



ENERGY SOLUTIONS FACT SHEET



Honey comb shades have “pockets” built in that help trap unconditioned air, creating a more comfortable space



Shades installed with remote control makes managing your indoor lighting and thermal comfort easy

Window Treatments

Window Treatments: Improving the Energy Efficiency of Existing Windows

Window treatments improve your décor, protect your furnishings and can save you money on your energy bills. Even if you have old, drafty windows, you can cut down energy loss by using cost-effective thermal window coverings.

The energy efficiency of window coverings is measured in R-values, like insulation. The higher the R-value, the more it will protect your home from heat loss.

Standard window blinds have an insulating value of only R-1. Using shades, sheers, or heavier draperies with insulated linings can dramatically cut back on heat loss – raising the R-value of a single-pane

window from R-1 up to R-6! Window coverings with a honeycomb or cellular construction can block up to 62% of the heat transfer through the windowpane.

Window Covering Choices

Cellular or honeycomb shades actually trap the cold air, decreasing the intensity of the temperature as it enters the room. And this, in turn, helps minimize the amount of heat that’s drawn toward your windows. Honeycomb shades have R-values between 2.0 and 4.8.

Window quilts offer air and moisture-tight fabric along with 4-sided seals. Quilts have a R-value of 4.99.

Draperies and Roman Shades can be thermally lined to increase efficiency. R-val-

More Information about our Sponsor

The Blind Spot, an independent small-business company specializing in residential and commercial custom window coverings and treatments, offers a large selection of products from name brand and quality manufacturers.

Everything from simple manually operated blinds shades and draperies to sophisticated remote control motorized applications and richly-appointed, layered over-treatments, we offer solutions best for the situation and budget.

Knowledgeable and experienced consulta-



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Visit our website to learn more about energy efficient window coverings.

www.theblindspot.biz

tion, sales support & installation are key to a successful project. Serving the Front Range since 1994.

Types of applications include standard rectangular; specialty shapes (trapezoid, angle-top, circles, arches, etc.), skylights, and motorization.

We have provided energy efficient window coverings for Energy Makeover winners, improving comfort and beauty in the home. Ask to see the Hunter Douglas Duette® Architel-la™ with R-values up to 7.86

Window Treatments Continued

ues range from 3.0 to 5.0, with actual R-values dependent on fabric, lining and pleating.

Hardwood shutters and wood blinds offer R-values between 2.77 and 3.17

Installation

Shades, draperies, or shutters are more effective if they are airtight or custom fitted, because they create a dead air space between themselves and the glass.

When properly installed, window shades can be one of the

simplest and most effective window treatments for saving energy. Shades should be mounted as close to the glass as possible with the sides of the shade held close to the wall to establish a sealed air space.

If you decide to have window coverings custom-fitted for your home to maximize efficiency, make sure the installer has a thorough understanding of the energy efficiency properties described above.

Visit www.SmartEnergyLiving.org to learn more.

More Information about our Sponsor

Smart Energy Living is an idea that homeowners, manufacturers, contractors and utilities can all work together to create a healthy energy future—for the economy and the planet.

The Colorado Energy Science Center and E-Star Colorado have merged to create the Smart Energy Living Alliance (SELA).

Our mission: to help people make smart energy

SELA provides unbiased information, tools and resources to help consumers make intelligent, responsible energy decisions.

SELA helps consumers understand clean energy products and services they need.

SELA helps companies build their energy-ef-

with training and promotion.

Together we can build a better energy future.

www.SmartEnergyLiving.org



Smart Energy Living
Alliance

Building a better energy future