



ENERGY STAR[®] for Light Commercial HVAC Fact Sheet for General Information

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).

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 to help save money on utility bills and provide more efficient heating and cooling comfort.

What are the benefits of ENERGY STAR Qualified Light Commercial HVAC products?

Saves Money and Energy – According to the 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.

Energy Savings Create Value – ENERGY STAR labeled light commercial HVAC products can improve the energy efficiency of a building. Increased energy efficiency lowers operating cost, increases tenant satisfaction, and keeps the building comfortable.

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.

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.

How do I join?

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