

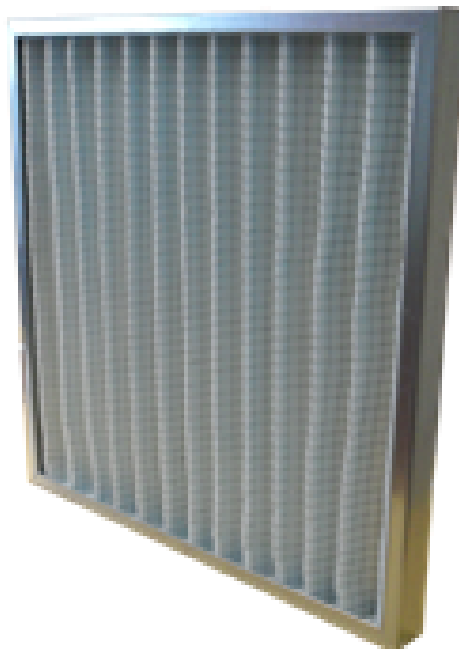


Datasheet

ENGLISH

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 flammability 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 m ³ /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 | Ignitability of Building Products | COMPLIANT |
| EN45545-2:2013 + A+1:2015 R5 | Smoke and Toxicity 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 |

