

# VéTEC

## VIANEN EFFICIENCY TECHNOLOGY

As much as half of the energy used in your kitchen goes to heating and cooling. Making smart decisions about your kitchen's heating, ventilating, and air conditioning system can have a big effect on your utility bills — and your comfort. The Vianen VéTEC ventilation on demand system is specifically designed for groups or single canopies and ventilated ceilings. Together with the Vianen range of energy saving canopies it will save on the energy consumption within your professional kitchen. The VéTEC system automatically tunes the amount of extraction in accordance to the cooking equipment and the exact area where the cooking process is being carried out. When purchasing a new ventilation system, consider buying the VIANEN VéTEC efficiency unit that is custom designed to suit your needs. The VéTEC system can also be incorporated into existing kitchens.

## DESCRIPTION

- Sensors detect heat and smoke.
- The signals are sent to the VéTEC control unit.
- The VéTEC control unit regulates/adjusts fan speeds (exhaust and supply) with electrical dampers.
- Fans operate at a minimal of 30% fan speed by start-up of the system.
- The fans are automatically controlled according to activity of the cooking performed under each canopy.
- Integrated in the VéTEC is a unique overrule system to increase the fan speed for each individual canopy up to maximum.
- A manual on/off switch is provided on each canopy to maximize energy saving.

## BENEFITS

- Up to 62% saving on fan energy costs.
- Up to 45% saving on heating and cooling costs of conditioned air.
- GREEN – reduction in CO<sub>2</sub> emission.



REDUCTION IN CO<sub>2</sub> EMISSION

## ADVANTAGES

- ✓ A programmable system which regulates the required ventilation speeds during the cooking process.
- ✓ Automatic control of fan speeds for groups or single canopies and ventilated ceilings.
- ✓ Confines operation to the exact area where the cooking process is being performed.
- ✓ By start-up a minimal of 30% fan speed over the complete system.
- ✓ Unique overrule system to- increase fan speed of each canopy up to maximum on demand.
- ✓ A manual on/off switch on each canopy to maximize energy saving.
- ✓ Saves money by reducing levels of energy consumption up to 60%.
- ✓ Custom designed to suit your specific requirements.
- ✓ Can also be incorporated into existing kitchens.

# Efficiency Unit

1. Electric Damper
2. Smoke Detection
3. Display
4. Heat Detection
5. Spigot
6. Cool-Heat Supply unit
7. Exhaust unit
8. Controller

Exhaust FAN —  
Supply FAN Induction —

