

# Coalescers & Filters



Peerless  
Europe

## Replacements and Spare Parts



Shipboard Installations

### Retrofit

Peerless' proven coalescer and filter technology in Advanced Marine Systems is available to retrofit existing applications where superior performance is crucial.

### Shipboard Installations



Peerless multistage separators incorporating replaceable, cleanable PC-3A coalescers eliminate expensive shipboard gas turbine and diesel engine problems caused by salt, moisture and solid particulate.

### Offshore/Coastal Installation

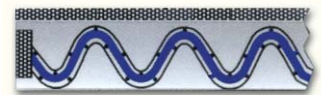


Gas turbines on offshore platforms risk damage from moisture and solid particulate. Peerless high-efficiency, multistage separators incorporating removable pocket filter/coalescers, protect costly offshore platform prime movers and HVAC systems.

### PC-3A Coalescer/Filter Panels

- Sinusoidal design extends the surface area available for solid and liquid contact, improving the system's moisture removal efficiency and life between cleaning.
- Used exclusively in Peerless Advanced Marine Systems, these PC-3A coalescer/filter panels are available for retrofit applications which will:
  - ▶ Lower maintenance costs.
  - ▶ Increase time between replacements/cleaning cycles.
  - ▶ Improve engine performance life.

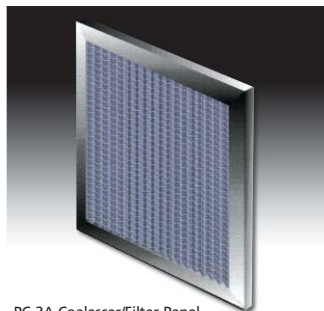
PC-3A



### Extended Surface Filter/Coalescers

Used for the removal of both moisture/seawater and solid particulate in gas turbine air intakes and HVAC systems in offshore and coastal marine environment applications.

- Proprietary, high velocity, low pressure drop pocket filters between moisture separator stages removes both the moisture/seawater and solid particulate contaminants.
- PF-8 pocket filter/coalescers are used exclusively in the Peerless System 200:
  - ▶ Filter media is an unbreakable thermally bonded, synthetic fibre.
  - ▶ Media is an integral part of the header frame preventing air bypass.
  - ▶ Leak free, self supporting pockets keep their shape.
- PF-8 pocket filter/coalescers are available to upgrade other HVAC and gas turbine combustion/ventilation air systems in a marine environment offering:
  - ▶ 16 times more filter contact area than face area.
  - ▶ Higher allowable face velocities.
  - ▶ Efficient solids /dust removals.
  - ▶ Effective moisture droplet coalescing.



PC-3A Coalescer/Filter Panel



Pocket Filter/Coalescer

making energy safe, efficient and clean