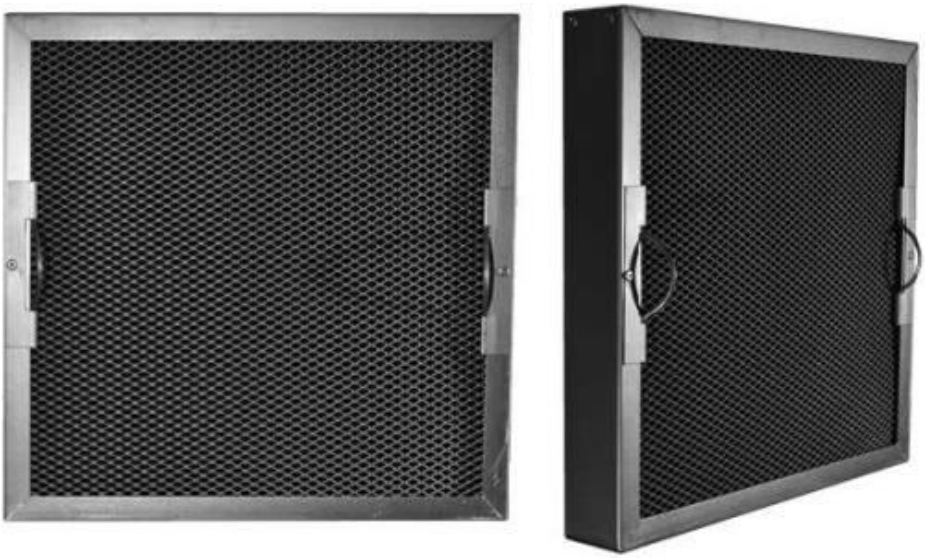
GREASE FILTER
GR SERIES



General Description

Pearl Filtration's Grease Filters are commonly used in commercial kitchen canopy and exhaust applications. They are a coalescent filter with the capability to remove grease, oil, or fat from a ventilation system.

Construction

Standard filters are manufactured in entirely from aluminium. The frame is cold-formed to shape and secured with pop rivets.

Multiple layers of corrugated aluminium mesh are installed within the frame. A layer of expanded aluminium acts as a face mesh to secure the filter.

Standard frames are nominal 50 mm thick.

Two handles are attached to the frame upon request.

At least two drainage holes are drilled into the bottom of the frame.

Grease Filters can be constructed entirely of Stainless Steel upon request.

Pearl Filtration Pty Ltd
23-25 Michellan Court
BAYSWATER VIC 3153
Tel: (03) 9720 3101
Email: sales@pearlfiltration.com.au

Installation and Maintenance

Grease Filters must be installed vertically to ensure any trapped particles can properly drain. Sufficient drainage should be applied to the filter and mounting device. Filter should not be installed at an angle greater than 30° to the vertical.

The efficiency of grease filters is dependent on their condition, and therefore they must be cleaned frequently. Grease filters can be washed with either hot water or steam. Cleaning solutions are not recommended as they may damage the filter. To obtain optimum performance and life it is recommended that filters are cleaned regularly.

Performance

Dimensions (mm)	Airflow Capacity (L/s) @ 1.8 m/s	Pressure Drop (Pa) @ 1.8 m/s
295 × 595	315	35
380 × 455	310	35
395 × 495	350	35
395 × 622	440	35
495 × 495	440	35
495 × 622	555	35
495 × 750	670	35
595 × 595	635	35

GR Series filters are available in all the above sizes in nominal 50 mm thickness. Custom sizes can be manufactured upon request. Non-standard filters may result in a higher pressure drop and lower efficiency. It is recommended the filter operates at a face velocity of no more than 1.8 m/s (maximum allowable 2.54 m/s).

Claim

To our best knowledge at present time, information contained herein is accurate. We do not assume any liability whatsoever for the accuracy and completeness of the information contained here within. Therefore final determination of suitability of any material is the sole responsibility of the user(s). Recipients of our products must take necessary measures and responsibilities in order to comply with related local government regulations and laws.

Pearl Filtration Pty Ltd
23-25 Michellan Court
BAYSWATER VIC 3153
Tel: (03) 9720 3101
Email: sales@pearlfiltration.com.au