

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 oases through the filter which ensure efficiency rates of 95% are achieved.

- Excellent levels of hygiene – NSF approved
- Solid and durable construction – stainless steel
- High efficiency rates of 98% by 8 micron
- Placed at an angle of approximately 45° in the canopy
- Locked in to for the most demanding environments
- Flame retardant according to DIN 4102 fire safety standard
- Flame retardant in case of flash fires
- Long life

Easy maintenance in any commercial dish wash machine

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. The FECON® filters are resistant to most detergents.

CERTIFICATES

NSF - tested and approved for their high standard of hygiene

UL - tested and approved

Tested and approved as flame retardant by an independent institute.



Energy saving
canopy

28%

ADVANTAGES

Energy saving - reduction in air conditioning up to 28%

Clever space saving due to reduction in fans and duct sizing

Reduction in size of air treatment unit

Reduction of kW consumption

Reduction in required air change rate per hour

Jetstream technology reduces spillage of exhaust fumes into the kitchen area

Reduces draught in the kitchen

Comfortable working climate

FECON® filters - UL and NSF certified

FECON® filters - tested and approved flame retardant by an independent institute.

e reserve the right to change specification in this brochure without prior notice
September 2020

Vianen KVS BV
Finse Golf 18
3446 CK Woerden
info@vianenkvs.com
www.vianenkvs.com
Tel: (+31)348-41 63 00

Disclaimer

Vianen has compiled the following brochure for information purposes only.
The actual product may deviate from the specifications provided in this brochure.

VIANERGY II

GB

DESCRIPTION

Suitable for all types of cooking equipment over wall and island arrangements.
A significant improvement of the capture and containment performance of the Vianergy II® canopy is obtained due to the modification in the curved structure on the internal side of the front of the canopy. The curved structure ends with a specially designed (and patented) lip, angled upward to turn the deflected air back to the filter.

The canopy is designed with slots for the air supply, capture air principle, on the inner bottom circumference – three sides (wall type) and 4 sides (island type).

This capture air is introduced into the canopy with a maximum velocity of 2m1/s and it lifts the deflected airflow back to the filter bank, avoiding spillage of fumes and contaminants back into the kitchen.

A significant energy saving, up to 28%, is achieved due to this new, patented construction, tested by an independent institute in the Netherlands, conform ASTM F1704 method.

CONSTRUCTION

The canopy is fabricated from 1.0 – 1.2mm thick type AISI 304 or optional AISI 316L stainless steel. All visible surfaces are ultra- ne grain polished (320 grit) and polythene protected.

The canopy is cut, punched and folded into seamless section of up to 6m in length and factory assembled by means of seam welds and non-visible mechanical fixings.

Joints are provided with internal cover-plates so that no joints or mechanical fixings are visible.

All metal edges are rolled smooth and are free from sharp edges and projections.

