

CA/RB Rigid Bag Filter F5-F9 To EN779



The RP Rigid Bag Filter has been manufactured with gas turbine and HVAC applications in mind. Specific features of the product include:

- **Anti-microbial filter media**
- **New patented unique process**
- **Synthetic - 100% polypropylene**
- **Environmentally friendly**
- **F5 - F9 efficiencies**
- **Class F1 fire resistant media**
- **Very low initial resistance**

Construction

RP Filter is a cartridge type rigid bag filter, the full sized unit containing 14 square metres of media in the form of eight individual slabs of 22mm deep pleated polypropylene filter media. The addition of extruded polypropylene separators to the pleated media gives a unique V configuration which ensures low initial resistance combined with a long service life. The graded fibre density of coarse fibres upstream and fine fibres downstream create optimum particle capture characteristics. The filter is contained within a 100% polypropylene frame. The final pleated filter is extremely durable with high compressive strength in the airflow direction. The product has been tested to a burst strength of 6250 Pa. This robust construction also ensures that there is no damage to the pleats during transportation or installation.

Applications

This product is suitable for all types of applications where a constant high efficiency allied with a low resistance is required.

Range

Rating En779	Part No CA/RB5	Part No CA/RB6	Part No CA/RB7	Part No CA/RB8	Part No CA/RB9	Sizes mm (all Grades)	Header Sizes
	F5	F6	F7	F8	F9	592x592x292 592x490x292 592x287x292	20 and 25 mm
Max Rated Capacity – 592x592x292 cell (m3/hr)	5050	5050	5050	5050	5050		
Resistance at Max Rater Capacity (pa)	124	144	167	197	226		

Maximum Temperature: 80°C, Maximum Humidity: 100%RH, Initial Resistance: 450pa

Please note: In the search for improvement we reserve the right to change materials and specifications without prior notice.

