

altair® LHF Pocket Filter



Key Benefits

- Low pressure loss, even in wet and humid conditions, helps enhance turbine output
- Quick filter change-out reduces manpower requirement
- Durable – long filter life supports substantially reduced filtration costs
- High dust-holding capacity provides extended filter service life
- Positive sealing arrangement eliminates unfiltered air bypass in the system

High Performance Filtration

The Parker Hannifin **altair** filter business offers extremely high levels of turbine protection in a wide range of environments with its selection of inlet filters. Our 50 years of expertise in gas turbine inlet filtration design has influenced the development of this pocket filter. Its high dust-holding capacity helps prolong filter life and significantly lowers operating costs.

The **altair** LHF pocket filter is used as either a prefilter or an intermediate filter and offers extremely low pressure loss to help enhance turbine power output. Its excellent dust-holding capacity supports longer intervals between filter change-outs and helps reduce filtration costs.

Construction

The use of advanced synthetic media and a special manufacturing process creates rigid pockets to provide filtration and pressure loss characteristics that remain enhanced when operating in wet or dry conditions. Durable plastic molded filter frames offer protection from corrosion or degradation during normal operation. A gasket is fitted to ensure a good seal against the inlet house holding frame, and eliminate bypass of unfiltered air.

Performance Data

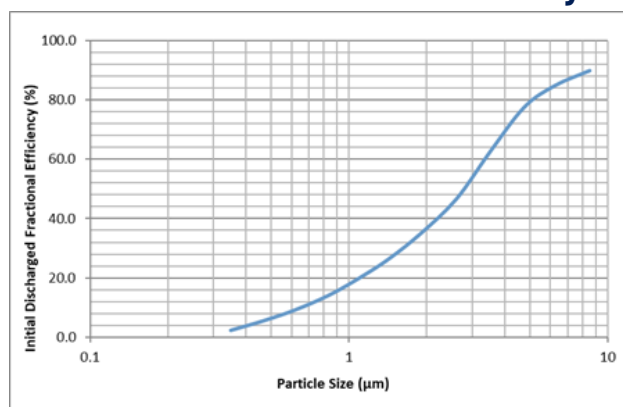
EN779:2002 Rating	M6
Rated Airflow	2500 CFM (4250 m3/hr)
Dust-holding capacity	870g/1.92lb to 450Pa
Operating Temperature Range	-40°C to +70°C

Filter Facts

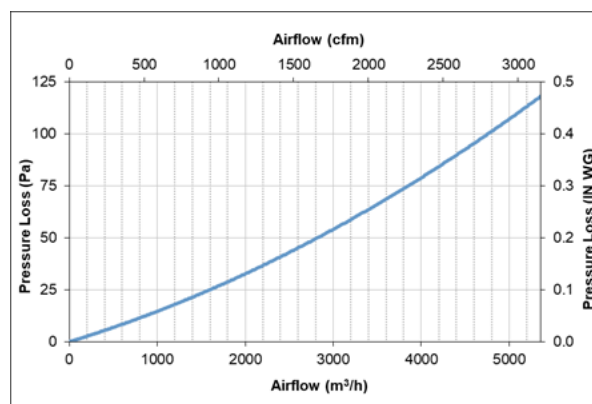
Construction	Injection moulded polyurethane frame
Gasket	Closed cell gasket design and positive sealing arrangement eliminates unfiltered air bypass
Dimensions	595 mm H x 595 mm W x 620 mm D 23.4" H x 23.4" W x 25" D
Clean Weight	3kg
Media	Fully synthetic media

altair[®] LHF Pocket Filter

Initial Fractional Efficiency



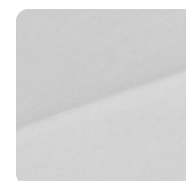
Pressure Drop



Key Features



Injection moulded polyurethane header with media integrated within frame



Thermally welded seams

Rigid pocket design ensures aerodynamics (pressure drop) remains optimised during all ambient operating conditions