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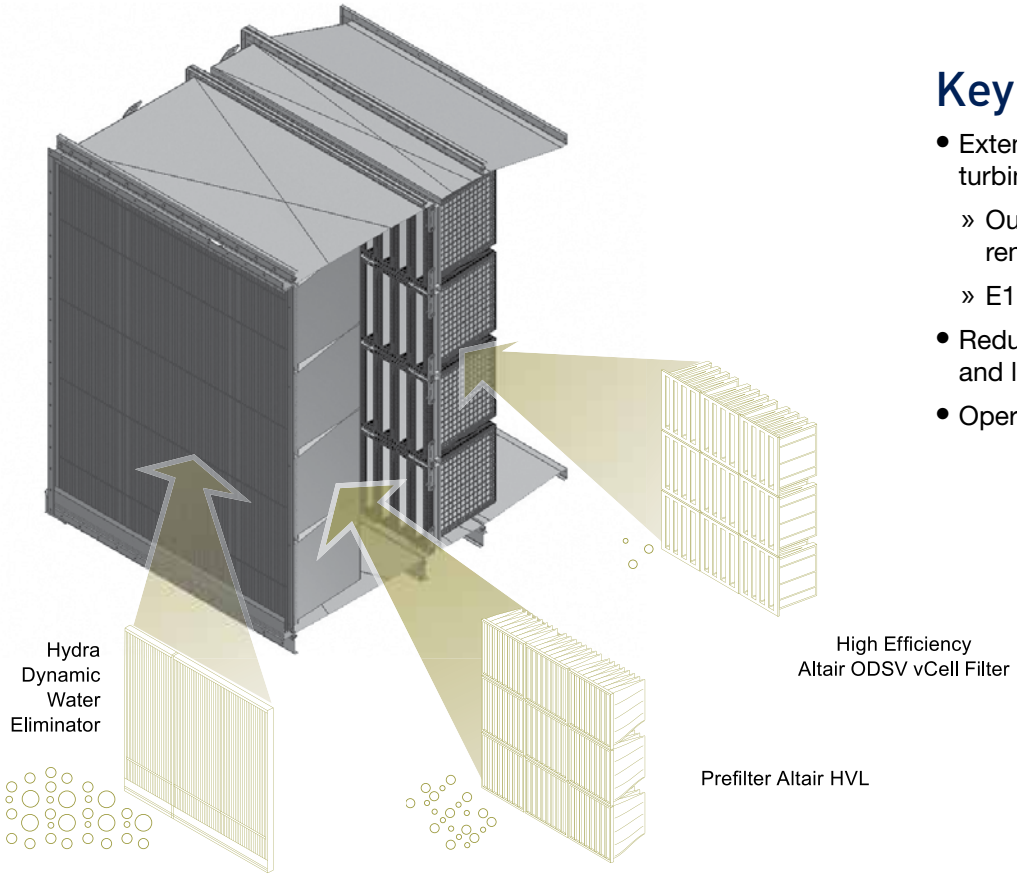
Fact Sheet

altair® Static Offshore E11 System



Key Benefits

- Extended availability of your key gas turbine assets
  - » Outstanding wet and dry salt removal efficiency
  - » E11 v EN1822:2009
- Reduced space envelope requirement and lower weight
- Operates at medium to high velocity

Introducing a new standard in gas turbine availability from **altair**, the specialists in offshore gas turbine air filtration.

Developed to operate at medium to high air velocity in compact filter houses, this system will help provide extended availability of your key gas turbine assets. Its low pressure loss, outstanding dust-holding capacity, and extremely high salt efficiency will keep you operating longer.

The three-stage filtration system uses proven water management techniques—together with E11 levels of air filtration. Fine dust and corrosive droplets/particles are captured or drained, thereby providing maximum protection against fouling and corrosion.

Technical Information

Clean System Pressure Loss @6100 m3/h (3600 CFM)	Less than 500 pa (2" H_2O)
Final Filtration Efficiency – EN1822:2009	E11 – 95% MPPS
System Wet Salt Efficiency	99.2% – 99.9%

ALTAIR035 (04/2018)

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

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Extended filter service life with enhanced gas turbine protection.

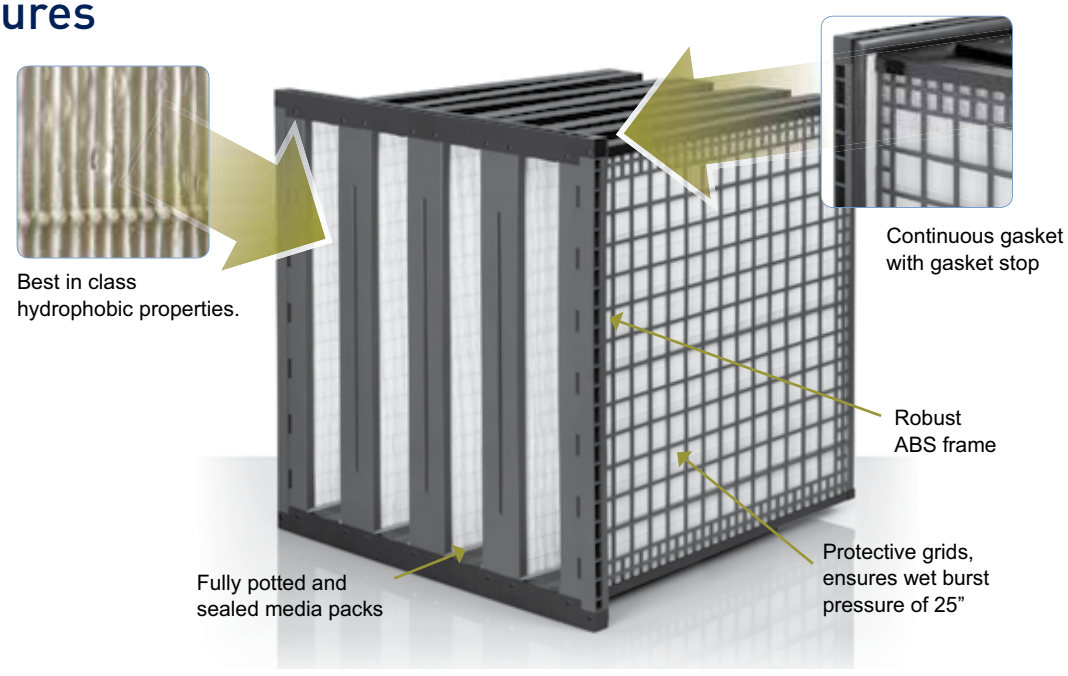
The **altair** ODSV vCell provides best-in-class turbine protection against corrosives and moisture, with its unique combination of hydrophobic properties integrated with high efficiency. It has a filtration efficiency grade of E11 per EN1822:2009, equal to a minimum 95% of MPPS, and an extended filtration surface area that ensures low pressure loss and supports extended filter life. **altair**'s ODSV filter sets a new standard in corrosion protection. Its salt removal performance provides a significant upgrade to earlier generations of offshore filter systems.

The **altair** ODSV 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)	E11 (95% MPPS)
Downstream Salt Concentration v MMBL	20% RH 0.0000079 ppb 90% RH 0.0000009 ppb
Clean Pressure Loss at 6100m3/h (3600CFM)	Less than 300 pa (1.2" H_2O)
Rated Air Flow (E11) Max Air Flow (E10)	6100 m^3/h (3600 CFM) 7650 m^3/h (4500 CFM)
Dimensions	595 mm H x 595 mm W x 600 mm D 24" H x 24" W x 24" D

Key Features



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