



## CHANGE FOR THE BETTER WITH ENERGY STAR

Products that earn the ENERGY STAR® prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy. [www.energystar.gov](http://www.energystar.gov)

### **ENERGY STAR Vent Fans: Providing Serenity and Energy Savings to the Hospitality Industry**

In the competitive world of upscale hotels, guests have come to expect a comfortable room that serves as a serene retreat, whether they are visiting for business or for leisure. The hotel industry is faced with the challenge of providing quiet, attractive rooms while simultaneously maintaining competitive rates.

Hotel groups across the country can take advantage of a simple way to meet this challenge—installing ENERGY STAR qualified ventilation fans. With a focus on quality and energy efficiency, these fans provide the quiet ventilation that guests demand while reducing the hotel's electricity bill.

#### **Rosen Hotels and Resorts: Catering to Guests' Needs with ENERGY STAR**

Rosen Hotels and Resorts in Orlando, Florida, provide a great example of the benefits of installing ENERGY STAR ventilation.

While renovating guest rooms in the Rosen Plaza and Rosen Centre Hotels in 2003 and 2004, one of the features the hotel group decided to update was the bathroom ventilation fans. Previous fans, plagued by loud motors, frequent failures, and high energy usage, were often a source of guest complaints. One of the respondents to a request for bids suggested going with an ENERGY STAR qualified model.



According to Assistant Chief Engineer Jose Pagan, the choice to go with the energy-efficient model was a no-brainer, as it also offered “the best combination of a good price, the right CFM, and low noise level.”

After a brief trial with the new fans, Rosen decided to replace the older models in over 2,000 rooms with the ENERGY STAR vent fans. Since the switch, the hotel has noticed a marked improvement in guest satisfaction. They have received no complaints of noisy or malfunctioning fans. The new fans operate so quietly that guests are often not even aware of the fan's presence. The engineers know that they are working, however, as there is a noticeable improvement in indoor air quality. The hotel is also pleased that the new fans have contributed to reducing their energy bills.

ENERGY STAR qualified ventilation fans use up to 65% less energy than standard models. Savings are substantially larger with ENERGY STAR bathroom fans that include lighting. An ENERGY STAR fan with a light that is run for 4 hours a day saves \$13 per year in electricity costs. For a hotel group the size of the Rosen Hotels and Resorts, that's a potential savings of \$26,000 per year.

There are over 140 different ENERGY STAR bathroom fan models available from such manufacturers as Air-King, Broan-Nutone, General Electric, National HVAC, Panasonic, and Reversomatic. For more information on these and other products, and to see how much you can save by switching to ENERGY STAR, visit: [www.energystar.gov/products](http://www.energystar.gov/products). To find out more about how your hotel can partner with ENERGY STAR, visit: [www.energystar.gov/hospitality](http://www.energystar.gov/hospitality).