

V-AFD

Vianen Air Flow Detection



OPTIMAL AIRFLOW MANAGEMENT

The key to reduced energy costs is to adopt a design that minimizes exhaust and make-up air rates while assuring proper capture and containment by the hoods and proper filtering and extraction by the filters.

The Vianen Air Flow Detection System measures the air flow velocity in m/s and converts the measurement signal into a standard signal. The airflow sensor is applicable for monitoring or controlling airflows in ducts.

- Measuring ranges from 0 to 30 m/s
- Ambient temperature ranges from -10 °C to 80°
- Energy management

DESCRIPTION

The Vianen Air Flow Detection system monitors the air flow in the ductwork.

Optional

The system can be installed stand alone or can be integrated into the Vianen Kitchen Management System, Maestro. The system alerts the user when the air flow is insufficient or redundant. The system secures the optimal airflow required for the exhaust system. The system can be applied in the exhaust and the supply air system in order to secure the optimal ventilation in the kitchen.

ADVANTAGES

- Energy saving.
- Reduced maintenance as there is less grease deposited from condensation outside the canopy.
- Increased hygiene level of the kitchen.
- Comfortable working environment.
- The V-AFD can be integrated into the Vianen Kitchen Management system.

VēTEC - Optional

- 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.

