



- Maximum Solar Control
- Unrivalled Winter Insulation
- Opaque - Room Darkening
- Resistant to insect stains and condensation

## Energy Saver Pleated Blinds

Energy Saver is a unique laminated material that incorporates a highly reflective foil that was developed from the space programme.

The foil's mirror finish helped to protect the astronauts on the Apollo Lunar Module by reflecting solar heat whilst insulating the craft from the cold of space itself.

Energy Saver utilises this foil to create a Pleated Blind that is unrivalled in keeping the room cool in Summer and warm in Winter.



## ***In Summer***

The sun emits short wave radiation that changes to long wave as it passes through the window onto objects in the room. As the long wave radiation is unable to pass out of the window again, heat builds up in the room. This is called 'The Green House effect'.

The highly reflective foil within Energy Saver reflects back the shortwave radiation preventing long wave radiation from entering the room creating a cooler, more comfortable environment.

Energy Saver, being opaque, also cuts out directly transmitted sunlight preventing 'instantaneous heat gain'. This is where the sunlight heats up your body (up to 20°C) above the surrounding air temperature.

## ***Fabric Collection***

Energy Saver pleated blinds are available in a comprehensive range of colours that co-ordinate with other fabrics in the Blinds Express collection.

## ***In Winter***

Without doubt, the area of the home that accounts for the most concentrated heat loss over a comparatively small area is the window.

The highly reflective foil within Energy Saver creates a fabric with 'low emissivity'. This term relates to a material's insulating properties and Energy Saver is up to 3 times more effective than a conventional blind.

## ***Working For You***

In Summer, close the blind sufficiently to stop the direct sunlight. In Winter, close the blind at night to preserve the room temperature then open it during the day.



# **ENERGY SAVER**

Climate Control Fabrics



Your Energy Saver dealer: