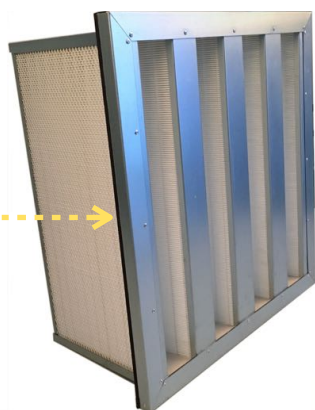


FloMax[®] HJV Filters are made with a series of mini-pleat bead separator media packs assembled in a V-Bank configuration. 24" x 24" x 11-1/2" size filter contain 300 square feet of media.

FloMax filter is designed to operate at 500 FPM with initial resistance of 1.2" W.G. (99.99% Efficiency). This allow the HEPA filter to be installed in line with other filters in the air handling system without the need for costly transitions.

Due to their 4250 m3/h capacity, FloMax filter is ideal for new installations since fewer filters are required to handle the same volume of air compared to HEPA Filters of the same size with a lower capacity. As a result, less installation space is required and installation time is significantly reduced.



21mm Flange →

Advantages:

- High air flow rates, up to 2500 CFM (4250 m3/hr)
- Maintenance-free and easy to install.
- High dust holding capacity
- Efficiency ranges from 95% up to 99.995% @ 0.3 microns
- High filter surface area offers low pressure drop for energy savings and longer life.
- Each filter includes a label noting tested efficiency, pressure drop, rated airflow;
- Constructed with ten individual mini pleat packs secured in a specially -designed sheet aluminum V-bank frame.
- Available in a range of cleaning efficiencies 99.99% and 99.995% @ DOP

Parameters & Material:

- Frame: Zinc Coated Steel
- Galvanized Steel
- Stainless steel
- Media: Wet laid microfibre glass paper
- Separator: Hot-melt beads
- Sealant: Polyurethane
- Gasket: Continuous foamed seal /Neoprene
- Faceguard: No faceguard
- Gasket Location: Upstream / Downstream / Both sides.
- Frame Type: Box or Single Flange
- Max.Constant Temperature: 80°C (170°F)
- Recommended Final Resistance: 600Pa (2.4" W.G)
- Flammability: UL Classified
- Relative Humidity: 100%

Testing

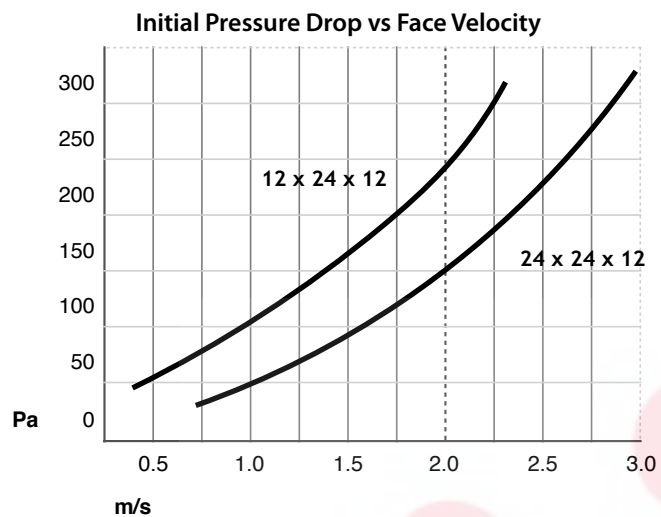
Each HEPA filter is tested in accordance with European standard BS EN 1822-1,4&5 (Testing filter elements HEPA efficiency and scan method).

DIMENSION AND PERFORMANCE DATA

PART NUMBER	ACTUAL FILTER DIMENSIONS (H X W X D)		RATED AIR FLOW		PRESSURE DROP (Max.Initial)		WEIGHT EACH	
	(inch)	(mm)	(cfm)	(m3/h)	("w.g)	(pa)	(lbs)	(kgs)
EFFICIENCY 99.99% @ flow 400 FPM / 2 m/s								
HJV-24906	24 x 24 x 11 1/2	610 x 610 x 292	2500	4250	0.8	200	40	18
HJV-12906	12 x 24 x 11 1/2	610 x 305 x 292	1000	1700	0.8	200	18	8
HJV-24806	23 3/8 x 23 3/8 x 11 1/2	595 x 595 x 292	2000	3400	0.8	200	35	16
HJV-12806	23 3/8 x 11 3/8 x 11 1/2	595 x 295 x 292	900	1500	0.8	200	15.5	7

* Pressure drop : ±15%

PERFORMANCE DIAGRAM



FloTurbo filter is a rigid, extended surface air filter, engineered to provide maximum performance and prolonged filter lifecycle, even in the most difficult environments. The durable, rugged construction of the FloTurbo 4V make it the filter of choice in filtration systems with high velocities or variable air volumes. FloTurbo is constructed with an all plastic frame so it is easily incinerated after use.

Low pressure drop reduces energy costs

FloTurbo FV provides a unique combination of low pressure drop and high efficiency through the use of our unique mini pleat design. This high capacity mini pleat design allows a nominal 24 x 24 x 12 filter to incorporate 194 square feet of filter media. This increased extension of the media surface area insures low pressure drop, which results in lower energy costs to the user.

