The Customer: Alexander Wolf and Company, Inc.

Alexander Wolf & Company, Inc. is a 50 year old full-service Real Estate Management firm with offices in Long Island and New York City. They specialize in the management of Cooperatives, Condominiums, Home Owners Associations and Senior Housing Communities in the New York Metropolitan area.

They are a technology-driven, customer-oriented firm with a reputation for around the clock responsiveness to their customers' needs. They are sensitive to the challenges and demands of the community they serve and are always looking out for the best and most economical services for the facilities they manage.

The Challenge:

In their quest for operational excellence and maximum cost savings, Alexander-Wolf contacted Energy Conservation Services Corp. (ECS) seeking additional savings on their heating oil consumption. ECS recommended an IntelliCon control and completed a comparative fuel utilization study based on heating oil bills provided by Amerada-Hess Corporation.

Facility: Residential, condominiums.

Location: Midtown New Your City, New York.

The Products Used:

IntelliCon-CHS - Commercial Steam Heating System Fuel Economizer

A single *IntelliCon-CHS* was installed on a 6,300,000 BTU steam boiler that was providing heat and domestic hot water in the building. The economizer was installed on December 7, 2005 and was operational on a 24x7 basis throughout the testing period. The testing period ran from January 2006 through April 2006.

The Results:

Energy Savings: The *IntelliCon* control performed as designed. During the four month study period, the actual number of gallons of oil consumed dropped from 17,614 to 12,604. Of course, the winter of 2006 was less severe than in 2005, according to historical data collected by NOAA (National Oceanic & Atmospheric Administration) for New York City. By normalizing fuel consumption against the daily temperatures, the resulting savings amounted to 2,197 gallons of Number 2 heating oil. As a result, Alexander-Wolf experienced a tangible savings of 12.12%.

In addition, the *IntelliCon* controller reduced on/off cycling significantly thereby extending the operational life for these systems while also reducing their attendant maintenance costs.

Customer Unit	***IntelliCon* Control**	**Measured Reduction in Energy/Fuel Consumption**
Federal Boiler Model FST-150	CHS	12.12%