

BAFFLE FILTER – CURVED BLADE



CVE Shop Curved Blade Baffle Grease Filters work very differently to the Mesh type.

Rather than trapping the grease within the Filter Medium, Baffle Filters work by forcing the grease laden air through several changes of direction as it passes through the Grease Filter. Because the grease droplets are unable to change direction as quickly as the air in which they are carried, they become separated from the air and are deposited on the Baffle Filter blades and drained into drip trays.

This method of Grease Filtration removes any potential risk of spread of fire, should a fire occur on the cooking surface below.

Without Grease build up in the Steel Extraction Filter there is no increase in operating resistance, allowing a constant airflow to be maintained and also reducing energy consumption.

CVE Shop Curved Blade Grease Filters are constructed from stainless steel, providing the most durable filter available in today's market, and will provide years of trouble-free operation. There are no coatings to wear out and no involved mechanisms which can jam.

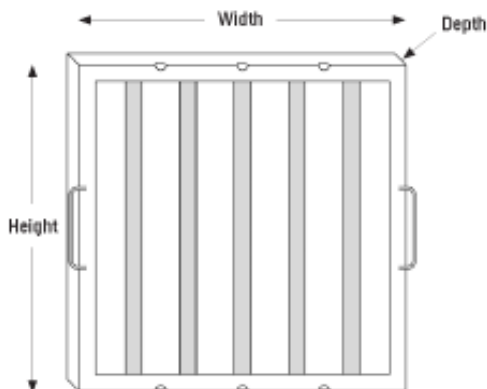
CVE Shop baffle filters have a series of vertical Stainless Steel curved vanes housed in a channel frame, with each of the baffles strategically aligned to provide the highest potential for grease removal. Due to the smooth nature of the vanes the grease naturally runs downwards, through the drainage holes and into the collecting trays normally provided within the canopy holding casings.

Standard finish is mirror finish stainless steel.

The filters comply with the requirements of DW.172 and Loss Prevention Certification Boards document LPS1263.

Standard Sizes Available / Technical Data

CVE Product Code	Actual Size W x H x D	Rated Airflow	Operating Pd
CVCBBF1	495mm x 245mm x 48mm	0.19m ³ /s	100Pa
CVCBBF2	395mm x 395mm x 48mm	0.27m ³ /s	110Pa
CVCBBF3	445mm x 445mm x 48mm	0.31m ³ /s	125Pa
CVCBBF4	495mm x 395mm x 48mm	0.31m ³ /s	125Pa
CVCBBF5	395mm x 495mm x 48mm	0.31m ³ /s	125Pa
CVCBBF6	495mm x 495mm x 48mm	0.31m ³ /s	125Pa
CVCBBF7	595mm x 595mm x 48mm	0.38m ³ /s	145Pa
CVCBBF8	495mm x 625mm x 48mm	0.38m ³ /s	145Pa



Non standard sizes are available – made to order.
(normally 5 working days)

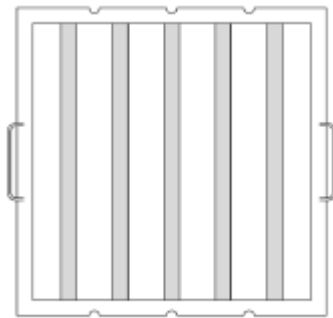
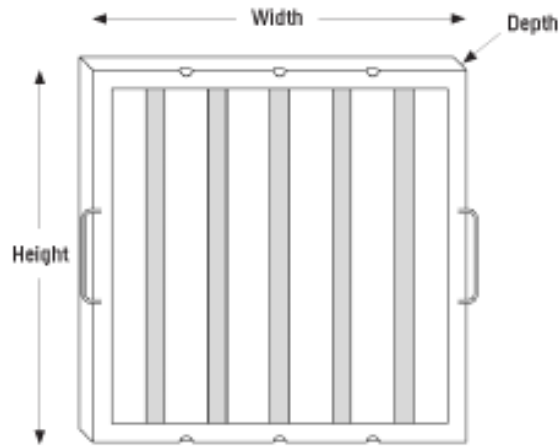
How to measure a baffle filter

Stand filter up with blades vertical and drain holes at the bottom.

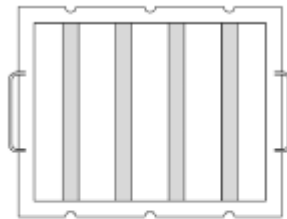
Measure **Width** left to right.

Measure **Height** top to bottom (handles always on this side).

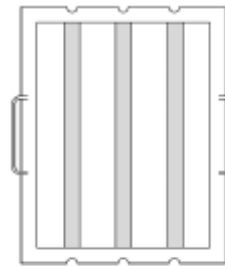
Depth is thickness.



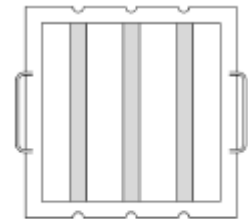
STANDARD BLADES VERTICAL



**RECTANGULAR
WIDER THAN TALL**



**RECTANGULAR
TALLER THAN WIDE**



SMALL SQUARE