Application

FloTurbo filters have a wide range of applications for various conditions. They are suitable for HVAC and pre-filter application in :

- Hospital-Electronic Industries
- Computer Rooms-Food Processing Industries
- Foundries-Power Plants-Nuclear Industries-Intake Air Filtration of Gas Turbines and Air Compressors.

Assembly and installation

- Install the filter with openings vertically.
- Ensure that the filter is tight against the attachment.
- Use respiratory protection when handling dirty filters.
- Dispose of the used filter in such a way that the contents are not dispersed.



Advantages:

- Compact construction for large volume flow rates
- Complete plastic components, fully incinerable
- Constructed from recycled materials
- Self-supporting and rigid
- Multi-directional air flow and installation
- High filter surface area offers low pressure drop for energy savings and longer life.
- Each filter includes a label noting tested efficiency, pressure drop, rated airflow;

Parameters & Material:

- Frame: Plastic
- Media: Fine fiberglass paper or Polypropylene fiber
- Separator: Hot melt
- Sealant: Polyurethane
- Filter Classes M6, F7, F8, F9, H10, H11, H13, H14
- Frame Type: Single Flange or Box Type
- Max.Constant Temperature: 80°C (170°F)
- Recommended Final Resistance: 500Pa (2.0"W.G)
- Flammability: UL Classified
- Relative Humidity: 100%

DIMENSION AND PERFORMANCE DATA

24" x 24" x 12" / 595 x 595 x 292mm

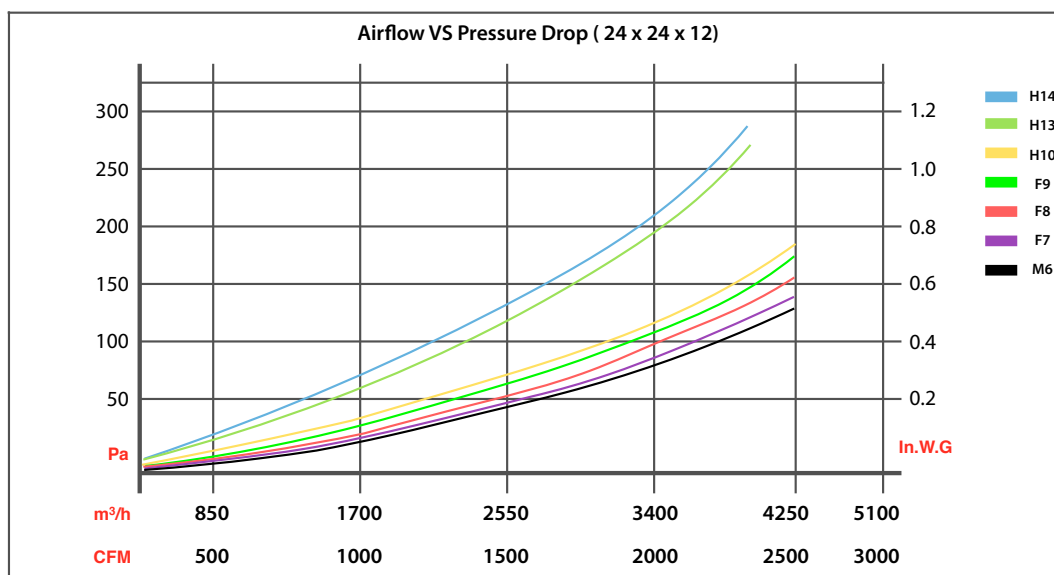
Part Number	FV-65-2424	FV-85-2424	FV-95-2424	FV-98-2424	FV-99-2424	FV-49-2424	FV-59-2424
Rated Air Flow	4250	4250	4250	4250	3400	3400	3400
Initial Pressure Drop (Pa) at 2.5m/s	100	110	130	160	170	200	220
Filter Class as per EN 779	M6	F7	F8	F9	H10	H13	H14
Average Efficiency	60-65%	80-85%	90-95%	98%	99%	99.99%	99.995%
Weight Each (KGS)	8	8	8	8	8	8	8
Filtration Media Area(sq.ft.)	194	194	194	194	194	194	194

12" x 24" x 12" / 295 x 595 x 292mm

Part Number	FV-65-1224	FV-85-1224	FV-95-1224	FV-98-1224	FV-99-1224	FV-49-1224	FV-59-1224
Rated Air Flow	2000	2000	2000	2000	1700	1700	1700
Initial Pressure Drop (Pa) at 2.5m/s	100	110	130	160	170	200	220
Filter Class as per EN 779	M6	F7	F8	F9	H10	H13	H14
Average Efficiency	60-65%	80-85%	90-95%	98%	99%	99.99%	99.995%
Weight Each (KGS)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Filtration Media Area(sq.ft.)	96	96	96	96	96	96	96

- Filters are also available in nominal size 20x24x12
- Width and height are interchangeable, pleats can be either vertical or horizontal without affecting performance.
- Pressure drop: $\pm 15\%$.

PERFORMANCE DIAGRAM



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ZHUOWEI has a policy of continuous product research and development and reserves the right to change design and specification without notice.