

freewatt®

the future of home energy

ECR International
2201 Dwyer Ave.
Utica, NY 13501
(877) 386-5475
sales@ecrinternational.com
www.freewatt.com



freewatt makes sense for the Environment

Stop the Waste: Almost all of our electricity is produced by large power plants that supply power to our electric grid. Most people don't realize that only about 1/3 of the fuel energy supplied to the power plant is actually delivered to the home as electricity. The remaining 2/3 of the fuel energy is discharged to the environment as waste heat. Although utilities work hard to improve the efficiencies of these central power plants, they do not have a need for the heat. When a homeowner uses freewatt to generate their own electric power, they have the advantage of putting this heat to good use.

Green Electricity: The freewatt is designed to operate whenever the home has a need for heat. It first generates 1.2 kW of electric power using an advanced Honda generator. Nearly all the heat created by the generator is then recycled to heat the home. It's like getting the electricity for free just by heating your home. 95% of the fuel energy used by the freewatt is supplied as heat and electricity for the home. Homeowners with a freewatt system have cut their carbon footprint by up to 6,000 pounds of greenhouse gases a year!

Fuel Savings: A freewatt system operating for 4,000 hours per year will generate 4,800 kWh of electricity. If the power grid operates at an average efficiency of 35% and the freewatt operates at 95% then the freewatt saves the equivalent of 240 gallons of gasoline each year. This is nearly twice the savings of a hybrid car, making freewatt the hybrid for the home.

Environmental Gain with No Pain:

The environmentally friendly freewatt helps make it easier for people to reduce their carbon footprint. When most people think about reducing the environmental impact of their heating system they think about cold homes and woolly sweaters. The freewatt system enables you reduce your carbon footprint and save money without turning down your thermostat.

Benefits

- freewatt generates electricity while it heats your home letting you use your fuel twice
- freewatt can produce nearly 5,000 kWh of electricity each year using 60% less fuel than your electric utility
- freewatt systems operate on clean natural gas or propane
- Reduces your carbon footprint by up to 6,000 pounds per year
- High Efficiency Heating: The Energy Star Rated furnace and boiler in the freewatt systems both have a 95% AFUE rating
- freewatt increases energy savings without turning down your thermostat

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