



Better Air is Our Business®

AmericanAirFilter®

AmWash

Pleated Washable Filter

- ***Washable***
- ***High dust holding capacity and long service life***
- ***Reduce the risk of fire***
- ***Low initial resistance***
- ***Choice of media in the classification range G3 to F5 (EN779)***
- ***Lightweight and easy to install***

AmWash is specially designed for application in industrial and commercial heating, ventilation and air conditioning systems. For example like:

- 1) Offices, convention centers, meeting rooms, hospitals, shopping malls, sport centers, airports and other buildings with HVAC systems.
- 2) Normal industrial area with central air ventilation system.
- 3) Prefilter for central ventilation system for CleanRoom.

Advantages

AmWash is a lightweight panel filter with several special features like reusable aluminum steel frame, made of synthetic fiber and characterized by a relatively low resistance to airflow, reduce risk of fire, washable and easy to install. Filter media with the thickness of 10mm and 20mm ensure high dust holding capacity.

Choice of Media

AmWash is available with 3 classifications: G3, F4 and F5 in accordance with EN779.

High dust holding capacity

Owing to the excellent dust holding capacity, AmWash can be used as prefilter to higher efficiency filters or as main filters. As prefilter, AmWash protect more expensive main filters from premature replacement while as main filter it improves the quality of indoor air.

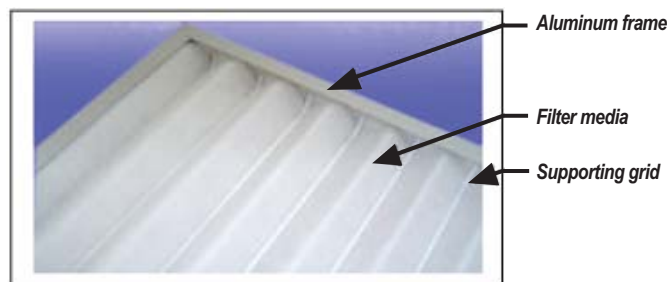


Easy to install

AmWash has a sturdy, long lasting galvanized steel frame which offers great resistance in harsh operating conditions. Due to its light weight and compact size (only 46mm depth), it is relatively inexpensive to ship and easy to handle and install. If required, AmWash can be supplied with a stainless steel or aluminum frame and can be manufactured to any size.

Cleanable

AmWash can be blow cleaned with compressed air, but only once or twice during its natural lifetime. AmWash can also be cleaned with a solution of water and detergent on a limited basis.



Technical Specification

Maximum Operating Temperature	:	93°C (200°F)
Media	:	Synthetic fiber
Support grid	:	Wire grid
Frame	:	Aluminum Frame
Corner bracket	:	Rigid steel bracket

Product Information

Class	Nominal Size WxHxD (mm)	Actual Size WxHxD (mm)	Rated Airflow Capacity (m³/h)	Initial Resistance (Pa) via Rated Airflow		
				70%	100%	120%
G3	610 x 610 x 51	595 x 595 x 46	3400	35	65	90
G3	305 x 610 x 51	290 x 595 x 46	1700	35	65	90
G3	610 x 610 x 102	595 x 595 x 96	3400	30	55	75
G3	305 x 610 x 102	290 x 595 x 96	1700	30	55	75
G4	610 x 610 x 51	595 x 595 x 46	3400	50	85	110
G4	305 x 610 x 51	290 x 595 x 46	1700	50	85	110
G4	610 x 610 x 102	595 x 595 x 96	3400	45	80	105
G4	305 x 610 x 102	290 x 595 x 96	1700	45	80	105

Airflow Resistance

