

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 CLARCOR Industrial Air 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)                                   | MERV16  |
| EN1822 rating (4250 m <sup>3</sup> /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<br>(23.3" H x 23.3" W x 17.1" D) |

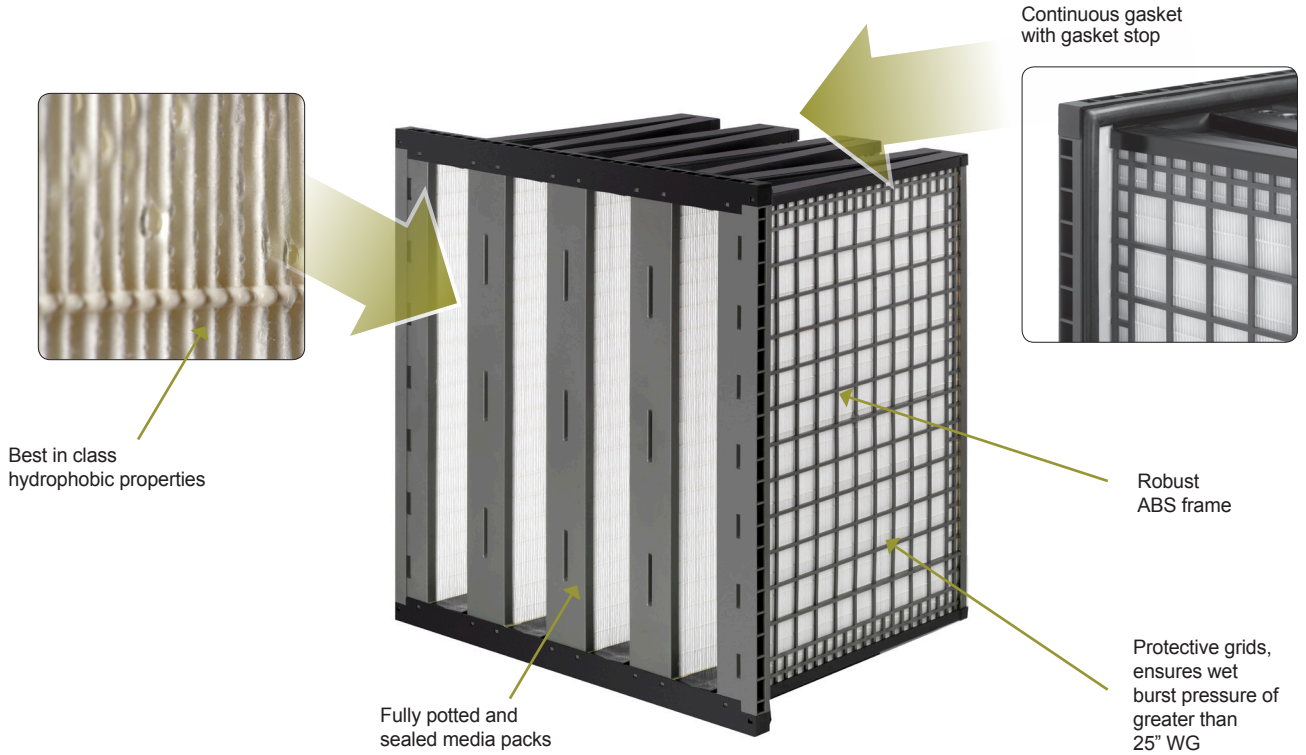
For more information, contact your altair representative at [CLARCOR Industrial Air](#):

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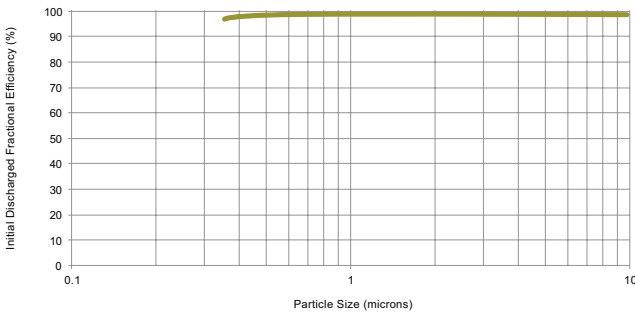
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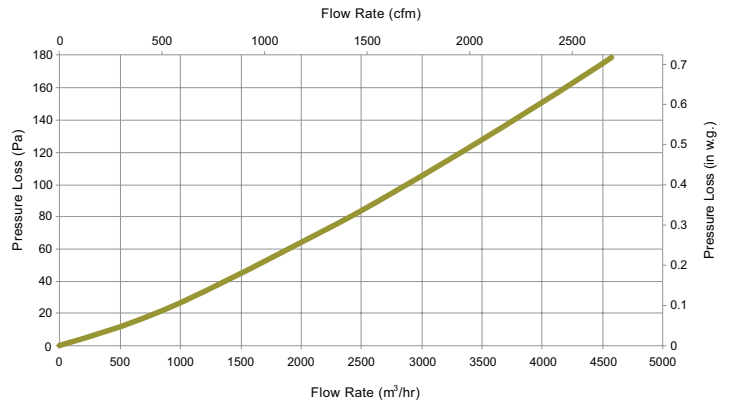
Key Features



Initial Fractional Efficiency



Pressure Drop



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