



Kitchen Hood Controls (VAV)



TEL's kitchen control system can detect both smoke and temperature rises, increasing the airflow only when full performance is needed, significantly reducing energy costs and carbon emissions of your kitchen hood.

Roughly 25% of a food service's energy costs are to condition outside air brought in to keep a kitchen comfortable and safe. According to estimates from the American Gas Association, the US food service industry wastes more than \$2 billion each year because of this type of excessive ventilation. TEL's kitchen control system has revolutionised kitchen costs, reducing energy usage by up to 75%.

Benefits:

Energy and cost savings

TEL's kitchen control system controls the amount of ventilation required in the kitchen depending on cooking loads, considerably reducing energy costs and carbon emissions.

Noise reduction

TEL's kitchen control system reduces the need to run fans at full speed all of the time, virtually eliminating kitchen noise levels and creating a pleasant environment for employees and guests (when hoods are located to guest rooms).

Extending equipment life

TEL's kitchen control system can extend the life of your kitchen equipment – including the belt life; filter life and reducing compressor run time.

Reducing cleaning costs

Excessive fan speeds send grease up the duct, into the fan and out to the building roof. Slowing down the exhaust fans and reducing the air duct velocity allows the grease to drain back to the hood and into grease cups for easy disposal. This reduces the frequency that the hood and ducts need to be cleaned.



World leaders in airflow controls and monitors



Choose the right model for your needs:

Kitchen hood VAV system

Available for single or multiple hood controls.

Gas interlocking system

TEL's kitchen hood VAV system can be supplied with an integrated Gas Interlock system, which will cut off gas flow in the event of kitchen ventilation failure. This is now a mandatory requirement in most commercial kitchens.

