

Aircraft Appliances and Equipment Limited

Fluid Power Division

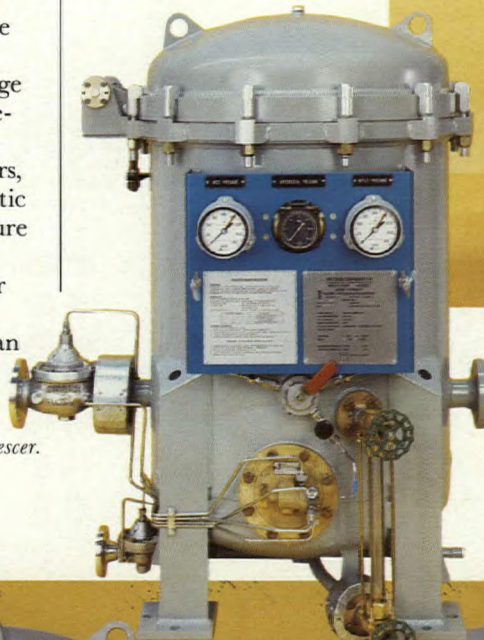
Aircraft Appliances and Equipment Limited, Fluid Power Division, has pioneered the development of coalescers for the separation of water and solid contaminants from lubricating and fuel systems for marine gas turbine power plants.

Over 20 years of research and development have resulted in many U.S. and Canadian naval ships having AA & E equipment installed. This equipment ranges all the way from simple in-line filters to duplex coalescers which automatically change over from clogged filter elements to clean ones. They come complete with heaters, service indicators, automatic water level controls, pressure and temperature gauges, safety interlocks, and other features. Flow rates from 0.1 GPM to 1 000 GPM can be accommodated.

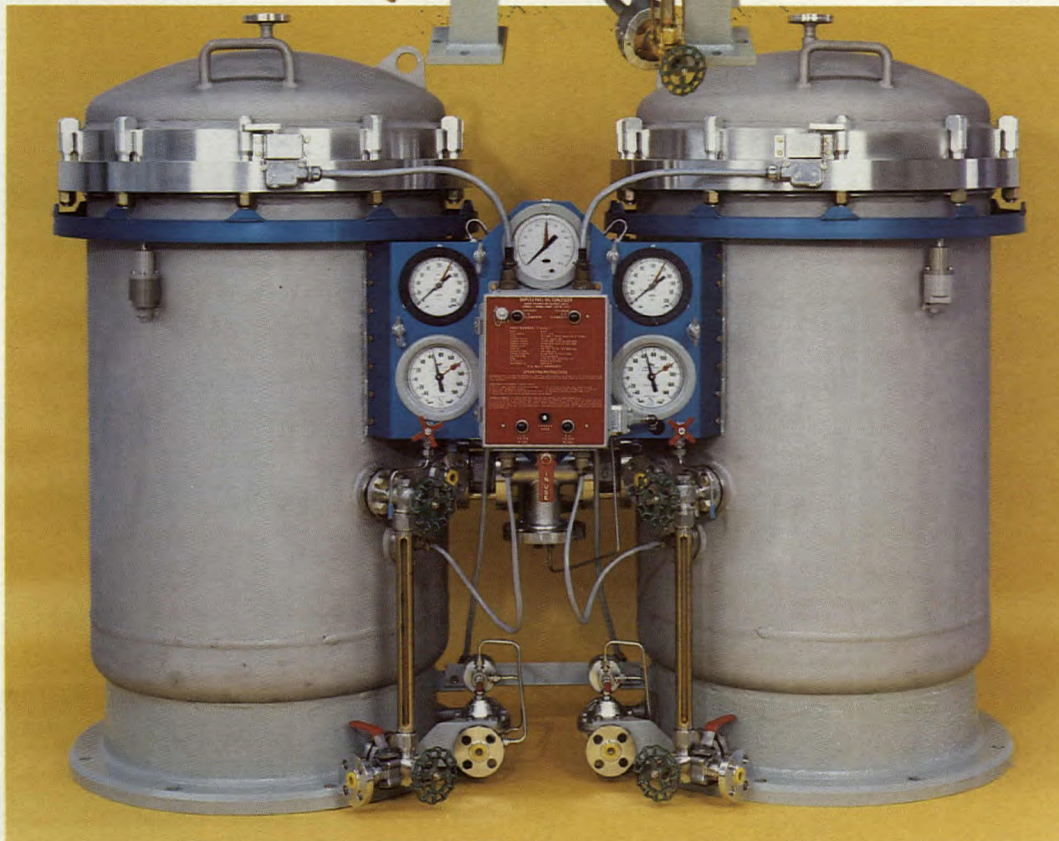
Duplex prefilters.



Simplex fuel oil coalescer.



Duplex fuel oil coalescer.



Many designs have been approved to MIL-F-15618, MIL-F-8901 and qualified to the shock requirements of MIL-S-901 and vibration requirements of MIL-STD-167.

Micronic filters and pipeline strainers have been manufactured for the most advanced navies around the world. Several patented designs are available in many different alloys to meet the most demanding shocks from arctic vessels to the high-frequency vibrations of hydrofoils and surface-effect ships.