

V-CLIX LOW ENERGY LUMINAIRE

The Vianen V-CLIX luminaire is specially designed for use in the Vianen canopies and ceiling systems for the professional kitchen. The modern and sleek design of the V-CLIX allows for easy maintenance. The lighting level of 500 lux at working height is standard.



CONSTRUCTION

The Vianen V-CLIX luminaire is designed with an anodized aluminium frame to dissipate the heat. The luminaire has an integrated tempered and clear glass panel. A driver is mounted on top of the LED panel which is connected to the 230V connection box.

On request Vianen can deliver alternative light fittings to suit customer requirements.

Inbuilt emergency lights can also be delivered upon request.

FECON® GREASE EXTRACTION FILTER

The FECON® filters are specially designed for Vianen canopies to remove grease particles from the extract air. The interlocking semi-circular blades of the filter create multiple centrifugal forces as the air passes through the filter which ensure efficiency rates of up to 95% can be achieved.

- Excellent levels of hygiene – NSF approved
- Long life solid and durable construction – stainless steel
- High efficiency rates of 95% by 8 micron
- Placed at an angle of approximately 45° in the hood
- Flame retardant according to DIN 4102 fire safety standard
- Flame retardant in case of flash fires
- Easy maintenance in any commercial dishwasher



Vianen FECON® filters are constructed from stainless steel type 304 (DIN 1.4031 grit 320) 1.20 mm thick. The 36 mm thick filter is constructed without rivets and is provided with two integrated handles formed from the surrounding frame. On the top and bottom the filter 10% is open for the out stream of grease and moisture.

CERTIFICATES

NSF – tested and approved for their high standard of hygiene
UL – tested and approved
FECON - Tested and approved as flame retardant by an independent institute

Disclaimer
Vianen has compiled this brochure for informational purposes only. The actual product may differ from the specifications in this brochure.

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Energy saving up to 60%

Induction CANOPY MODEL GV

ADVANTAGES

Energy savings up to 60% using un-tempered outside air
Even pressure drop over the filters
Comfortable working environment as the system allows for heat removal
Un-tempered air contained in the canopy
Reduces draft in the kitchen

We reserve the right to change specifications in this brochure without prior notice. October 2021.

GENERAL DESCRIPTION

To maintain a kitchen at a negative pressure when extracting kitchen vapours via an extraction unit the air should be simultaneously supplemented. This can result in high energy costs.

Energy savings can be achieved by drawing untempered outside air directly into the extraction canopy. This air is then forced through the adjustable air slot creating a venturi effect which increases the velocity of the air stream. The utilization of this high velocity air stream greatly increases the exhaust efficiency. The Fecon filters are inserted in the canopy at an angle of 45°. The air passes through the semi-circular channels of the Fecon filters and is forced into two directions separating the heavier grease particles from the air stream by centrifugal force. The grease runs off into the grease collecting gutter and is collected in a removable tray.

This compensation of approximately 60% exhaust air is a proven energy saver as only 40% tempered air is wasted. The design provides a comfortable work environment as it allows for heat removal and the untempered air is always contained within the canopy and personnel are not subjected to overhead draught.

The ventilators are operated via control cabinets which are supplied with the system.

APPLICATION

The GV canopy is suitable for all types of cooking equipment. The canopy is suitable for island and wall mounted cooking arrangements.

FABRICATION

The canopy is fabricated from stainless steel, all joints are welded and exposed surfaces are made of double sided, satin finish stainless steel 304 (DIN 1.4301 grit 280).

The sheet thickness is 1.25mm and canopies can be fabricated seamless up to lengths of 6 meters.

All canopies are provided with a condense channel with crush folded sloping edges.

The internal vertical joints are fitted with cover strips and all edges are properly deburred. The supply air plenum is insulated with 25mm thermal insulation. The supply air slot is adjustable and fitted with special baffles to regulate the volume of the air flow.

The standard height of the canopy is 600mm and can invariably be adapted to meet customer requirements. Reinforced fixture points are provided for installation to walls and ceilings.

The INDUCTION CANOPY MODEL GV

VIANEN GVW - Max. 60%	WALL	Width 1300mm Hoogte 600mm
VIANEN GVE - Max. 60%	DOUBLE ISLAND	Width 2600mm Hoogte 600mm

Canopies in other dimensions are available to suit specific customer requirements.

OPTIONS

The Vianen GV canopies are available with several options to further increase their efficiency and improve the working environment within the kitchen space.

Water Wash (WW) and also Water Wash Misty

Vianen UV-C Filtration System

Make-up/Supply air (MUAP)

