

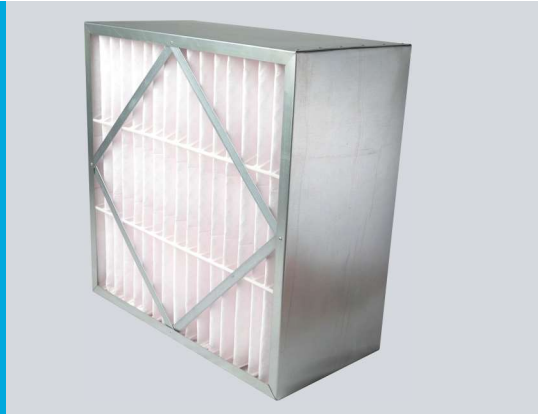
Aero Flow - Deep Pleated Rigid Box Filters

AERO FLOW, medium to high efficiency extended surface deep pleated rigid box filters are manufactured from a new generation range of inherently anti-microbial, high lofted synthetic fibre filter media and is capable of removing contaminants such as bacteria, fungi, fumes, smoke etc. from the air stream, it is an ideal fine filter for HVAC systems installed in Hospitals, Laboratories, Food processing and Pharmaceutical units, Computer rooms, Optical and Electronic facilities, Airport Terminals, public buildings etc.

Aerofil Models

Aero Flow

Deep pleated box type synthetic media filters
 Available in single, double or no header frames
 M5 to F9 efficiencies



MEDIA FEATURES AND TECHNICAL DETAILS

AERO FLOW Filters are made up of superior grade synthetic media the filter media is laminated with an expanded metal mesh having 98% open area which provides adequate strength to the pleated media pack, supports the media and gives rigidity to the pleats. The three stage media arrangement which consist of coarse fibres upstream, micro -fine fibres downstream and scrim backing to prevent fibre migration, offers high dust holding capacity and filtration efficiency. AERO FLOW is designed for use in systems with variable air volumes and offers excellent filtration performance combined with high dust holding capacity and suitable for applications where highest degree of air cleanliness is required.

The aerodynamic filter design by radial V pleats with die-cut pleat stabilizers results in a rigid and stable filter offering consistent performance under various operating conditions. The deep pleated media pack is encased in a metal frame and all the four edges of media are properly bonded to the frame to ensure a leak free operation. AERO FLOW is available in all standard sizes, box style construction or with single / double header frames.

SELECTION CHART

* Non-standard sizes are available on request

Part No.	Efficiency	Arrestance %	Filter Size (mm)	Airflow L/S		Initial Resistance (Pa)	
				@1.27 m/s	@2.54 m/s	@1.27 m/s	@2.54 m/s
6-0200	F6 / Merv 11	65	595 x 595 x 150	277	555	23	41
6-0202	F6 / Merv 11	65	595 x 295 x 150	138	277	23	41
6-0204	F7 / Merv 13	85	595 x 595 x 150	277	555	30	64
6-0206	F7 / Merv 13	85	595 x 295 x 150	138	277	30	64
6-0208	F8 / Merv 14	95	595 x 595 x 150	277	555	61	122
6-0210	F8 / Merv 14	95	595 x 295 x 150	138	277	61	122
6-0212	F6 / Merv 11	65	595 x 595 x 292	472	944	28	66
6-0214	F6 / Merv 11	65	595 x 295 x 292	236	472	28	66
6-0216	F7 / Merv 13	85	595 x 595 x 292	472	944	38	99
6-0218	F7 / Merv 13	85	595 x 295 x 292	236	472	38	99
6-0220	F8 / Merv 14	95	595 x 595 x 292	472	944	71	147
6-0222	F8 / Merv 14	95	595 x 295 x 292	236	472	71	147