

## STAINLESS STEEL BAFFLE GREASE FILTERS

### Applications

- Primary Grease Removal
- Fire Prevention
- Easily Cleaned
- Recommended by Specification DW172

The Airclean Baffle filter is designed to use centrifugal forces to remove grease from the air stream directly above the cooking range. This style of grease filter offers protection against fire due to the interlocked blades, with no direct route through for flames.



### 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.

### Technical

Materials available:

Stainless steel Grade 304 (Dull Polished Finish)

Stainless steel Grade 430 - ECO (Mirror Finish)

Recommended Face Velocity: 1.5m/s

### BAFFLE STYLE GREASE FILTER STANDARD SIZES

Size		Flow Rate		ST STEEL ECO 2" (47mm) Grade 430 St/St	ST STEEL HD 2" (47mm) Grade 304 St/St
OT Inches	Actual mm	m <sup>3</sup> /s based on FV 1.5m/s	Pressure Drop Pa	Part Numbers	Part Numbers
16 x 16 x 2	394 x 394 x 47	0.25	125	1321119	1320119
20 x 10 x 2	495 x 242 x 47	0.19	110	1321120	1320120
20 x 16 x 2	495 x 394 x 47	0.31	125	1321121	1320121
20 x 20 x 2	495 x 495 x 47	0.39	125	1321122	1320122
18 x 18 x 2	445 x 445 x 47	0.31	125	1321123	1320123
24 x 24 x 2	597 x 597 x 47	0.54	110	1321124	1320124
NON STANDARD				1321998	1320998