

FEATURES

- Intrepid media
- G4 Grade
- Maximum airflow
- Varying thickness available in range

RS PRO Pleated Panel Filter, Intrepid Media, G4 Grade, 495 x 622 x 45mm 8

RS Stock No.: 730-2845



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Brought to you by RS PRO these standard pleated panel filters are high capacity disposable filters, offering a basic level of filtration, or pre-filtration in HEVAC applications. This product is made using patented Kimberly Clark Intrepid® filter media which delivers a constant level of filtering over its life with energy savings of up to 40%. Constructed by bonding a pleat pack of filter media into a water repellent AquaKote® card frame, Aquakote® card has superior tear resistance when wet and great tear resistance when dry and is manufactured from a renewable source. Patented Kimberly Clark filter media has a graduated density for even dirt loading which provides greater dust holding and therefore longer filter life. This filter media is hydrophobic, has a constant efficiency due to its extra natural electrostatic charge, superior efficiency versus particle size, low pressure drop, and is made from continuous fibres so will not shed

General Specifications

| | |
|---------------------------|--|
| Filter Type | Pleated Panel |
| Maximum Air Flow | 2217m ³ /h |
| Media Area | 1.9; 3.2 |
| Filter MERV Rating | 8 |
| Number of Pockets | 6; 4 |
| Filter Grade | G4 |
| Standard Capacity | 15 pleats per linear foot |
| Case Material | AquaKote |
| Media Material | Intrepid |
| Colour | White |
| Applications | General prefilter for HVAC and kitchen hoods |

| Properties | |
|------------------------------|---|
| Composition | 100 % polyester fibres |
| Bonding | Thermally bonded by means of bicomponent fibres and calibrated to a certain thickness |
| Flammability | K1 / F1 |
| Media velocity | 1.5m/s |
| Initial Arrestance | 77.70% |
| Average Arrestance | 87.50% |
| Dust Holding Capacity | 400g/m ² |
| Thermal stability | 100°C (briefly up to 120°C) |
| Efficiency | 85% @ 0.4µm |

Mechanical Specifications

| | |
|------------------------------|------------|
| Nominal Dimensions | 20x25x2in |
| Nominal Height | 20in |
| Nominal Width | 25in |
| Nominal Depth | 2in |
| Header Size | 22mm; 35mm |
| Initial Pressure Drop | 47Pa |
| Final Pressure Drop | 250Pa |

Actual Dimensions

| | |
|----------------------|--------------|
| Dimensions | 495x622x45mm |
| Actual Height | 495mm |
| Actual Width | 622mm |
| Actual Depth | 45mm |

Operation Environment Specifications

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|------------------------------------|------|
| Maximum Working Temperature | 80°C |
| Relative Humidity | 100% |

Approvals

| | |
|----------------------------------|----------------------|
| Compliance/Certifications | Eurovent Approved |
| Standards Met | ASHRAE 52.2 / EN 779 |

