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ENERGY STAR®, a U.S. Environmental Protection Agency program, helps us all save money and protect our environment through energy-efficient products and practices. For more information, visit www.energystar.gov.

BENEFITS OF ENERGY STAR CERTIFIED COMMERCIAL FOOD SERVICE (CFS) EQUIPMENT

Commercial Refrigerators and Freezers

Commercial refrigerators and freezers that have earned the ENERGY STAR are approximately **20 percent more energy efficient** than standard models. To meet the strict efficiency requirements developed by the U.S. Environmental Protection Agency's ENERGY STAR program, manufacturers use high-quality components and employ innovative designs.

Eligible Products: Solid, transparent, and mixed solid/transparent door refrigerators and freezers.

Examples include: reach-in, roll-in, or pass-through units; merchandisers; under-counter units; hybrid units; milk coolers; bar back coolers; bottle coolers; glass frosters; deep well units; beer-dispensing or direct draw units; and bunker freezers.

Ineligible Products: Chef base or griddle stands, prep tables, service over counter units; open air units; convertible temperature units; laboratory-grade equipment; and remote condensing equipment.

EXAMPLES OF TECHNICAL APPROACHES TO REDUCE ENERGY CONSUMPTION

- High-efficiency compressors and improved coil design
- Electronically commutated motors
- Improved fan blade design
- Anti-sweat heaters with controls
- Improved insulation and gaskets
- High efficiency interior lighting

EXAMPLES OF ADDITIONAL BENEFITS

- Uniform cabinet temperatures
- Reduced heat output from more efficient compressor systems and fan motors
- Extended product lifetime
- Low-global warming potential refrigerants

ESTIMATED ENERGY AND COST SAVINGS FOR ENERGY STAR CERTIFIED MODELS

Commercial Freezers

\$50 to \$90
Annual Savings

Save 500 to 900
kWh/year

\$540 to \$945
Lifetime Savings*



Commercial Refrigerators

\$30 to \$40
Annual Savings

Save 285 to 400
kWh/year

\$300 to \$420
Lifetime Savings*

* Based on 12-year life and 4 percent discount rate. Actual savings will vary depending on use.

Incentives available for ENERGY STAR certified commercial refrigerators and freezers range from

\$40-\$400

Source: ENERGY STAR Rebate Finder



The nine ENERGY STAR CFS equipment categories include: griddles, ovens, hot food holding cabinets, fryers, steamers, dishwashers, ice machines, refrigerators, freezers, and coffee brewers.

ADDITIONAL ENERGY STAR HIGHLIGHTS

- Outfitting an entire kitchen with a suite of ENERGY STAR certified CFS equipment could save operators about 330 MBtu/year, or the equivalent of more than \$5,100/year. These energy savings would prevent about 38,000 pounds of greenhouse gas emissions annually.
- Models that have earned the ENERGY STAR meet strict guidelines set by the U.S. Environmental Protection Agency. Their performance is certified by third-parties based on testing performed in an EPA-recognized laboratory.
- ENERGY STAR certified equipment is often a baseline for achieving credits from commercial kitchen and restaurant certification and rating programs.

RESOURCES

- Overview of ENERGY STAR for Commercial Foodservice Equipment: <http://www.energystar.gov/cfs>
- CFS Product Specifications and Key Product Criteria: <http://www.energystar.gov/specifications>
- ENERGY STAR Partner List: <http://www.energystar.gov/partnersearch>
- Commercial Kitchen Equipment Savings Calculator: <http://energystar.gov/cfs/calculator>
- ENERGY STAR Where to Buy List: <http://www.energystar.gov/cfs/wheretobuy>
- ENERGY STAR Guide for Restaurants: <http://www.energystar.gov/cfs/restaurantguide>
- ENERGY STAR Rebate Finder: <http://www.energystar.gov/rebatefinder>
- ENERGY STAR Training Center: <http://www.energystar.gov/training/cfs>

For more information, visit www.energystar.gov/cfs or e-mail EPA's ENERGY STAR Commercial Food Service Program at commercialfoodservice@energystar.gov.

Equipment images courtesy of PG&E's Food Service Technology Center (FSTC)