

System 200



Peerless
Europe

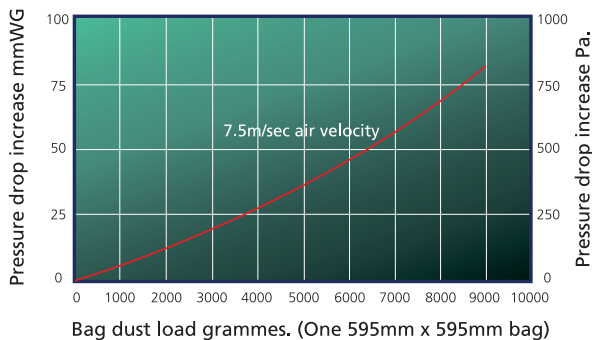


Universally acknowledged as the benchmark system for separation and filtration on offshore platforms and coastal installations, our System 200 protects gas turbines and high speed diesel engines by removing all levels of harmful salt moisture entrainment, particularly at platform level.

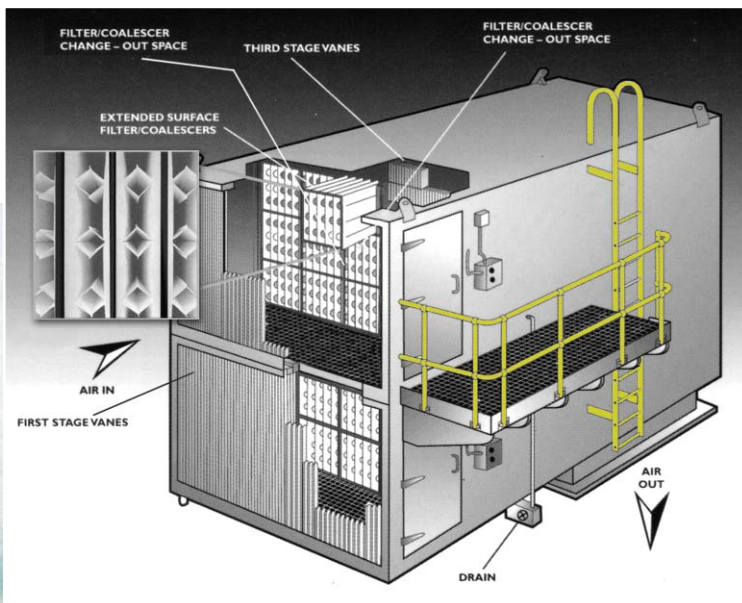
- The integration of inertial separation vanes with an extended surface filter/coalescer forms the second stage of a three stage system designed to cope with long term accumulations of dry particulates without the loss of filtration efficiency or undue rises in pressure drop.

- The robust construction and high resistance to the marine environment gives the system a long lifespan.
- The system has been designed to maintain its capability in a rising relative humidity situation, where the retained salt crystals deliquesce into liquid drop form.
- High filtration performance against particulate entrainments.
- Efficient salt separation at humidity levels below 70% when liquid salt aerosols begin to 'dry out' into crystalline particles of very small diameter.
- The salt-in-air level entering the engine from the unit is no more than 0.01 ppn (w).

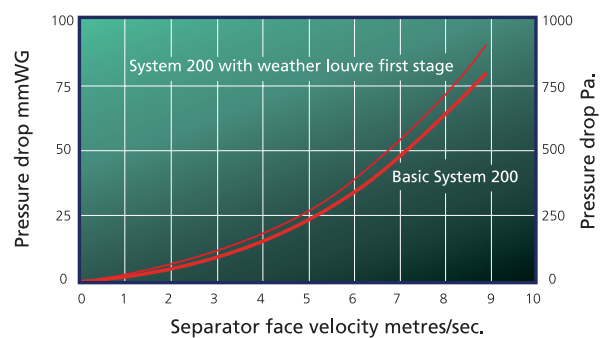
PEERLESS SYSTEM 200 approximate increase in pressure drop with load at air velocity of 7.5 metres/sec.



- The system requires virtually no day to day attention and is easy to maintain, only involving coalescer change-out or cleaning. No special tools are required.
- Low pressure drop.



PEERLESS SYSTEM 200 Pressure Drop Characteristics



making energy safe, efficient and clean