

THERMOTECH UPDATE

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Going Green Can Save You Green

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Retrofitting your building with energy recovery can save resources and money.



The Challenge:

Add energy recovery to an existing multi-story office building.

The Solution:

A field built energy recovery wheel and a field built custom air handler.

The Results:

Improved indoor air quality and \$60,000 per year in average energy cost savings and a reduction of 578 tons of CO2 emissions per year.

Now that is really how to lower your carbon footprint.

Contact [Thermotech Enterprises](#) and we can do an Energy Savings Analysis free of charge.

Going Green =



An easy way to get a rough idea of your savings is to multiply the amount of outdoor air your building requires times \$ 1.20

The TF-Series Thermowheel is shown here during installation. No modifications to building access were needed to build the wheel which was supplied in sections to ease transportation to the mechanical room.

The TF-556 has a 12 foot rotor and is designed to handle 60,000 CFM for this application. The unit as supplied features a variable speed drive and a control system that can be adjusted to meet building supply air requirements.

The completed field built custom air handler is shown here after installation. The TF-Series energy recovery wheel provides savings in both the cooling and heating mode. The system features minimal maintenance and the Thermowheel record of reliability is exceptional. **ZERO FAILURES SINCE 1985.**



Spotlight on Manufacturers Representatives

[System Components Corporation](#) is the manufacturer's representative and distributor specializing in fluid purification, control, instrumentation and energy recovery products. They have offices in Ocala, Jacksonville, Orlando, Tampa, Ft. Meyers and Ft. Lauderdale Florida.

[System Components Corporation](#) and [Thermotech Enterprises](#) are currently working with the [H. Lee Moffitt Cancer Center](#) to add energy recovery to 2 of the campus' existing buildings.



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References: U.S Department of Energy: <http://tonto.eia.doe.gov/FTPROOT/environment/e-supdoc-u.pdf>
EIA: <http://www.eia.doe.gov/oiaf/1605/coefficients.html> EERE Information Center <http://www.eere.energy.gov/>