VIANEN

FECON® FILTER

ADVANTAGES

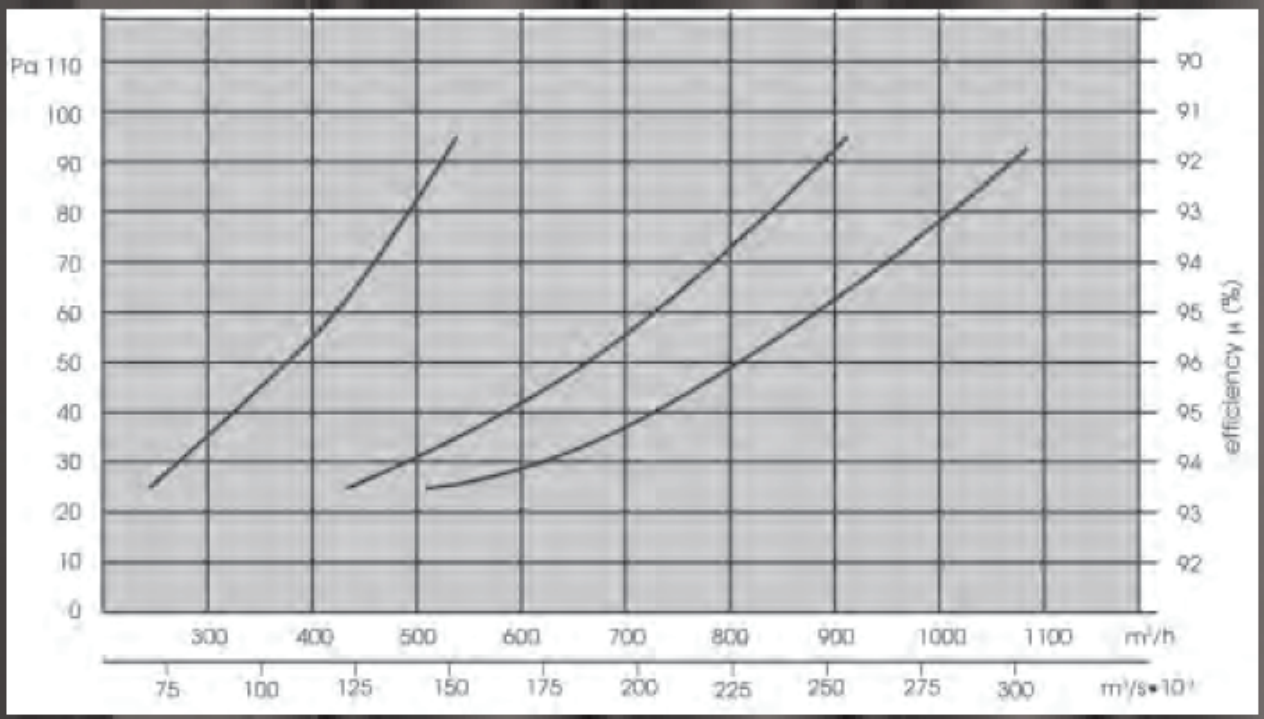
- Highly efficient 95% grease extract rate
- Excellent levels of Hygiene – NSF approved
- Completely constructed in stainless steel
- Solid and durable construction
- Proven and certified fire barrier (TNO)
- Designed to fit in commercial dishwashers for easy cleaning
- UL tested and approved

DESCRIPTION

The Vianen Fecon Filter is designed to remove grease particles from the extract air stream of commercial kitchen ventilation systems. The interlocking semi-circular blades of the filter create multiple centrifugal forces as the air passes through the filter which ensures efficiency rates of 95% are achieved. The filters are mounted in the canopy at an inclined angle of 45° and the non-clogging nature of the cyclone filters allows the grease to run off the filters into integral drainage channels within the canopy or ceiling system. Each filter features two integral handles to make removal and refitting of the filters an easy operation.

The filters are available in various sizes. The filter size is selected to match the canopy extract airflow requirements; this means that the air velocity through the filter is at its optimum to ensure the highest level of grease extraction whilst guaranteeing a constant pressure drop over the filter.

The Fecon filter has been tested and is certified as an effective flame barrier i.e. no flame penetration through the filter in the event of a kitchen fire. Tested and Certified to DIN 4102.



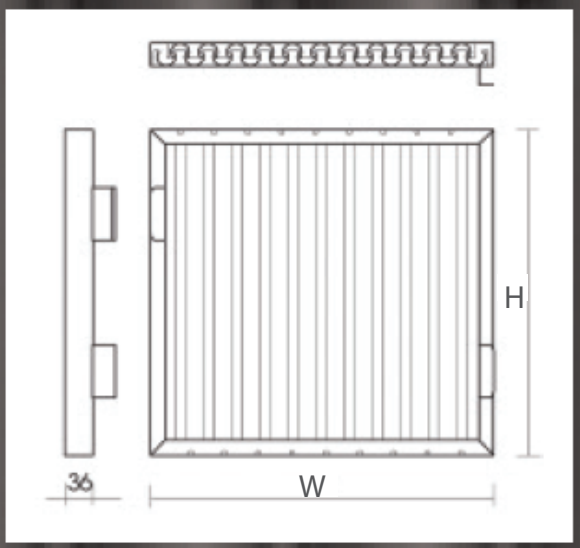
CONSTRUCTION

VIANEN FECON filters are constructed entirely of type 304 stainless steel (1.0-1.2mm thick), folded and welded with an ultra fine grain polished finish. The 36mm thick deep filter is provided with two integral handles for ease of handling. The top and bottom of the filter frame features slots providing a 10% free area which allows moisture and grease to easily drain away.

