

Airefil DP Disposable Pleated Air Filter



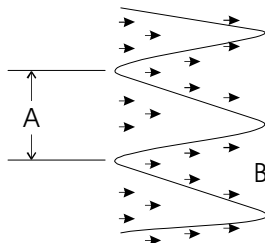
- **Non-woven cotton and synthetic fibres with high dust-holding capacity.**
- **Media support grid of expanded painted metal for corrosion resistance and 100% media to metal adhesion.**
- **Double wall of high wet-strength moisture-resistant beverage board.**
- **Filter pack is bonded to the frame to prevent bypass.**
- **Totally disposable.**

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.

DP Filter Performance Data

Part Number	Actual Size W × H × D (mm)	Media		Rated Capacity (L/s) & Resistance (Pa)					
		Pleats #	Area M ²	1.5 m/s		2.5 m/s		3.2 m/s	
FI2412	289 × 594 × 22	15	0.40	280	50	470	87	—	—
FI2405	340 × 492 × 22	18	0.39	280	50	470	87	—	—
FI2406	391 × 492 × 22	21	0.46	300	50	520	87	—	—
FI2409	391 × 619 × 22	21	0.58	400	50	660	87	—	—
FI2407	492 × 492 × 22	25	0.55	400	50	660	87	—	—
FI2408	492 × 619 × 22	26	0.72	500	50	820	87	—	—
FI2410	594 × 594 × 22	31	0.82	560	50	940	87	—	—
FI2437	289 × 594 × 44	15	0.85	280	32	470	65	590	90
FI2434	391 × 492 × 44	20	0.93	300	32	520	65	660	90
FI2442	391 × 619 × 44	20	1.18	400	32	520	65	660	90
FI2438	594 × 441 × 44	22	1.24	420	32	700	65	880	90
FI2436	492 × 492 × 44	25	1.17	400	32	660	65	820	90
FI2439	594 × 492 × 44	25	1.41	470	32	780	65	990	90
FI2444	492 × 619 × 44	25	1.48	500	32	820	65	1020	90
FI2440	594 × 594 × 44	29	1.70	560	32	940	65	1180	90
FI2457	289 × 594 × 95	10	1.17	280	30	470	50	590	75
FI2455	391 × 492 × 95	14	1.36	300	30	520	50	660	75
FI2461	391 × 619 × 95	14	1.71	400	30	660	50	820	75
FI2458	594 × 441 × 95	16	1.87	420	30	700	50	890	75
FI2456	492 × 492 × 95	18	1.75	400	30	660	50	820	75
FI2459	594 × 492 × 95	18	2.10	470	30	780	50	990	75
FI2462	492 × 619 × 95	17	2.07	500	30	820	50	1010	75
FI2460	594 × 594 × 95	22	2.57	560	30	940	50	1180	75

The radial wedge pleats create an air exit area (B) equal to the air entry area (A). This minimises losses and reduces pressure drop.



Efficiency: G4
 Average atmospheric dust spot efficiency 30~35%.
 Average arrestance 90~94% per ASHRAE Standard 52.1-1992 test method.
 Maximum recommended final resistance = 225 Pa.

Performance

Airefil DP Disposable Pleated filters are designed for general use in air conditioning and industrial applications. They are compact and economical and offer G4 efficiency together with high dust-holding capacity.

When used as a prefilter they considerably lengthen the service life of other secondary filters in the system.

They are available in a range of sizes to fit most applications with minimal system modification. **Airefil** Holding Frames and clips are available for secure installation and simple and fast change-out.

Mounting

Options include:
Airefil Filter Frames for front access.
PAPWORTH ENGINEERING Side Access Filter Housings.



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Related Products:

- Airefil** GT2 Filter Coalescer Panels
- Airefil** VPP Industrial Prefilters
- Airefil** Holding Frames
- Airefil** Washable Panel Filters

Data Sheets:

- E54126
- E54139
- E54134
- E54131