Datasheet
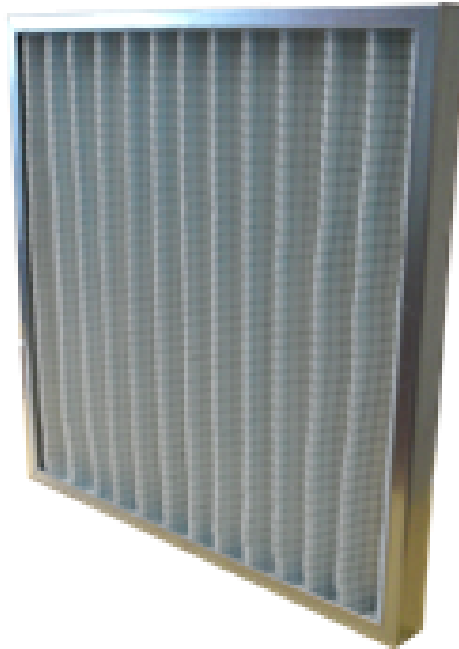
RS PRO Panel filter

Stock No: **1947671**

General Description

The Panel filter is a disposable product specifically designed for applications where there is a high sensitivity to flamability and smoke ratings. Typical applications include transport, trains, train stations, public buildings, hospitals.

Construction

This product is constructed by fitting a pleat pack of specially manufacturer JF-T2-20 media into a galvanised frame.

Frame Features

Each channel has a rolled safety edge to ensure safe handling, other sizes are made using folded steel sections.

Operating Temperature

Continuous 90°Centigrade

Part No.	Nominal Size Inches	Height (mm)	Width (mm)	Depth (mm)	Rated Airflow m³/hr
1947671	24x12x2	592	287	45	1640

Performance

Filter Class ISO16890	ISO Coarse 85%
Initial Gravimetric Arrestance	85%
Filter Class EN779:2012	G4
Filter Depth	45mm
Rated Airflow	2.76m/second
Initial Pressure Drop	90Pa
Final Pressure Drop*	200Pa

*This is a recommended value only

Flame and Smoke Ratings

BS EN ISO 11925-2:2010	Ignitiability of Building Products	COMPLIANT
EN45545-2:2013 + A+1:2015 R5	Smoke and Toxocoty Assesment	COMPLIANT
ISO 5660-1:2015	Smoke Production Rate, Heat Release Rate.	COMPLIANT
DIN53 438		K1/F1
NF P92-507		M1
NF F16-101		F1

Pressure drop (Pa) Vs Velocity (m/sec)
PLM4 Panel 45mm Deep