

# The data has it...

# Blinds make better winter energy savings

The BBSA went to the University of Salford's Energy House Laboratory to test window energy loss reduction on a modern double glazed low-e window.

Results show up to **33%** reduction in heat loss through windows when using blinds and shutters\*

*Savings with single glazed windows and old double glazed windows can be even higher!*

Product	Window energy loss reduction on a modern double glazed low-e window, up to*
Roller blind fitted with zip side channels with low-e fabric	33%
Blockout honeycomb blind in a framed bead fit system so gaps are minimised	32%
Internal plantation shutter	28%
Roller blind fitted with side channels	22%
Standard roller blind	13%



Full details of specific products tested are available on the [Blinds Make Better website](#)

\* Results from product tests at the University of Salford's Energy House Laboratory. Centre pane U-value measurements on a modern double glazed low-e window. Improvements shown above are against the same window with no covering.

In 2020 87% of English homes had full double glazing (English Housing Survey 2020-2021 - Department for Leveling Up, Housing and Communities)

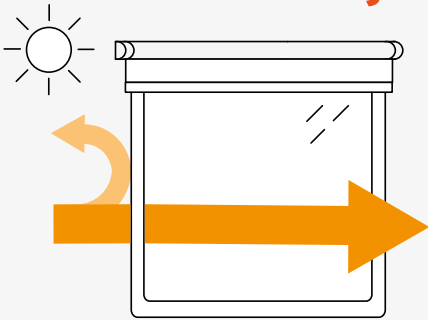


University of  
**Salford**  
MANCHESTER



# How to use your blinds and shutters to save energy in winter

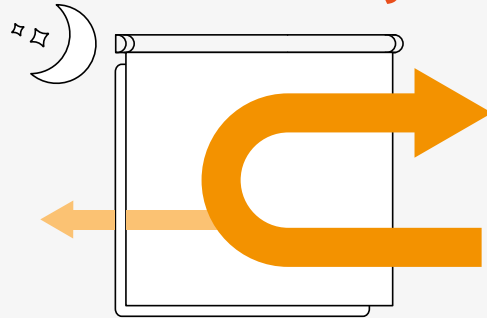
**Let heat in during the day**



**Open blinds and shutters when sunny in the day**

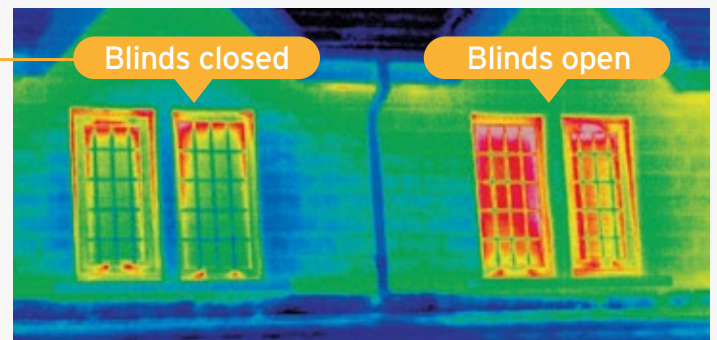
to utilise the free solar energy from the sun to warm your home

**Keep heat in at night**



**Close blinds and shutters in the night**

to provide extra insulation helping to reduce heat loss, keep warmer and save energy



The flow of heat transfer through windows is displayed using infrared imaging. *Red areas indicate the highest rate of heat loss.*

**Think of blinds and shutters as a thermostat for your window!**

