



3.9 Coarse Efficiency Bag Air Filter



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Classification

Coarse Efficiency Air Filter

Product Description

Coarse Efficiency Bag Air Filter

※Product Features

1. Filter element made of new-type composite non-woven fabric and imported synthetic fiber, able to withstand 100% relative humidity.
2. Bag-type design, combined with various metal outer frames, mainly used to capture large-particle dust particles.
3. Passed the VTT test by a third-party authoritative institution, able to be cleaned a limited number of times with compressed air or an aqueous solution containing cleaning agent.
4. With advantages like large filtration area, high dust-holding capacity, large airflow, and low resistance.

※Application Field

Central air-conditioning systems, centralized ventilation systems, and pre-filtration of large-scale air compressors.

※Material Composition and Running Condition



Filter element:chemical fiber non-woven fabric

Filter bag type: ultrasonic bag, bag sewn by sewing machine

Frame:aluminum profile/ zinc-coated steel sheet/ Plastic

Filtration efficiency: 85%~95%@2.0μm

Optional thicknesses for aluminum profiles (mm): 10, 17, 21, 25, 46

Optional thickness for plastic frame(mm):21

Maximum operating temperature: 80℃

Maximum humidity applicable: 100%

※Size&Data

Size (W*H*D) (mm)	No.of bags	Rated ai rflow (m³/h)	Initial resi stance (≤pa)	Final resi stance (pa)	Filtration area (m²)	Dust cap acity (g)	Efficie ncy
287*490 *500	3	1600	40	100~200	1.80	280	G3
287*490 *500	3	1600	45	150~250	1.80	320	G4
287*592 *500	3	1850	40	100~200	2.10	330	G3
287*592 *500	3	1850	45	150~250	2.10	370	G4
490*592 *500	3	2050	40	100~200	2.30	370	G3
490*592 *500	3	2050	45	150~250	2.30	420	G4
592*592 *500	3	2150	40	100~200	2.40	380	G3
592*592 *500	3	2150	45	150~250	2.40	430	G4
490*592 *500	5	3100	40	100~200	3.50	560	G3
490*592 *500	5	3100	45	150~250	3.50	630	G4
592*592 *500	5	3200	40	100~200	3.60	570	G3
592*592 *500	5	3200	45	150~250	3.60	640	G4
490*592 *500	6	3650	40	100~200	4.10	650	G3





490*592 *500	6	3650	45	150~250	4.10	730	G4
592*592 *500	6	3750	40	100~200	4.20	670	G3
592*592 *500	6	3750	45	150~250	4.20	750	G4
490*592 *500	8	4750	40	100~200	5.30	840	G3
490*592 *500	8	4750	45	150~250	5.30	950	G4
592*592 *500	8	4850	40	100~200	5.40	860	G3
592*592 *500	8	4850	45	150~250	5.40	970	G4
592*490 *500	10	5000	40	100~200	5.50	887	G3
592*490 *500	10	5000	45	150~250	5.50	998	G4
592*592 *500	10	5900	40	100~200	6.60	1055	G3
592*592 *500	10	5900	45	150~250	6.60	1180	G4

Besides the size above, custom size acceptable.

Related Products

