

# Medium-efficiency Pocket Filters

## Product Features

Medium-efficiency bag filters are typically used as pre-filters for HEPA filters and terminal filters in air conditioning systems, reducing the load on high-efficiency air filters and extending their service life. Available in grades G4 to F9. Their large frontal area enables high dust-holding capacity and low airflow resistance, making them the optimal medium-efficiency filter structure.

1. Large filtration area with unique open-bag design
  - Low energy consumption, high dust capacity
  - Cost-effective, stable performance, corrosion-resistant
  - Long service life, easy recycling
2. Special non-woven or fiberglass media
  - Frames: Galvanized steel or aluminum alloy
3. Standard sizes (W×H×D mm): 287×592×550, 592×592×550, 592×592×600, Custom sizes available.

### F7 Medium-efficiency bag Air Filter

Efficiency: 80%-85%

#### Applications:

- Industrial sites with high cleanliness requirements
- Comfort-oriented spaces requiring smooth airflow
- Industrial workshops, premium office buildings, hotel HVAC systems

### F8 Medium-efficiency bag Air Filter

Efficiency: 90%-95%

Features: Ultrasonic welding on all filter bag edges → superior airtightness & seam strength (no leakage/rupture); Electrostatic fiber media → exceptional sub-micron particle capture; High dust capacity, permeability, and service life.

### F9 Medium-efficiency bag Air Filter

Efficiency: 95%-99%

Applications: Ultra-clean environments, High-grade cleanrooms, Sterile production zones (biopharmaceuticals), Semiconductor fabrication plants. Optimum filtration for extreme cleanliness requirements.



## Technical Parameter

Filtration Grade	Dimensions (mm) W*H* D	Pockets Quantity	Media area(m <sup>3</sup> )	Initial Resistance (Pa)	Final Resistance (Pa)	Rated Air Flow(m <sup>3</sup> /h)
F7	287*592*550	3	2.80	90	400	1700
	592*592*550	6	3.86	100	400	2800
	592*592*600	8	5.68	100	400	3400
F8	287*592*550	3	2.80	115	450	1700
	592*592*550	6	3.86	120	450	2800
	592*592*600	8	5.68	120	450	3400
F9	287*592*550	3	2.80	125	450	1700
	592*592*550	6	3.86	130	450	2800
	592*592*600	8	5.68	130	450	3400

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