

ENERGY STAR[®] for Light Commercial HVAC Products Fact Sheet for Manufacturers

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.

Manufacturers and retailers sign voluntary agreements allowing them to place the ENERGY STAR label on products that meet or exceed energy-efficiency guidelines set by the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE). Manufacturers and retailers can use the label in product packaging, promotions, and advertising for qualified products.

ENERGY STAR allows manufacturers to use the ENERGY STAR label on light commercial HVAC products that meet the US EPA's specifications. 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.

What are the specifications for ENERGY STAR?

Central AC – Split or single packaged units (65,000 to 250,000 Btu/h)
<65,000 Btu/h must be ≥ 12 SEER (3 phase)
 $\geq 65,000$ to <135,000 Btu/h must be ≥ 11.0 EER and 11.4 IPLV
 $\geq 135,000$ to $\leq 250,000$ Btu/h must be ≥ 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 ≥ 12 SEER and 7.6 HSPF (3 phase)
 $\geq 65,000$ to <135,000 Btu/h must be ≥ 10.1 EER (10.4 IPLV) and 3.2 COP
 $\geq 135,000$ to $\leq 250,000$ Btu/h must be ≥ 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.

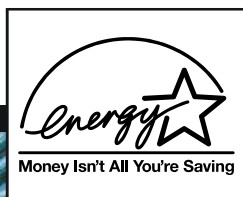
What benefits are there for joining?

Third-party credibility. ENERGY STAR, an innovative government/industry partnership, provides businesses and consumers with energy-efficient solutions that save money while protecting the environment for future generations.

Showcase your products. The ENERGY STAR Web site lists ENERGY STAR labeled HVAC products and partners. Qualifying HVAC products that partners submit are added to this list, which is accessed regularly by builders, utilities, state and local government, and the public to verify products that qualify for various incentive programs.

Stay competitive in the marketplace. Labeling for energy-efficient light commercial HVAC products began in 2002. Qualifying your products that meet the above criteria will help you gain recognition with building owners, architects and engineers, and others within your industry. According to a household survey done by the Consortium for Energy Efficiency, the ENERGY STAR label is recognized by over 40 percent of American consumers.

(over)



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 use 15 to 20% less energy per year than conventional models.

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.

How does an HVAC product gain ENERGY STAR qualification?

Manufacturers that are ENERGY STAR partners can submit their products for qualification. Partners are required to sign the participation agreement and ensure that the labeled product meets all of the eligibility criteria. Please contact one of the names listed below for a copy of the partner commitment and eligibility criteria.

How do I join?

Become an ENERGY STAR Partner today!

For more information please contact the following:

Steve Ryan, EPA	(202) 564-1254	Ryan.Steven@epa.gov
Rachel Schmeltz, EPA	(202) 564-9124	Schmeltz.Rachel@epa.gov
Ron Abremski	(202) 862-1127	rabremski@icfconsulting.com
Gwen Duff	(202) 862-1230	gduff@icfconsulting.com

www.energystar.gov
ENERGY STAR Web Site Address

1-888-STAR-YES (1-888-782-7937)
Toll-free Hotline

