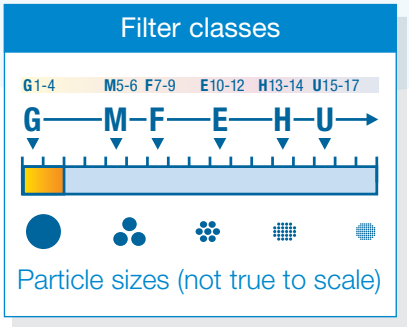
CONCEPTFILTERPRODUCTS
Professional Filter Management

Mesh Filters

Grease Filters

G2 Tested to European Standard DIN 18869-5



Our heavy duty Mesh Filters, with their multi-layer expanded mesh design combine low pressure loss with high grease arrestment. Extracting airborne grease from indoor air and protecting against the fire hazards associated with its build-up, they are ideal for a range of applications including domestic and commercial kitchens.

Choose Mesh Filters for maximum grease retention.

THE KEY BENEFITS

1 Reduced fire risk

Layers of strong knitted mesh capture grease particles, lowering grease build-up in extraction system duct work and significantly reducing the risk of fire. All our Mesh Filters meet the UL Class 2 fire rating standard.

2 Durable

The unique expanded metal pad design and multi-layer construction withstands a higher degree of cleaning and maintenance than that of conventional KnitMesh pad.

3 Low maintenance

Mesh filters are easy to clean; soak regularly in a mild detergent and rinse.

Air conditioning & ventilation technology

Painting & drying technology

Concept Filter Products Unit 5 Bredbury Court, Ashton Road, Bredbury, Stockport SK6 2QB www.cfpdirect.co.uk t: 0161 406 5050

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APPLICATIONS

- All types of grease extraction including:
  - Domestic & Commercial kitchens
  - Cooker hoods
  - All types of grease extraction

VERSIONS

- Frame types:
  - Stainless steel
  - Galvanised steel

- Frame depth: 8mm, 10mm, 12mm, 20mm, 25mm, 40mm, 45mm, 50mm and 95mm

CLASSIFICATION

- Filter class G2 ☐

MATERIAL CHARACTERISTICS

- Tested to European Standard DIN 18869-5
- Fire rating: UL Class 2
- 85-90% efficient (tested by ULC)
- 100% relative humidity
- Operating temperature 65˚C galvanised steel
- Operating temperature 200˚C stainless steel
- Handles and drain holes

Mesh Filters		
Panel Thickness Air Velocity (m/s)	**20mm Pressure Drop Pa**	**45mm Pressure Drop Pa**
0.5	2	2
1.0	6	8
1.5	12	16
2.0	22	29
3.0	44	57
4.0	77	99
5.0	118	151
Final recommended	130	130
Resistance Pa		
Average Arrestance	<65%	>65%<80%
Information supplied applies to all sizes of filter panels		

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