

# THERMOTECH UPDATE

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## Thermotech Provides Heat Recovery Wheel For Building Energy Recovery Upgrade

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### Energy Recovery for Existing Building! Thermotech has The Know How



Scripps Center Cincinnati, OH

Thermotech working in concert with DeBra-Kuempel Mechanical Contractors and our area representative Environmental Air Products, has provided a TF-Series energy recovery wheel to add energy recovery to the existing HVAC system for 312 Walnut Street-The Scripps Center. The TF-556 wheel was fabricated with an all aluminum frame in six sections to facilitate field assembly of the wheel using existing access. DeBra-Kuempel is a wholly owned subsidiary of EMCOR Group, Inc. EMCOR is the world's leading provider of mechanical and electrical construction and facilities services.

A custom air handler was fabricated around the Thermowheel to provide fresh air to the building at a 75% savings in energy costs. A detailed case study of the project along with an energy savings study is being compiled for publication in 2007.

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



TF-556 Thermowheel

Duke Realty Corporation serves 700 tenants in a portfolio of more than 15 million square feet of industrial, office and retail property. Duke also has more than 250 acres of land for sale or future development in the Cincinnati/Northern Kentucky area.

Mark Coffey of The Mayerson Company is responsible for building maintenance at The Scripps Center. The Scripps Center, is a joint venture of The Mayerson Company and Duke Realty Corporation.

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.

### Spotlight on Manufacturers Representatives

Environmental Air Products, Inc. is a manufacturer's representative firm specializing in commercial and industrial HVAC equipment and systems. With a sales office located near Lunken airport in Cincinnati, Ohio, EAP services the greater Cincinnati and Dayton areas, as well as Columbus, Ohio, northern Kentucky and southeastern Indiana. Contact Bill Stacey Jr. for more information. EAP Tel. 513.489.9494



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