

## ENERGY STAR<sup>®</sup> for Light Commercial HVAC Fact Sheet for Building Owners and Property Managers

### What is ENERGY STAR?

ENERGY STAR is a voluntary program that promotes comprehensive energy management by identifying and labeling enhanced performance products that save money and help protect the environment by saving energy.

The ENERGY STAR label is placed on products that meet or exceed energy-efficiency guidelines set by the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE). ENERGY STAR labeled light commercial HVAC products are designed with enhanced performance to help save money on utility costs and provide more efficient heating and cooling comfort.

By purchasing ENERGY STAR labeled light commercial HVAC equipment, building owners and property managers can decrease operating costs while saving their tenants money and potentially increasing the building resale value.

### What are the benefits to my business?

**Value to your clients.** By installing ENERGY STAR labeled light commercial HVAC products on your buildings, you are providing efficient conditioned comfort to your tenants. When your tenants are cooled comfortably, they are more productive and often more satisfied with the building overall.

**Save money on cooling bill.** ENERGY STAR labeled light commercial HVAC products have lower operation costs, and often come with better warranties. This means less cost to keep the system operating efficiently and effectively.

**Finance or lease?** By financing or leasing your equipment for a retrofit or replacement of existing HVAC units, you can conserve capital and increase your operating profits.

**Gain a marketing advantage.** An ENERGY STAR labeled light commercial HVAC product on your building can potentially increase the building value for resale. It can also make the building more attracting to prospective tenants and future buyers of your building because it operates more efficiently at less cost.

### What are the benefits to my tenants?

**Energy and money savings.** The ENERGY STAR label signifies an energy-efficient solution that will save your tenants money while protecting the environment for future generations. ENERGY STAR labeled light commercial HVAC products use about 15 to 20% less energy per year than conventional models. This will save your tenants money on their energy bill.

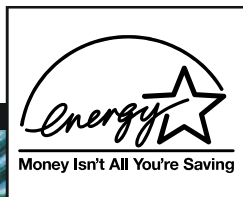
**Increased comfort and satisfaction.** ENERGY STAR labeled light commercial HVAC systems provide efficient cooling comfort. Your tenants will feel more comfortable and productive and therefore more satisfied with the building.

### How does it help save money and the environment?

**Saves Money and Energy.** According to the US EPA, about \$40 billion is spent annually in the US to air condition buildings—one-sixth of all electricity generated in a year! Energy is typically the largest operating expense for commercial buildings. ENERGY STAR labeled light commercial HVAC products save money.

**Decreased Pollution.** Reduced energy demand means less burning of fossil fuels, which results in less pollution from power plants. Less pollution means cleaner air and reduced greenhouse gas emissions—pollutants that are linked to global climate change. ENERGY STAR products are better for the environment!

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**What are the specifications for ENERGY STAR light commercial HVAC?**

**Central AC** – Split or single packaged units (65,000 to 250,000 Btu/h)  
<65,000 Btu/h must be  $\geq 12$  SEER (3 phase)  
 $\geq 65,000$  to <135,000 Btu/h must be  $\geq 11.0$  EER and 11.4 IPLV  
 $\geq 135,000$  to  $\leq 250,000$  Btu/h must be  $\geq 10.8$  EER and 11.2 IPLV

**Gas Packs** – Must meet the appropriate cooling specifications for central AC based on its size category.

**Heat Pumps** – Split or single packaged units (65,000 to 250,000 Btu/h)  
<65,000 Btu/h must be  $\geq 12$  SEER and 7.6 HSPF (3 phase)  
 $\geq 65,000$  to <135,000 Btu/h must be  $\geq 10.1$  EER (10.4 IPLV) and 3.2 COP  
 $\geq 135,000$  to  $\leq 250,000$  Btu/h must be  $\geq 9.3$  EER (9.5 IPLV) and 3.1 COP

For detailed information about the specifications, please call or e-mail one of the contacts below.

**What light commercial HVAC products are eligible?**

Any product that meets the above specifications can be eligible for the ENERGY STAR label. Visit [www.energystar.gov](http://www.energystar.gov) for a list of labeled HVAC products.

**How can I participate in ENERGY STAR?**

- Educate your customers about the benefits of ENERGY STAR labeled HVAC products, including the potential savings on their utility bill.
- In addition to purchasing ENERGY STAR labeled HVAC products, also consider energy-efficient improvements in your buildings' overall duct systems.
- Take advantage of potential savings available from incentive programs for installation of high efficiency equipment.
- Submit case studies and articles about your building to highlight the benefits of energy efficient light commercial HVAC equipment. Your submission may be added to the ENERGY STAR Web site!

**How do I join?**

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[www.energystar.gov](http://www.energystar.gov)

ENERGY STAR Web Site Address

**1-888-STAR-YES (1-888-782-7937)**

Toll-free Hotline