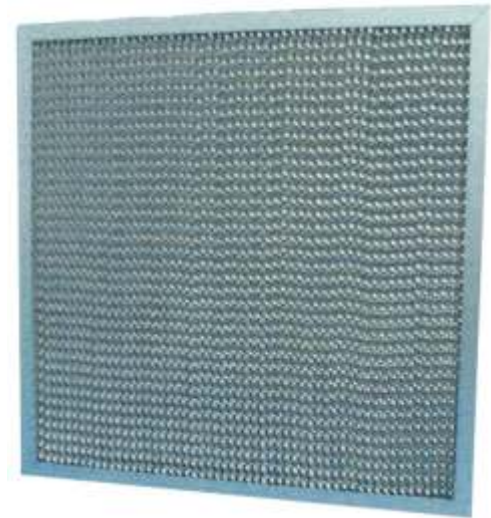
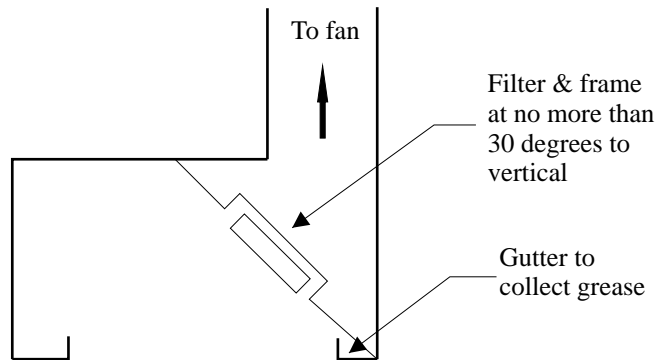


Honeycomb aluminium grease filter

Typical installation



Description:

Honeycomb grease filters are a 50 mm thick panel filter incorporating corrugated aluminium filter media designed for use in cooking exhaust applications.

Construction:

The filter is manufactured with a 1.6 Aluminium frame surround, enclosing a honeycomb filter core. The frame is pop riveted together to allow easy replacement of the filter core if required and incorporates handles on the vertical sides of the filter.

The filters are manufactured with drainage holes on each corner so as excess grease and oil can drain to the collecting channels, along the perimeter of the exhaust hood.

The filter core is manufactured from work hardened aluminium, which is formed into a corrugated honeycomb. The smooth walled passages of the

aluminium core, reduces clogging of the filter and allows the filter to be easily cleaned.

Applications:

Honeycomb filters are lightweight washable panel filter designed for use in cooking exhaust systems, for removal grease and oil from the exhaust air stream.

Installation:

Aluminium or galvanized steel holding frames are available for the filter to be easily installed into kitchen exhaust hoods.

Grease filters must be installed with the honeycomb media running vertical and the face of the filter at an angle to the horizontal (no more than 30° from the vertical), so as the excess grease and oil can drain from the filter.

Honeycomb aluminium grease filter

Maintenance:

Grease filters must be cleaned regularly to reduce the risk of collected grease from dropping back from the filter and to prevent dangerous amounts of combustible material from building up in the filter.

The filter panel is readily removed from the filter holding frame or slide. Filters can be easily cleaned with high pressure water, to remove grease and oil. Caustic cleaning solutions must

not be used as they will corrode the aluminium media and frame.

When cleaning filters it is important that there is no possibility for the run off to enter storm water drains.

Performance:

Filters are available in standard sizes as detailed in the table below. Non-standard sizes are also available on request. Holding frames are manufactured from either galvanised steel or aluminium.

Specifications:

Filter size (mm)	Nominal air flow l/sec	Clean resistance
295 x 495	360	25 Pa.
395 x 495	490	25 Pa.
495 x 495	610	25 Pa.
622 x 395	610	25 Pa.
622 x 495	760	25 Pa.
495 x 750	920	25 Pa.
595 x 595	890	25 Pa.