

Boil Down Your Fuel Costs



The **Fuel Economizer** is a computer that attaches to your boiler, works with your existing controls, reduces fuel consumption and saves you money.

Savings are generally between 12% and 18% of fuel consumption.

Guaranteed fuel savings of 10%.

Payback is usually in less than one year.

The **patented** Fuel Economizer has been verified by Brookhaven Labs to save in excess of 10% of fuel consumption.

The **Fuel Economizer** is UL Listed, and manufactured by an Energy Star Partner.

Rauw Energy markets and installs the Intellidyne Fuel Economizer.

For a no-charge site evaluation please contact us at 1-888-728-9674 or complete the form on our site: www.rauwenergy.com/schedule-a-site-assessment/



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RAUWenergy

Why Retrofit with the Fuel Economizer?

- **Quick**
- **Effective**
- **Affordable**

Brookhaven Labs' Tom Butcher,
Fuel Oil News, June 2010

"Simply controlling system losses offers great potential for energy savings in the short term, Butcher said, and the industry has already made aggressive moves to push efficiency levels over 90 percent, he noted. In that vein, retrofitting advanced controls to existing heating systems could yield low-cost reductions in fuel use."

U.S. Green Building Counsel and EDF,
The Bottom of the Barrel, Dec 15, 2009

In larger buildings, almost all steam boilers and many hydronic systems are controlled by a very different system than in small building systems. A company called Heat-Timer dominates the market, although competitive manufacturers do exist. In most buildings, these control systems are mostly designed to make it easy to comply with New York City heating laws rather than make the system most efficient and comfortable for the residents. In all but the most expensive models, these boiler controls ignore interior building temperatures and, each hour, determine how many minutes the boiler should fire solely based on the outdoor temperature (which they measure directly with a remote thermometer). The building operator can make the firing time longer or shorter for a given outdoor temperature by choosing one of several preset response functions, but once this is done there is no compensation for whether a day is windy, sunny or humid.

Most building operators will increase the response curve until the coldest (or loudest) resident stops complaining on cold days. The result is a building that is overheated most of the time and in which many residents will regulate the temperatures in their apartments by opening windows. Underlying this situation, of course, is needless consumption of heating fuel...