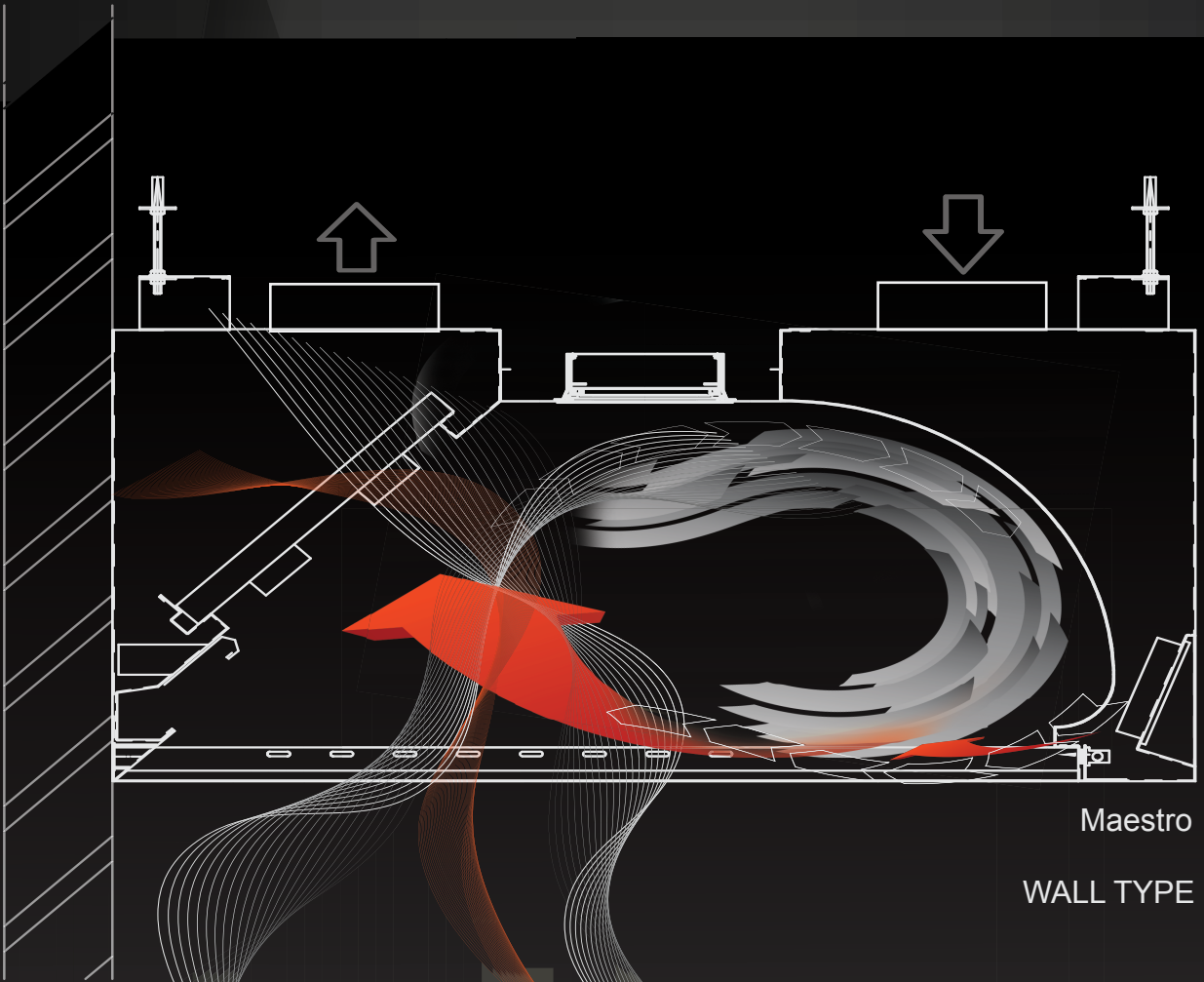
The canopy is equipped with Vianen FECON® grease extraction filters which are designed to allow the grease to run off the filters into an integral grease collecting channel and then into easily removable grease trays.

The Vianergy II® canopy has a constant exhaust pressure drop of 100 Pa.

JET STREAM AIR TECHNOLOGY

Jet Stream Air is drawn by fan from the ceiling void or via ducts to factory fitted flanges on top of the canopy. The air passes into the insulated supply air plenum and passes out through a series of slots into the main canopy envelope.
The air is delivered from these slots at a maximum velocity of 2m1/s and represents less than 10% of the total extract air flow rate.
This technology ensures a positive capture and containment of the thermal plume generated by the cooking process.
All Vianen canopies are available with several options to further increase their efficiency safety and improve the air-quality.

- UV-C filtration
- MUAP – Make-up Supply Air
- Automatic Water Wash (with optional Misty system)
- Fire Suppression System
- VéTEC – On demand control ventilation system
- Maestro – Kitchen Management System
- Victoria – Online Intelligent Monitoring System



HE VIANERGY II® canopy is available in the following configurations:

VIANEN VIANERGY II AJET STREAM SUPPLY max. 10% WALL MOUNTED

VIANEN VIANERGY II E JET STREAM SUPPLY max. 10% SINGLE SIDED ISLAND

VIANEN VIANERGY II D JET STREAM SUPPLY max. 10% DOUBLE SIDED ISLAND

STANDARD DIMENSIONS:

WALL CANOPIES Width 1400mm Height 600mm

SINGLE SIDED ISLAND CANOPIESWidth 1400mm Height 600mm

ISLAND CANOPIES Width 2600mm Height 600mm

Deviations to these standards can be adapted to meet customer requirements

INSTALLATION

Hanging brackets are fitted on top of the corners of the canopy for easy installation.