

PC1-AG COALESCER PANEL

INTRODUCTION

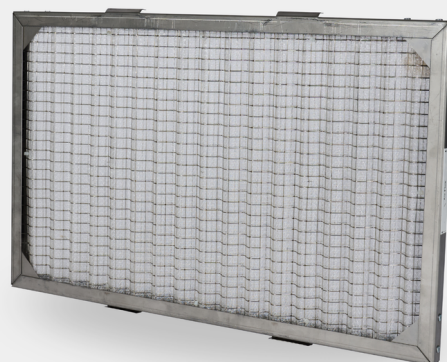
Versatile and highly effective, the Airguard Envirocare PC1-AG coalescer panel is engineered to perform reliably in the most demanding environments, including offshore oil and gas platforms, industrial operations, and offshore wind turbine applications in the power generation sector.

CONSTRUCTIONS

The Airguard Envirocare PC1-AG coalescer panel is engineered with a synthetic media core securely sandwiched between stainless steel wire mesh. To enhance surface area and ensure structural rigidity, the media assembly is corrugated and housed within a durable stainless steel channel frame.

OTHER MANUFACTURERS EQUIVALENTS

- Premaburg PC1



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FEATURES AND 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 the SRS Technology system, helps reduce turbine blade corrosion
- Robust construction and fully cleanable design help increase filter lifetime
- Low pressure loss normally leads to increased engine power output and/or improved fuel efficiency
- Supplied with sealing gasket and integral Clips
- Standard and non-standard sizes available in 304L/316L stainless steel frames

TYPICAL APPLICATIONS

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

MAINTENANCE

The Airguard PC1-AG is easily cleaned using low-pressure cold water. If necessary, greasy contaminants can be removed by washing with non-ionic cleaning detergent and rinsing with fresh water. When cleaned correctly, the filter should be restored to its original efficiency and pressure loss.

Performance Details

	3 m/s 590 PC1	6 m/s 181 PC1	9 m/s 1771 PC1
Salt removal efficiency when used in SRS Technology system	99.78%	99.95%	99.98

