

altair® LDSY vCell



Key Benefits

- Increased MW output
- Lower heat rate
- Predictable and lower pressure loss
- Minimized fouling
- Filter provides hydrophobic performance for superior protection in wet environments
- Reduced cold & hot end corrosion
- Excellent sub-micron particulate efficiency
- Extended gas turbine availability

Extended filter service life with enhanced gas turbine protection

The **altair** LDSY vCell provides best-in-class turbine protection against corrosives and moisture, with its unique combination of hydrophobic properties integrated with high efficiency. It has a filtration efficiency grade of E12 per EN1822:2009, equal to a minimum 99.5% of MPPS, and an extended filtration surface area that ensures low pressure loss and supports extended filter life. **altair's** LDSY filter sets a new standard in corrosion protection. Its salt removal performance was significantly improved over the best products previously available from Parker Hannifin.

Long-lasting performance

The **altair** LDSY 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.

Performance Data

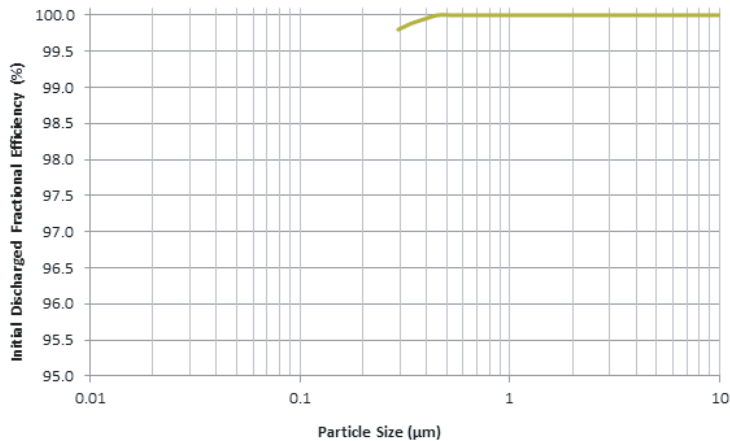
EN1822:2009 (Neutralized)	E12 (99.5% MPPS)
Salt efficiency-MMBL	99.999974%
Clean Pressure Loss at rated air flow	195 Pa
Rated Air Flow	4250 m³/h

Filter Facts

Construction	Robust, impact resistant plastic, ABS (Acrylonitrile butadiene styrene)
Gasket	Single piece, polyurethane
Dimensions	595 mm H x 595 mm W x 600mm D 23.4 in H x 23.4 in W x 23.6 in D
Clean Weight	18 kg/ 40 lbs
Application	Multi stage high efficiency static or hybrid filtration

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Initial Fractional Efficiency



Key Features

