

# AIRCLEAN

YOUR AIR FILTER MANUFACTURER

P.O. BOX 147,  
MAIDSTONE, ME14 2LA.

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## Baffle Grease Filters

### Applications

It is recognised that there is an increasing need to maintain and improve hygiene standards in kitchens and to reduce the fire hazards above the heat source.

The Airclean baffle filter reduces this fire hazard with their unique design concept of non-grease loading (negligible grease accumulation), and interlocking baffle walls which restrict the passage of flames into the ductwork.



### Construction

Housed in a stainless steel channel framework are a series of vertical stainless steel air baffles which are strategically aligned to change the direction of the grease-laden air. This action causes the deposition of the grease quickly, without re-entrainment onto the baffles whilst the grease-free air passes through the filter. The baffle's smooth surface enables deposited grease to run off via the drainage holes to collecting trays in the housing, minimising grease build-up.

The retractable handle facilitates easy removal from the housing.

### Materials available:

- Aluminium
- Stainless steel Grade 304
- Stainless steel Grade 430 - ECO.

### Capacity Chart

Data based on Face Velocity of 1.5 m/s (300 fpm)

SIZE	SIZE	Flow Rate	
		m <sup>3</sup> /s	Pa
OT Inches	Actual mm		
16 x 16	394 x 394	0.25	125
20 x 10	495 x 242	0.19	110
20 x 16	495 x 394	0.31	125
20 x 20	495 x 495	0.39	125
18 x 18	445 x 445	0.31	125
24 x 24	594 x 594	0.54	110

Actual Face Size = Nominal Size less 12mm (0.5")  
Actual thickness = Nominal thickness less 3mm (0.125")

Code AC3/3a Ref 01/11

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## Heavy Duty Range

Manufactured from Grade 304 Stainless Steel having a brushed finish.

## Economy Range

Manufactured from Grade 430 Stainless Steel having a mirror finish.

## **Cleaning**

It is important that grease filters are cleaned regularly (according to use). This can be carried out by steam cleaning, washing in an automatic dishwasher, or by immersion in a solution specially designed for this purpose.

AIRCLEAN have a range of cleaning crystals and tanks available which are described, in leaflet AC3/8.



The company reserves the right to change specifications without notice. E&OE

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