

F7 Pleated Panel

**ISO 16890 Filter Class
F7 Efficiency EN779: 2012**

INTRODUCTION

The Airguard F7 Pleated panel filter is tested and compliant with ISO 16890, EN779:2012. The filter provides a high dust loading capacity and longer service life.

Manufactured from a fully synthetic polyester material, laminated to a wire support grid on the clean airside and enclosed in a rigid waxed board outer frame to offer maximum strength and support.

It offers a consistent performance as a pre-filter and provides a medium level of filtration efficiency in air conditioning systems for a wide range of applications.



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APPLICATIONS

Can be used as a stand-alone filter for General Heating, Ventilation and Air Conditioning systems and also as a very effective pre-filter on multi-stage filter applications.

- Office Blocks
- Hotels
- Hospital
- Retail Stores
- Food Industry

PRODUCT OPTIONS AVAILABLE

- Wide range of standard sizes off the shelf
- Non-standard sizes are available and made to order
- Waxed card frame as standard
- Available in metal frames or holding frame

Filtration Class

Filter Class acc. to ISO 16890 EN 779:2012	Particle Efficiency	Energy Consumption	Energy Class
ePM2.5 70% F7	ePM1 55% ePM2.5 70% ePM10 85%	>2,000 kWh/year	E

Operating Conditions

Medium	Pleated Synthetic Progressive microfiber (Pink)
Max. Humidity Resistance	100%
Max. Temperature	70 C
Recommended Final Pressure Drop	300Pa
Potential Nominal Air Flow	1.25 x nominal airflow
Fire Protection	DIN 534388-3 (F1)

Available Dimensions

Dimensions (mm) (H,W,D)	Filter Area (m ²)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
594 x 594 x 48	1.6	1,200	140
594 x 287 x 48	0.8	600	140