FECON® FILTER

The Fecon filter is available in standard sizes and can be produced to customer specifications.

DIMENSIONS W x H x D	WEIGHT
500 x 250 x 36 mm	2.3 kg
500 x 300 x 36 mm	2.7 kg
500 x 350 x 36 mm	3.3 kg
500 x 400 x 36 mm	3.8 kg
500 x 500 x 36 mm	4.2 kg
500 x 600 x 36 mm	4.7 kg
450 x 500 x 36 mm	4.0 kg



FECON-S Filter

Designed for use in the VIANEN range of canopies where grease generated by the cooking process is extremely high or the grease particles are very small. The FECON-S filter features additional stainless steel layers designed to trap the small grease particles. The dimension of the FECON-S filter due to the additional layers is 40mm thick, the width and length are the same as the standard FECON filter above.

FECON-UV-C Filter

Designed for use in the VIANEN UV-C canopy range. The FECON Filter is fitted with a special reflective layer on the reverse side so that no UV-C light is visible. Due to the UV-C working this layer is kept clean. The FECON-UV-C filter is placed in a special profile in the canopy so that the filters can be slid into place from left to right. The underlying profile in the canopy is marked with an arrow. A special detector under this arrow activates the UV-C control unit ensuring optimal safety of the UV-C system. For more information on our UV-C canopies please see our brochure VIANEN UV-C canopies.

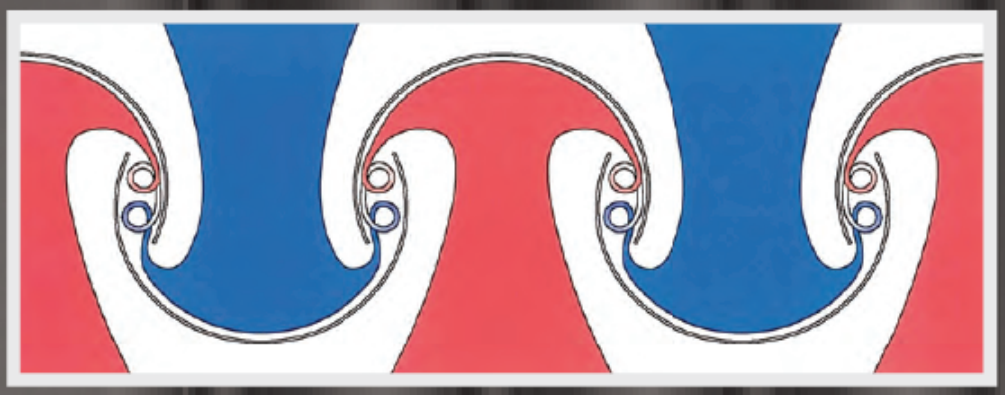
CERTIFICATES

NSF - tested and approved for its high hygienic standards
TNO - tested and certified for no flame penetration through filter
UL - tested and approved

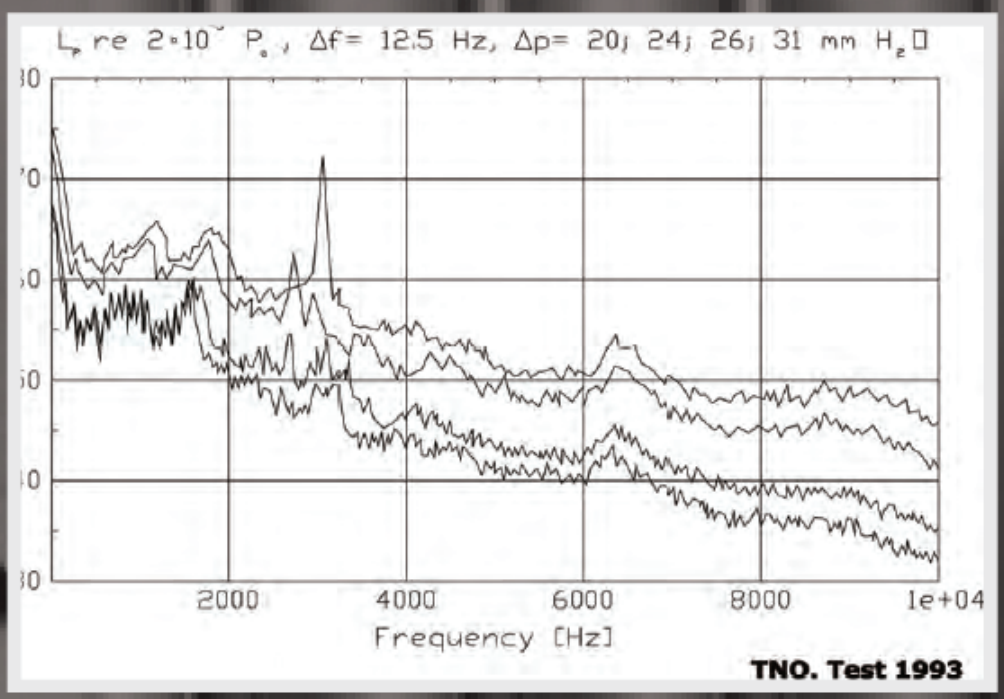
MAINTENANCE

The Fecon filters are resistant to most aggressive detergents and can be washed in any commercial dishwasher.

FECON FILTER WITH CYCLONE WORKING



The principle of the cyclone working of the FECON filter. Since 1982



FECON FILTER SOUND GRAPH

Vianen KVS B.V.
Edisonweg 15, 3442 AC Woerden
P.O. Box 163, 3440 AD Woerden, Holland
www.vianenkvs.com

Tel.: (+31) 348 - 41 63 00
Fax.: (+31) 348 - 42 15 95
info@vianenkvs.nl

VIANEN