



3.2 Coarse Efficiency Concertina Air Filter



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Classification

Coarse Efficiency Air Filter

Product Description

Coarse Efficiency Concertina Air Filter

※Product Features

1. Surface is treated with rust-proof zinc-coated welded wire mesh, and it has a fixed linear pleated structure, which is not easy to deform during use.
2. Sealing connection at the junction of the filter element and the outer frame prevents air leakage at the connection between them.
3. High-quality chemical fiber filter element adopted, could be reused after wash.
4. Pleated structure of filter element fully increases filtration area, improves dust capacity, and extends service life.

※Application Field

Commonly used as pre-filter in ventilation systems.

※Material Composition and Running Condition

Filter element: Non-woven filter cotton

Frame material: aluminum profile/ aluminum sheet/ galvanized sheet/ SS/

Cardboard frame

Sealant: White latex/ All-purpose adhesive



Filtration efficiency: 40%~90%@2.0μm

Optional thicknesses for aluminum profiles (mm): 17,21,25,46,50,69,80,90,96

Maximum operating temperature: 80℃

Maximum humidity applicable: Cardboard frame:90%/ Others:100%

※Size&Data

Size (W*H*D) (mm)	Rated air flow (m³/h)	Initial resistance (≤pa)	Final resistance (pa)	Filtration area (m²)	Dust capacity (g)	Efficiency
595*595*46	2800	30	100~200	1.04	135	G2
595*595*46	2800	40	100~200	1.04	166	G3
595*595*46	2800	45	150~250	1.04	207	G4
595*495*46	2330	30	100~200	0.86	112	G2
595*495*46	2330	40	100~200	0.86	138	G3
595*495*46	2330	45	150~250	0.86	173	G4
595*295*46	1400	30	100~200	0.52	67	G2
595*295*46	1400	40	100~200	0.52	83	G3
595*295*46	1400	45	150~250	0.52	104	G4
495*595*46	2330	30	100~200	0.86	112	G2
495*595*46	2330	40	100~200	0.86	138	G3
495*595*46	2330	45	150~250	0.86	173	G4
495*495*46	1940	30	100~200	0.72	94	G2
495*495*46	1940	40	100~200	0.72	115	G3
495*495*46	1940	45	150~250	0.72	144	G4





295*595* 46	1400	30	100~200	0.52	67	G2
295*595* 46	1400	40	100~200	0.52	83	G3
295*595* 46	1400	45	150~250	0.52	104	G4
295*495* 46	1160	30	100~200	0.43	56	G2
295*495* 46	1160	40	100~200	0.43	69	G3
295*495* 46	1160	45	150~250	0.43	86	G4
295*295* 46	700	30	100~200	0.26	34	G2
295*295* 46	700	40	100~200	0.26	41	G3
295*295* 46	700	45	150~250	0.26	52	G4

Besides the size above, custom size acceptable.

Related Products

