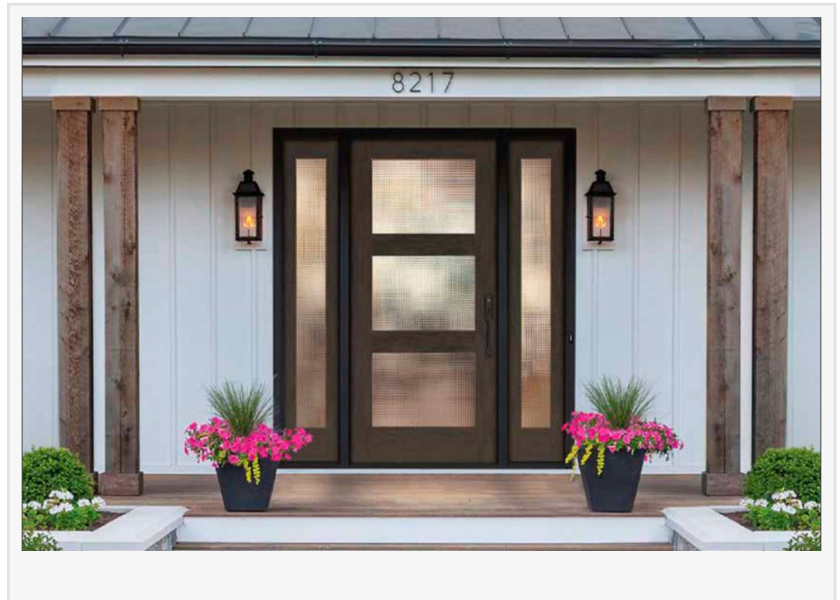


# The Importance of Energy-Efficient Doors in Sustainable Living

NEW ORLEANS, LOUISIANA, UNITED STATES, September 18, 2023 /EINPresswire.com/ -- As global conversations around sustainability and energy efficiency gain momentum, the role of seemingly simple household elements like doors is coming into focus. [Robert Jacques](#), the owner of America's Best Choice based in New Orleans, provides insights into the environmental and economic significance of energy-efficient doors.



"The way we build and maintain our homes has a profound impact on our environment," states Robert Jacques. "While much attention is directed towards high-tech solutions, it's essential to recognize the significance of basic elements, like doors, in contributing to a home's overall energy efficiency."

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*Robert Jacques*

## A Spotlight on Energy Loss

Conventional doors, especially older models, can be a weak point in a home's insulation system. Gaps, poor materials, and inefficient design can lead to energy loss, affecting both the home's temperature and utility costs.

"Many people are unaware that an inefficient door can significantly compromise the indoor environment. Even if a home is equipped with the latest HVAC systems and

energy-efficient appliances, a poorly-insulated door can undermine those benefits," explains Jacques.

What Makes a Door Energy-Efficient?

When it comes to identifying an energy-efficient door, certain factors play a vital role. These include the door's material, its Energy Efficiency Rating (EER), and additional features like thermal breaks and weatherstripping.

"A truly energy-efficient door is designed with both thermal and structural integrity in mind. Whether it's made from fiberglass, steel, or wood, the door should have a high EER and be constructed to minimize thermal transfer," Jacques elaborates.



### Ecological and Economic Benefits

The advantages of installing energy-efficient doors extend beyond environmental sustainability. There are also tangible economic benefits, such as reduced utility bills. A study by the U.S. Department of Energy found that heat gain and loss through windows and doors are responsible for 25%-30% of residential heating and cooling energy use.

"Switching to an energy-efficient door can make a notable difference in your energy consumption. While the upfront investment might be higher, the long-term gains in reducing your energy bill and decreasing your carbon footprint make it a wise choice," Jacques notes.

### Future Developments and Trends

With an increasing emphasis on eco-friendly construction methods, energy-efficient doors are likely to become standard features in homes and commercial buildings. Technological advancements are introducing doors with higher insulation values, multi-point locking systems, and even smart features that regulate temperature automatically.

"Research and innovation in this sector are making strides, and I'm excited to see where it leads. It won't be surprising to see smart doors that can adjust their thermal properties depending on external weather conditions in the near future," states Jacques.

### Concluding Remarks

As conversations about climate change and energy efficiency continue to take center stage, it's crucial to consider all aspects of sustainable living. Doors, often overlooked, serve as critical components in a home's energy system.

Robert Jacques summarizes, "The door you choose can have far-reaching implications on your lifestyle and the planet. Awareness, research, and adoption of energy-efficient options are essential steps toward a more sustainable future."

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