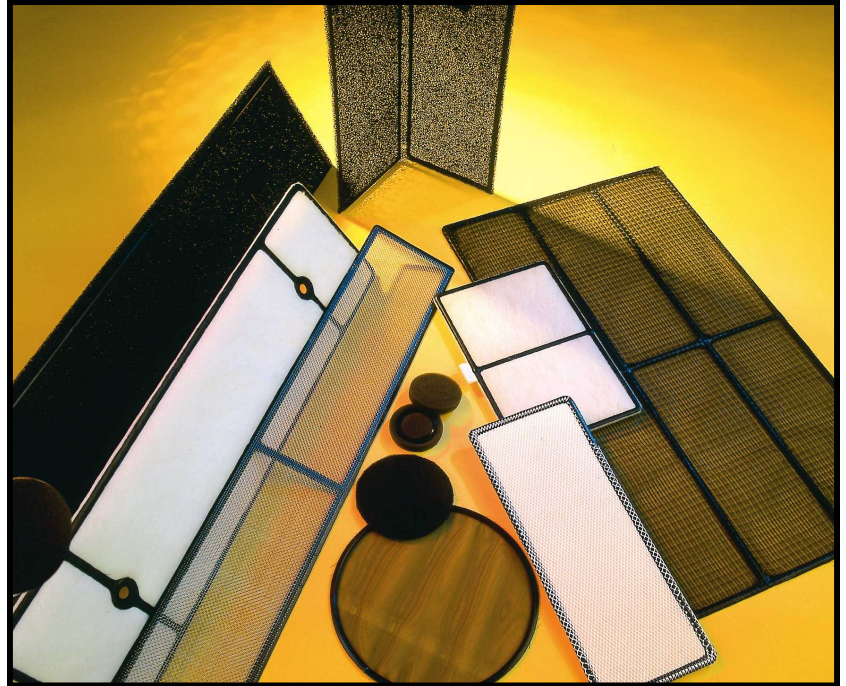


CIRCAFRAME CLEANABLE FILTERS



Air filters for fan coil units, compact air conditioning units and electronic equipment

The EMCEL Circaframe particle filter is uniquely constructed, with a strong wire frame thermoplastically bonded to media selected from a large range with differing filtration characteristics, including a UL94 V-0 Flame Retardant version. Virtually any size or shape is possible with the manufacturing process suited to competitively priced small or large batch production.



Applications Include:-

Air Conditioning Units, Fan Coil Units, Clean Air Cabinets, Computers, Electronic Enclosures, Telecoms Equipment, Automotive Applications, Ventilation Systems, Motors, Instrument Cases, Control Consoles, Prefilters to Critical Filtration.

Virtually any size, any shape in any quantity

Extensive range of other filtration media including Nylon/Carbon cloth

Available with tags, loops, handles, grilles and frames

Robust construction, long service life

Some Typical examples and performance details:

Circaframe Specification	Polyfoam 6mm/30ppi	Synthetic Media 10mm thick	Synthetic Media 16mm thick	Synthetic Media 20mm thick
Arrestance (Eurovent 4/5)	65% G2 (EU2)	67% G2 (EU2)	83% G3 (EU3)	92% G4 (EU4)
ISO16890 Rating	ISO Coarse, <50%	ISO Coarse, <50%	ISO Coarse, <50%	ISO Coarse, <50%
Initial Resistance at 1.5 m/s (Pa)	12	15	20	55
Recommended Final Resistance (Pa)	75	125	200	200
Temperature Range	70°C max	100°C max	100°C max	100°C max
Cleanable	✓	✓	✓	✓

Lightweight, durable, corrosion resistant and cleanable the Circaframe filter can be designed and manufactured in any quantity to suit customer specification. The EMCEL Technical Sales Team will be pleased to advise on individual applications for Circaframes or any other air filtration requirements.

EMCEL FILTERS LIMITED

Blatchford Road, Horsham, West Sussex, RH13 5RA, United Kingdom

Tel: (01403) 253215 Fax: (01403) 217011

www.emcelfilters.co.uk E-mail: info@emcelfilters.co.uk



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