

## altair<sup>®</sup> GT2 Filter/Coalescer Panel

Versatile and effective, the Parker Hannifin **altair** GT2 filter/coalescer panel is designed to operate in the harshest conditions to protect turbines on offshore oil and gas platforms, in industrial operations, and for offshore wind turbines in power generation applications.

The **altair** GT2 is generally used as part of a 2- or 3-stage system. It offers good filtration efficiency with low pressure loss, even at high velocity. It also reduces salt ingress to well below engine manufacturers' recommended limits. Unlike other coalescer filters, the GT2 can be cleaned to remove salt and hydrocarbon contamination in environments where this occurs. In the 3-stage configuration this is known as SRS Technology.

## Construction

The **altair** GT2 filter/coalescer is a panel consisting of a synthetic media sandwiched between wire mesh of plastic-coated galvanised steel. To increase the surface area and provide rigidity, this structure is corrugated and then retained in a stainless steel channel frame.

## Maintenance

The **altair** GT2 is easily cleaned using low-pressure cold water. If necessary, greasy contaminants can be removed by washing with Parker Hannifin filter cleaning fluid and rinsing with fresh water. When cleaned correctly, the filter should be restored to original efficiency and pressure loss.

## Key Benefits

- Operational velocities up to 9 m/s (1771 FPM) – results in extremely compact air intakes
- Offers 80% gravimetric efficiency (arrestance) = G3 according to EN779:2002
- High efficiency against salt aerosol, when combined with SRS Technology system, helps reduce turbine blade corrosion
- Robust construction and fully cleanable design helps increase filter lifetime
- Low pressure loss normally leads to increased engine power output and/or improved fuel efficiency

## Typical applications

- Gas turbine package ventilation air
- Diesel or gas engine air intake
- Platform HVAC filtration
- Offshore wind turbine ventilation air

## Performance Data

	3 m/s 590 FPM	6 m/s 181 FPM	9 m/s 1771 FPM
Salt removal efficiency when used in SRS Technology system	99.78%	99.95%	99.98

