



POCKET FILTER

Introduction

Pocket filters are high-efficiency fine air filters designed for the effective removal of PM10 and PM2.5 particles from HVAC systems. Manufactured with synthetic filter media and rigid frames, they provide high dust-holding capacity, stable airflow, and reliable filtration performance in demanding operating conditions.

Uses

Pocket filters are used as secondary or final filtration in commercial, industrial, and healthcare HVAC systems. Typical applications include office buildings, shopping centres, hospitals, airports, and data centres, where high indoor air quality, consistent airflow, and protection of downstream equipment are required.

Overview

Efficiency	F9
Specifications	Galvanized steel and aluminum supports. The media is made of moisture resistant synthetic media.
Features	Environmental friendly, fire resistant UL 900, class 2 filter media.
Applications	Synthetic bag filters are widely used in ventilating and air conditioning systems and are often used in cleanroom MAU and AHU systems.

Model	Size in mm (WxHxD)	Efficiency EN779:2012	Initial Resistance / Pa	Rated Airflow / m ³ /h	Suggested Final Resistance	Filter Material	Weight	Carton Size	Pcs Per Carton
DAI/SE595X595X330/6-F9	595x595x330	F9	225Pa±10%	3400m ³ /h	400-450Pa	Galvanized	1.7kg	620x315x645	9
DAI/SE595X595X600/6-F9	595x595x600	F9	105Pa±10%	3400m ³ /h	400-450Pa	steel frame +	2.1kg	620x315x645	6
DAI/SE295X595X330/4-F9	295x595x330	F9	185Pa±10%	1700m ³ /h	400-450Pa	Synthetic	1.15kg	620x315x645	16
						Media Material			





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DAI/SE595x595x300/06 -F9-Y

Resistance Test

Airflow m ³ /h	Resis Pa	Airflow m ³ /h	Resis Pa
1500	95	3400	222
2000	125	4000	266
2500	160	4500	305
3000	195	5000	345

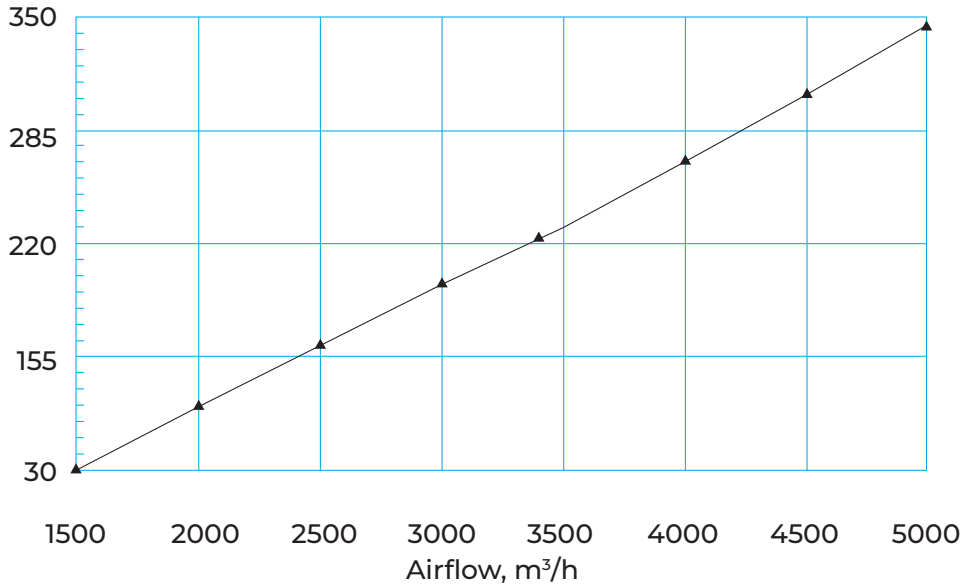
DAI/SE595x595x600/06-F9-Y

Resistance Test

Airflow m ³ /h	Resis Pa	Airflow m ³ /h	Resis Pa
1500	45	3400	106
2000	60	4000	130
2500	75	4500	150
3000	92	5000	170

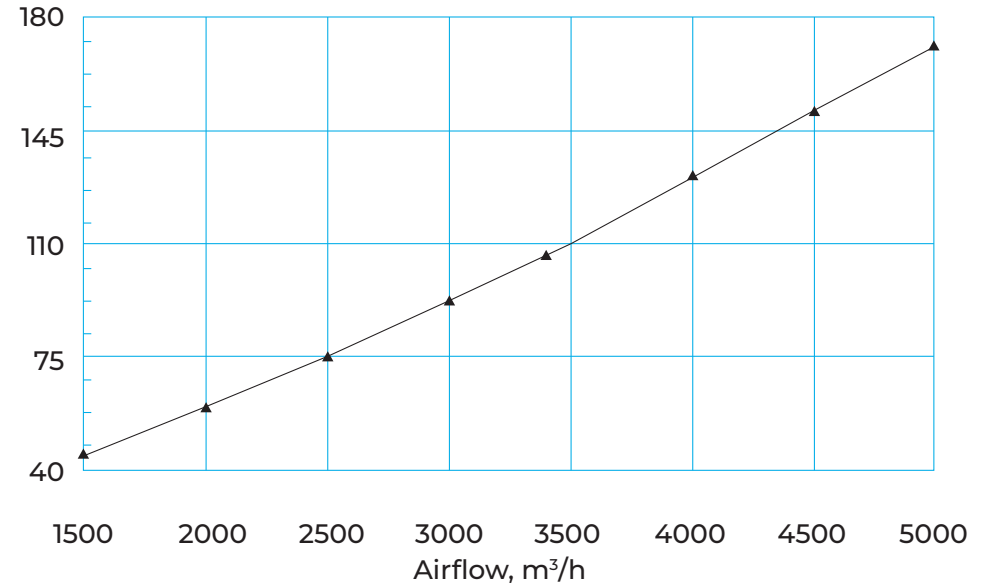
Resistance, Pa

Resistance Test Curve



Resistance, Pa

Resistance Test Curve





DAI/SE - POCKET FILTER

AI/SE295x595x300/04-F9-Y

Resistance Test

Airflow m ³ /h	Resis Pa	Airflow m ³ /h	Resis Pa
1500	145	2500	285
1700	185	3000	355
2000	225	3400	415

Resistance, Pa

Resistance Test Curve

