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**DAVIS INDUSTRIAL FILTERS LTD**

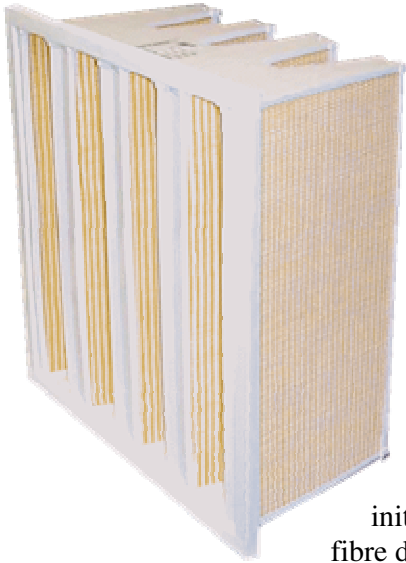
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**Air Filters & Fan Belts since 1963**

## ➔ Rigid Bag Filter

### F6 -F9 Disposable Multi-panel Mini-pleated filter

The DIF-RV 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
- F6 - F9 efficiencies
- Class F1 fire resistant media
- Very low initial resistance

#### Construction

DIF-RV 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	RV5	RV6	RV7	RV8	RV9	Sizes mm (All Grades)	Header Options
	F5	F6	F7	F8	F9		
Max Rated Capacity - 592x592x292 Cell - (m3/hr)	5050	5050	5050	5050	5050	592x592x292 592x490x292 592x287x292	20 & 25mm
Resistance at Max Rated Capacity (pa)	124	144	167	197	226		

Maximum Temperature: 80°C

Maximum Humidity: 100%RH

Final Resistance: 450pa