

altair® LHV vCell



Key Benefits

- Best-in-class turbine protection against corrosives
- Predictable and reliable performance significantly reduces compressor contamination and the need for unplanned maintenance
- Low pressure loss helps increase power output and/or improve fuel efficiency
- High dust-holding capacity helps extend filter life and reduce costs
- Easily disposable by incineration
- Easy to install and change out to reduce downtime

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 water-resistant filter specifically designed for onshore oil and gas applications. Developed to provide extended availability 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 enhanced power output and availability. Available in industry-standard size, it is equally suitable for both GE and non-GE-supplied inlet filter systems.

Best-in-Class Protection Against Corrosives

Non-hydrophobic filters, in wet conditions, are subject to filter unloading caused by water leaching through and washing filter contaminants downstream. The **altair** LHV vCell provides best-in-class turbine protection against corrosives and enhanced protection against moisture with its unique combination of hydrophobic properties and high efficiency protection.

Performance Data

ASHRAE 52.2 rating	(2500 cfm)
MERV	16
EN1822 rating (4250 m3/hr)	E10
Rated air flow	4250 m <sup>3</sup> /hr (2500 CFM)
ASHRAE dust-holding capacity (450 Pa) @ 3400 m <sup>3</sup> /hr	919 g/2 lb
ASHRAE dust-holding capacity (450 Pa) @ 4250 m <sup>3</sup> /hr	459 g/1 lb
Clean weight	13 kg/29 lb
Operating temperature range	-32°C to 70°C (-25°F to 158°F)
Dimensions	593 mm H x 593 mm W x 435 mm D (23.3" H x 23.3" W x 17.1" D)

For more information, contact your **Parker Hannifin Gas Turbine Filtration** representative:

11501 Outlook Street, Suite 100 | Overland Park, KS 66211  
T: +1.800.821.2222 | T: +1.816.356.8400 | F: +1.816.353.1873

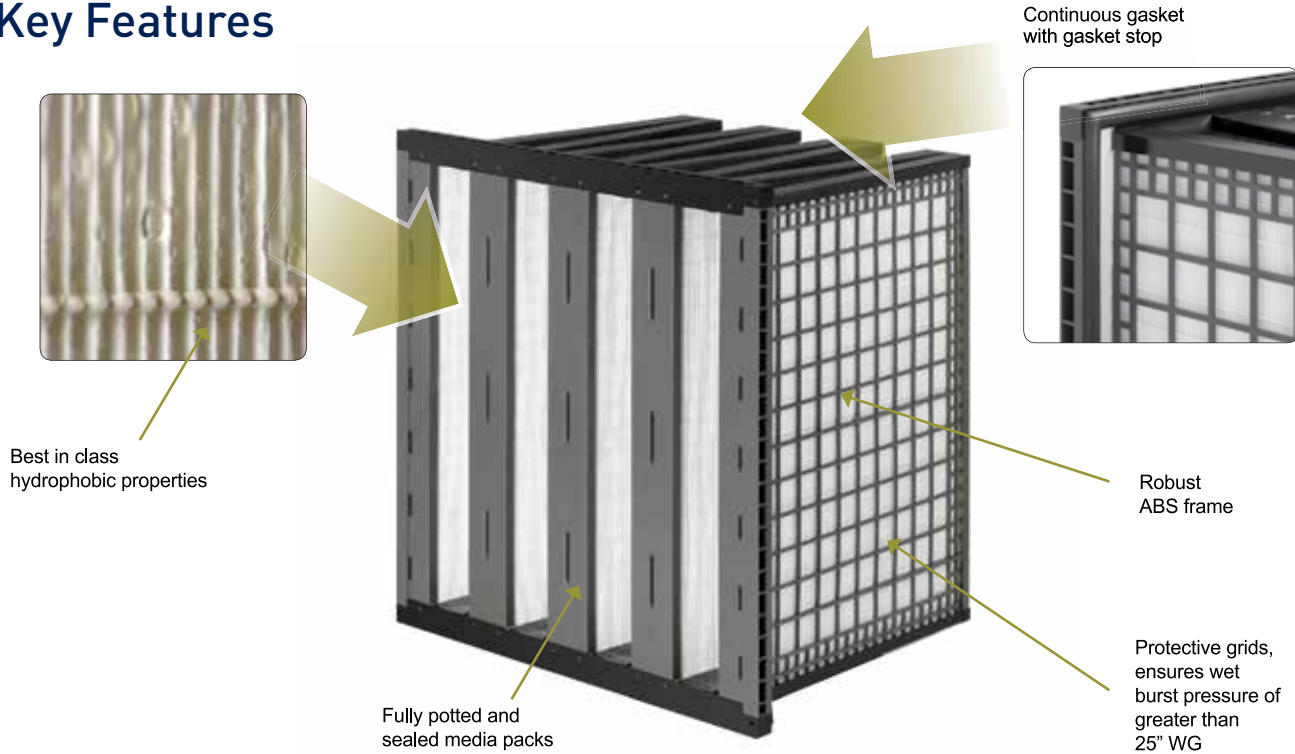
3 Omega Park | Alton, GU34 2QE | United Kingdom  
T: +44 (0) 1420 541188 | F: 44 (0) 1420 541298  
Email: altairclearcurrent@parker.com

[www.parker.com/gtf](http://www.parker.com/gtf)

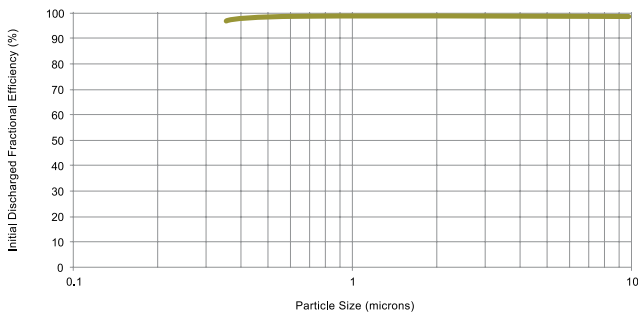


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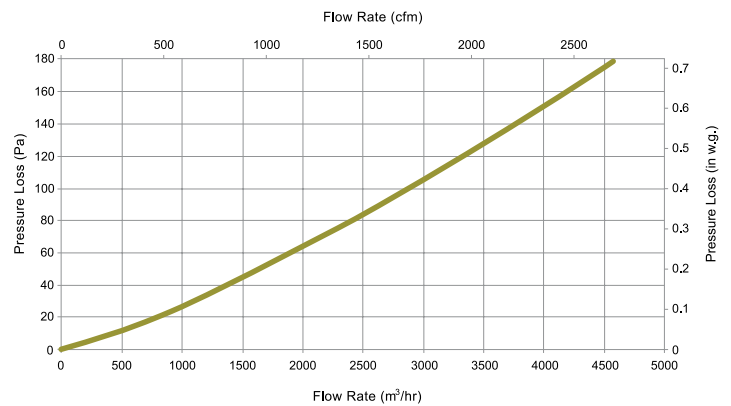
### Key Features



### Initial Fractional Efficiency



### Pressure Drop



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