

altair® LSF vCell



Key Benefits

- Low pressure loss helps increase power output and/or improve fuel efficiency
- High dust-holding capacity helps extend filter life and reduce costs
- Easy to install and change out to minimize downtime
- Easily disposable by incineration

High Performance Filtration from the Gas Turbine Specialists

The Parker Hannifin filter business offers extremely high levels of turbine protection in a wide range of environments with its selection of inlet filters. Our 40 years of expertise in gas turbine intake filter design has influenced the development of this filter specifically designed for onshore oil and gas applications. Developed to provide good protection of key gas turbine assets, its high dust-holding capacity helps prolong filter life and significantly lowers operating costs. The filter is designed for low pressure loss to enable increased power output. Available in industry-standard sizes, it is equally suitable for both GE and non-GE-supplied inlet filter systems.

Construction

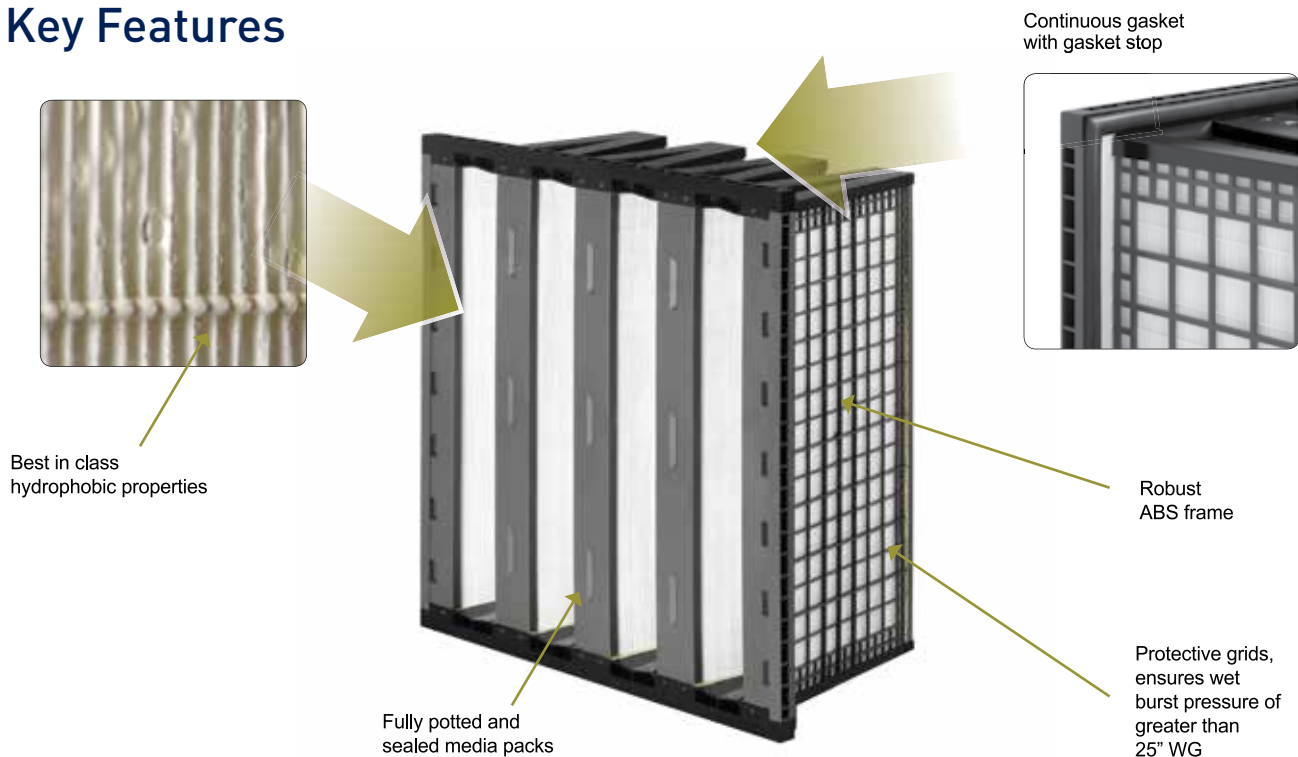
The **altair** LSF vCell is made using fully potted pleated panels to provide a complete seal and is mounted within an ABS plastic frame. Protective grids incorporated on the downstream surface deliver robust performance, even in high under-pressure conditions that can be experienced in gas turbine applications. A specially designed gasket seals the rear contact surface of the filter frame against the holding frame of the filter house. This helps eliminate the possibility of air bypassing the filters when in service. The **altair** LSF vCell has a filtration efficiency grade of M6 per EN779:2012, and an extended filtration surface area that ensures low pressure loss and high dust-holding capacity.

Performance Data

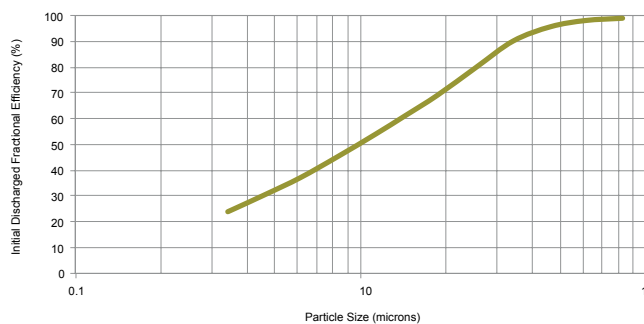
ASHRAE 52.2 rating (2500 cfm)	MERV11
EN779 rating (4250 m³/hr)	M6
Rated air flow	4250 m³/hr 2500 CFM
ASHRAE Dust-holding capacity (450 Pa) @ 3400 m³/hr	547 g/1.21 lb
ASHRAE dust-holding capacity (450 Pa) @ 4250 m³/hr	452 g/1.0 lb
Clean weight	10.5 kg/23.1 lb
Operating temperature range	-40°C to +70°C -40°F to +158°F
Dimensions	595 mm H x 595 mm W x 293 mm D 23.4" H x 23.4" W x 11.6" D

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Key Features



Initial Fractional Efficiency



Pressure Drop

