

Two Stage



Peerless
Europe



Our two stage system protects salt sensitive equipment in offshore HVAC systems and marine air intake ventilation on large ships by removing salt moisture and solid particulate.



- The system can be constructed in marine grade aluminium alloy or stainless steel to best suit the requirements of the installation.
- Developed by Peerless technology, the separator vane is integrated with Advanced PC-3A coalescer panels and is available in two versions.

Type CV

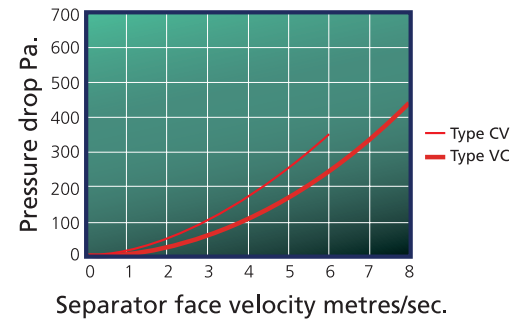
- ▶ Designed for light aerosol sized moisture entrainments with some mists and transient light sprays the CV can operate at high air velocities before re-entrainment occurs.
- ▶ Typically used for HVAC/Downstream for well-protected areas.

Type VC

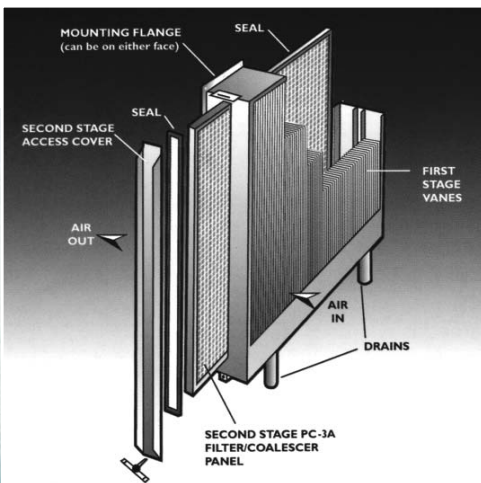
- ▶ Designed for heavy moisture entrainments the VC is ideal for the marine environment.
- ▶ Typically used for offshore/ship application where intakes are exposed to the elements.

- Offers lower pressure drop coefficients than the Compact – Three Stage.
- Offers protection to equipment that could suffer high temperature sulphidation corrosion.
- A lighter, cheaper option than the Compact – Three Stage.
- The easy maintenance programme only involves coalescer change-outs or cleaning.

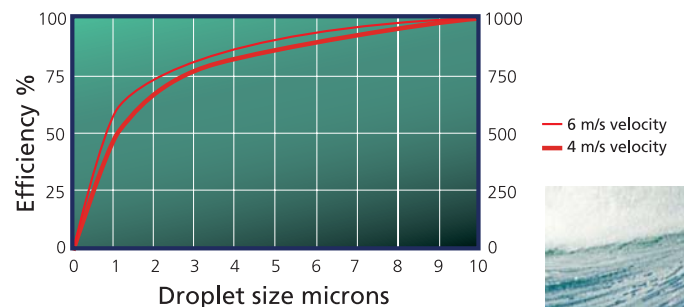
TWO STAGE pressure drop characteristics



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TWO STAGE efficiency characteristics against NGTE 30 knot aerosol (3.6ppm (W) salt) input



making energy safe, efficient and clean