KES

INDUSTRY LEADERS IN TURNKEY DEMAND CONTROL KITCHEN VENTILATION (DCKV)

WHAT WE DO

Demand Control Kitchen Ventilation (DCKV) controls the exhaust and supply fans automatically in order to provide the correct amount of exhaust at the correct times saving you energy and money.

A proper and well designed DCKV system can save money for the operator every single day. Your fan doesn't work as hard and therefore will most likely last much longer.

We offer the most efficient answer to the demand control needs. KES has been in the business for over 17 years and offers a full service solution from design to final startup in one complete offering.

ECOAZUR's cutting-edge solution constantly monitors your kitchen for even the slightest changes in temperature and detects smoke and vapor in an instant.

ECOAZUR SYSTEM AT

Tri-County Regional Vocational Technical High School

147 Pond Street, Franklin, MA 02038

Tri-County Regional Vocational Technical High School was looking for a DCKV system as part of ongoing energy upgrades with the campus. The school consists of a Main Kitchen for standard operational cooking and a Culinary Kitchen for teaching and labs. System capabilities of integration with an existing building automation system, cloud-based services, automatic on and off sensing, and integration with existing heat exchange units were a must for this location.

Strategic Partner:

I·E·S·G
Integrity Energy Solutions Group

www.iesgcorp.com
1777 Marine Pkwy, Brooklyn NY 11234
info@iesgcorp.com
(800) 757-2406

Our Solution

National Resource Management (NRM) furnished and installed two ECOAZUR systems at this high school resulting in tremendous energy savings and ease of use for their existing systems. With ECOAZUR's ability to automatically turn on and off with varying cooking detection, the school no longer had to rely on any schedules for their operations and can now enjoy a worry-free energy savings solution that surpasses initial estimations.

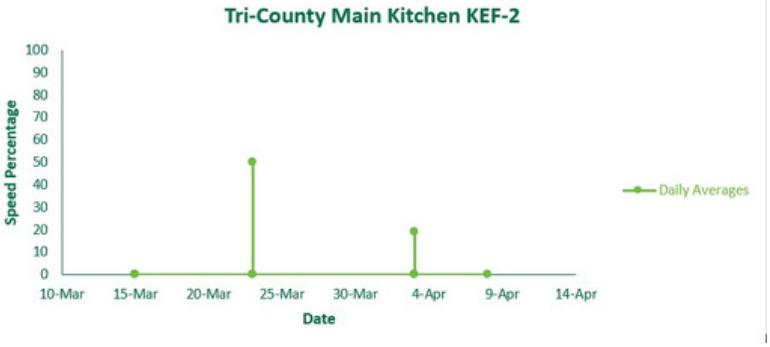
Results *Runtime Hours per Day: 8 | Total Controlled CFM: 22,275*

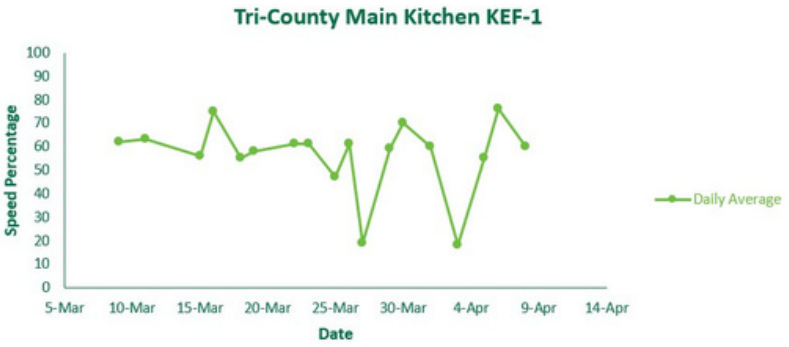
Estimated Preliminary Analysis:

Average New Fan Speed: 65%
Electrical Savings: 24,886 kWh / year
Electrical Savings: $3,733.00 / year
Heating Savings: $4,815 / year
Cooling Savings: $103 / year

Post Installation Analysis:

Average New Fan Speed: 52%
Electrical Savings: 32,450 kWh / year
Electrical Savings: $4,867.00 / year
Heating Savings: $6,672 / year
Cooling Savings: $143 / year





Strategic Partner:

I·E·S·G
Integrity Energy Solutions Group
www.iesgcorp.com
1777 Marine Pkwy, Brooklyn NY 11234
info@iesgcorp.com
(800) 757-2406