and Recreational Vehicles

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For a typical home in North America, space heating and cooling is the largest component of energy cost.



(Source: *Building Energy Data Book*, 2007, US Department of Energy)

During summer months most of the Solar Heat Gain (SHG) that warms buildings occurs through windows. Likewise, in winter months most of the heat is lost through windows.

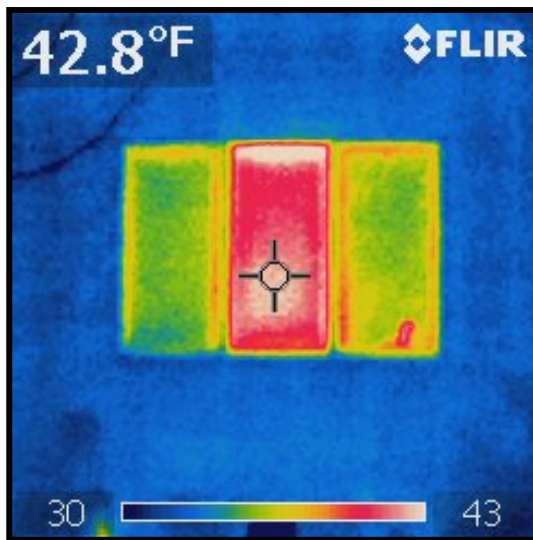
- ✚ *Window Blankets* are designed to mitigate solar heat gain as well as heat loss, and to **reduce your air-conditioning and heating costs.**
- ✚ *Window Blankets* make your home or businesses more **comfortable**, keeping the interior cool in summer and warm in winter.

✚ *Window Blankets* add an **R-value of >2.5** to your existing windows thereby significantly enhancing their thermal performance.

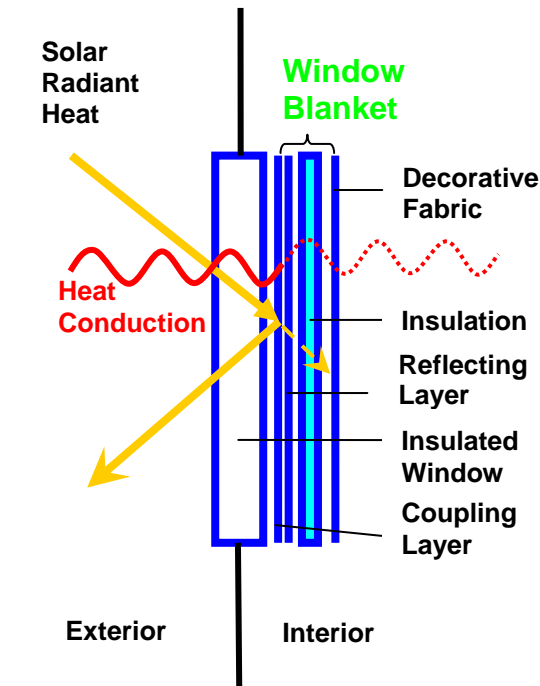
✚ *Window Blankets* incorporate not only a thermal barrier but also a radiant barrier that reflects **solar radiant energy to the outside** during summer and keeps the **infrared heat within** during winter.

✚ *Window Blankets* are **easy to use**: they stick to the glass by static electricity and require no hardware, adhesives, or tools to install and remove/roll up.

✚ *Window Blankets* are **cost effective**: they provide similar benefits to replacing your existing windows with expensive, high-efficiency windows, at a fraction of the cost.



Photograph (top) shows *Window Blankets* on the L and R panes while the middle pane is bare. The thermograph (bottom) taken from the exterior on a cold day (-3°C) indicates that heat is lost to the outside through the uncovered middle pane but not through the panes with *Window Blankets*.



Flatiron Research Group Patent Pending

Window Blankets combine radiant and thermal barriers with a coupling film that adheres to glass with no adhesives or mechanical fasteners. *Window Blankets* dramatically increase the thermal performance of any window.



Window Blankets are used with conventional window treatments as shown above on an east-facing window. During the summer months, in the day time, the *Window Blankets* are rolled down to keep solar radiation out and to prevent convection heat gain.

***Window Blankets* are made for Flatiron Research Group by Bennett-Fleet Quebec, and Groupe CSR, St.-Romain, Quebec, Canada.**

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