

# BAFFLE FILTER – SQUARE BLADE



**CVE Shop Heavy Duty, High Quality 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 Premium Grease Filters are constructed of heavy duty 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.

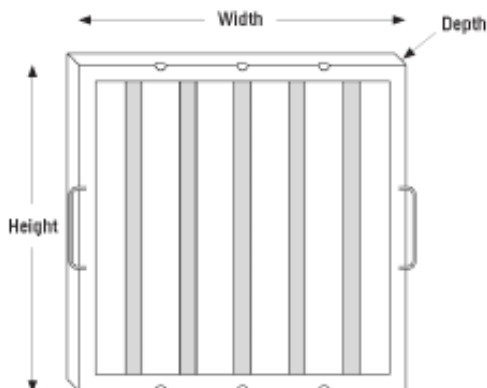
CVE Shop baffle filters have a series of vertical Stainless Steel vanes housed in a channel frame, with each of the baffles strategically aligned to provide the highest potential for grease removal. Due to the smooth nature of the vanes the grease naturally runs downwards, through the drainage holes 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	Nominal Size W x H x D	Actual Size W x H x D	Rated Airflow	Operating Pd
CVSBBF1	500mm x 250mm x 50mm	495mm x 241mm x 48mm	0.23m <sup>3</sup> /s	80Pa
CVSBBF2	400mm x 400mm x 50mm	394mm x 394mm x 48mm	0.29m <sup>3</sup> /s	80Pa
CVSBBF3	450mm x 450mm x 50mm	445mm x 445mm x 48mm	0.36m <sup>3</sup> /s	80Pa
CVSBBF4	500mm x 400mm x 50mm	495mm x 394mm x 48mm	0.36m <sup>3</sup> /s	80Pa
CVSBBF5	500mm x 500mm x 50mm	495mm x 495mm x 48mm	0.45m <sup>3</sup> /s	80Pa



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

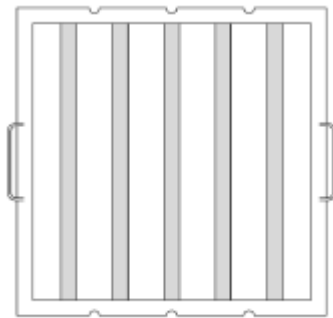
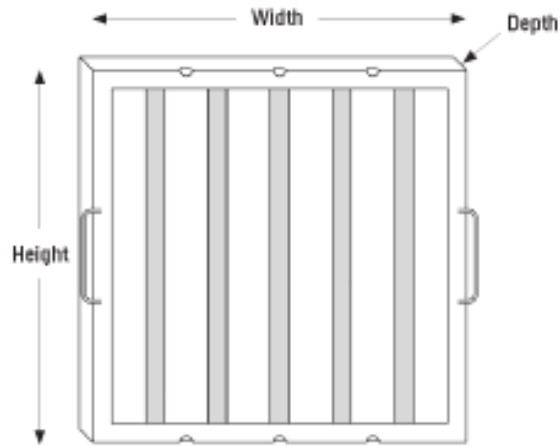
#### How to measure a baffle filter

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

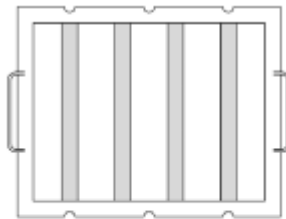
Measure **Width** left to right.

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

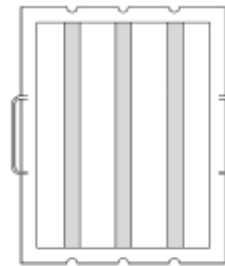
**Depth** is thickness.



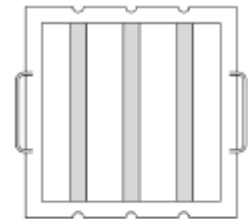
**STANDARD BLADES VERTICAL**



**RECTANGULAR  
WIDER THAN TALL**



**RECTANGULAR  
TALLER THAN WIDE**



**SMALL SQUARE**