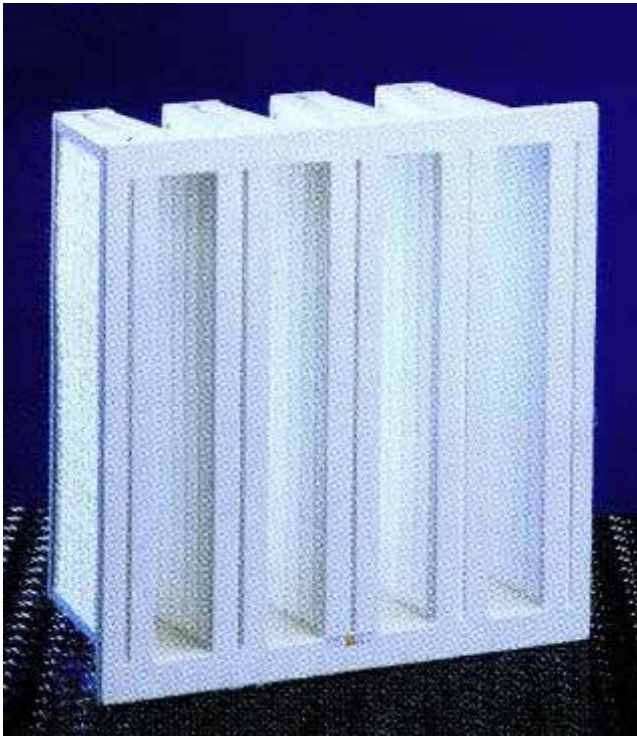

EMW

filtertechnik



Gas Turbine Grade Minipleats



- F6-F9 efficiency
- Polystyrene housing
- Completely incinerable
- High surface area for high flow

Air Care Technology Ltd continuously strives to improve the design and quality of our products, and we reserve the right to change or discontinue any product at our discretion without notice or obligation.



Clean Air Systems and Products

Description

EMW Minipleat fine filters are manufactured in a plastic housing with V-shaped minipleat modules. The pleats inside the housing are fully casted to avoid the possibility of bypass.

Filters are available as cassettes with headers and as box-style units. All are light-weight, metal-free and fully incinerable. They have low initial pressure drop and therefore longer life.

Applications

EMW Minipleat filters were designed for use with gas turbines. They can also be used in other high-performance applications. The cassette-style filters may be used in conjunction with **EMW** bag pre-filters and pre-filter housings as a space-saving alternative.

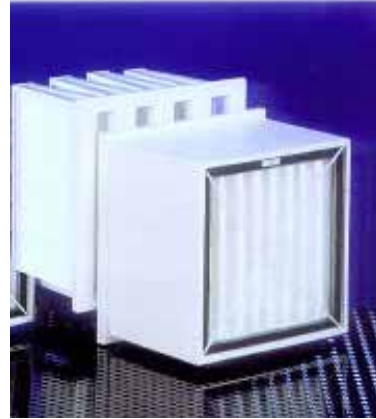
Mounting

Airefil Filter Frames for front access

PAPWORTH ENGINEERING Side Access Filter Housings

AirCare In-Line Modules

AirCare Safechange Modules for use with hazardous substances.



Technical Data

Product Code	Dimensions (mm) (H×W×D)	Media Area (sq m)	Efficiency	Rated Airflow (L/s)	Approx Initial Pressure (Pa)
Mini-pleat Cassette Style Filters					
FI4622	592 × 592 × 296	22	F6	945	85
FI4631	592 × 592 × 400	31	F6	945	60
FI4722	592 × 592 × 296	22	F7	945	90
FI4731	592 × 592 × 400	31	F7	945	77
FI4822	592 × 592 × 296	22	F8	945	100
FI4831	592 × 592 × 400	31	F8	945	83
FI4922	592 × 592 × 296	22	F9	945	116
FI4931	592 × 592 × 400	31	F9	945	98
Mini-pleat Box Style Filters					
FI4642	592 × 592 × 292	22	F6	945	75
FI4742	592 × 592 × 292	22	F7	945	79
FI4842	592 × 592 × 292	22	F8	945	88
FI4942	592 × 592 × 292	22	F9	945	102

Notes: 1. Temperature Rating: 80°C

2. Recommended Final Pressure Drop: 450 Pa

3. Burst Pressure: 2466 Pa

4. Half-size filters are also available



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Related Products:

EMW Gas Turbine Grade Bag Filters

Airefil 2 Stage Storm Louvres

Airefil 3 Stage Storm Louvres

Data Sheets:

[E54159](#)

[E54118](#)

[E54119](#)