

# ENVIRO-TEMP™

*Commercial Heat Recovery Systems*  
by Turbotec

Archives

## Heat Recovery a profitable reality for Florida franchise

Energy saving units paid for themselves in six to ten months

Wayjohn, Inc., the franchisee for Kentucky Fried Chicken (KFC) in Palm Beach County, has installed Enviro-Temp (formerly NES) heat recovery systems at twelve of its locations and is realizing savings from \$260 to over \$400 per month (averaging \$340/month) at each site.

In fact, John Wurster, President of Wayjohn, is so impressed with the benefits from the Enviro-Temp units that he's recommended Enviro-Temp heat recovery systems as standard equipment at KFC sites worldwide. John Javor, Facilities Manager for the franchise, reports that the systems paid for themselves in six to ten months. What led to the installation of these profitable heat recovery systems? Wayjohn

management, in response to the nationwide concern for energy conservation, began researching heat recovery systems early in the 1980's. Their studies found heat recovery from central air-conditioning systems to be a practical and profitable way to make hot water.

The KFC franchise, where each store prepares an average of 200,000 meals per year, utilizes the Enviro-Temp units to provide **all** the hot water for its dishwashing and other hot water requirements from March through December of each year. In January and February, when air conditioning usage is at a minimum, electric hot water heaters supplement the hot water supply.

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Wayjohn thoroughly researched the heat recovery systems available, installing several different brands in various locations to determine the most effective systems.

“NES (Enviro-Temp) units are, by far, the best,” says John Javor, “producing more hot water than any other brand.

They outrank the competition in efficiency and reliability. In fact, (Enviro-Temp) is the only heat recovery system that endured



Enviro-Temp, on the rooftop, generating hot water by recycling wasted heat from the refrigeration system.

our testing. We've had no equipment failures since the units were installed, some over five years ago. Other heat recovery systems we tested failed within two years and all were inadequate for our needs. Now we use (Enviro-Temp) equipment exclusively.”

And that policy is a profitable one for Wayjohn. John Wurster notes that savings realized are based on today's energy costs. He says, “As those costs rise, and we anticipate they will, our savings will increase. Avoided energy costs go right to the bottom line, immediately improving our profit structure.” Wurster explains, “If a company works on a ten percent tax after margin, a \$100 savings in fuel cost would require



Wayjohn facilities manager, John Javor (left) with NES General Manager Micheal Gilmore one of the twelve KFC sites where NES heat recovery units are reducing energy costs.

\$1,430 in sales to achieve the same result. Considering that example, the enthusiasm for the (Enviro-Temp) units is obvious. That product increases profits!”

Two heat recovery units are installed on the roof at each twelve Kentucky Fried Chicken sites in the Palm Beach area of Florida. Units are quickly and easily installed without interruption to the store’s operation and require little, if any, maintenance.

The heat recovery systems are comprised of heat exchangers surrounded by non-toxic foam insulation to retain heat and dampen mechanical noise. Those units are then encased in weather resistant aluminum for improved durability and attractive appearance.



The heart of the Enviro-Temp heat recovery system is the Turbotec patented, enhanced surface heat transfer tubing, fabricated into a highly efficient, all copper, counterflow tube-in-tube heat exchanger.



The tubing is fabricated with vented, double wall construction to provide maximum safety for heating potable water. The tubing also meets building code requirements and is UL approved.

For over 35 years Turbotec has supplied dependable heat recovery systems for residential, commercial, industrial and institutional applications.

Thousands of (NES) heat recovery systems are currently in operation worldwide, saving millions of dollars in energy costs each year.

Contact Turbotec’s Heat Recovery sales office for more information on heat recovery systems appropriate for your application.

 **Turbotec**<sup>®</sup>

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