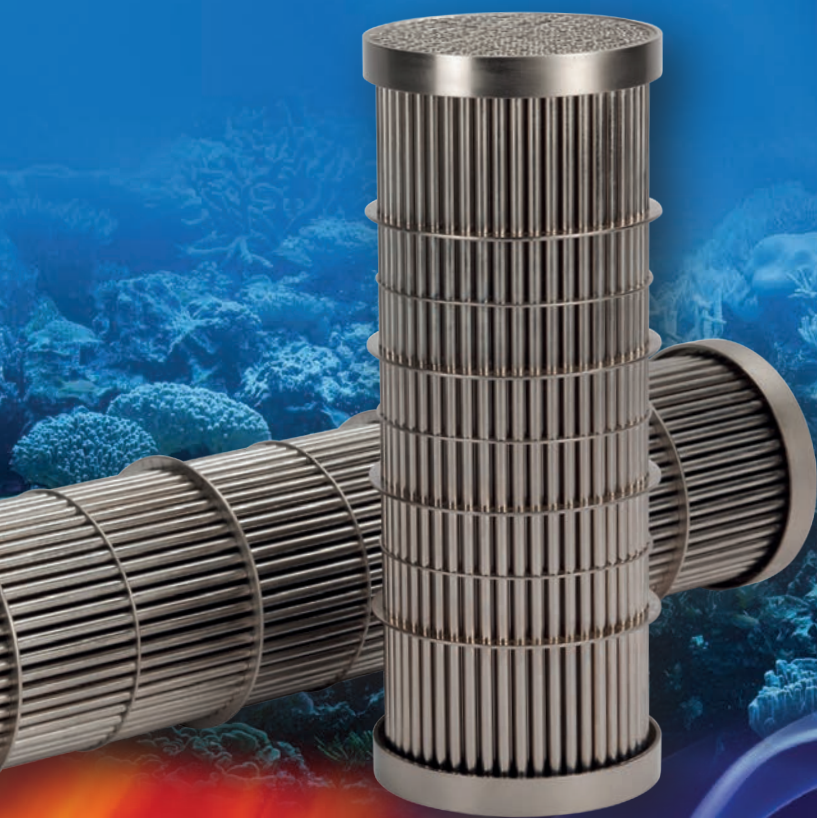




# NEW

# Titanium Heat Exchangers

## The ultimate 'fit & forget' cooling solution



Bowman can now offer Titanium tube stacks as an option for many of our marine heat exchangers, providing a highly durable, long life solution for the most demanding cooling applications.

Titanium is the ultimate 'fit & forget' solution for any installation where super aggressive water conditions exist, including sea water, or contaminated/mineral rich fresh water.

### Long life durability

Titanium resists attack from most chemicals indefinitely, providing long life durability in the most challenging conditions.

### Fit & forget reliability

Titanium also eliminates the possibility of 'galvanic reaction' between dissimilar materials, which can lead to premature failure in certain operating conditions.

### Increased performance

As a further advantage, Titanium tube stacks can operate at higher flow rates compared to standard cupro-nickel, increasing cooling performance, without the risk of tube erosion.

### 10 year guarantee

All Bowman Titanium tube stacks benefit from a 10 year guarantee on all Titanium material in contact with the cooling water.

**For further information or for details of your nearest stockist, contact:**

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BS EN ISO 9001-2008  
Reg. No. FM38224

# BOWMAN®

A World Leader in Heat Exchanger Technology



# Total Cooling solutions

## for the marine industry

### Header Tank Heat exchangers

The unique design of Bowman header tank heat exchangers combines highly efficient engine cooling with long life durability and are suitable for engines up to 1400kW.



### Gearbox Oil coolers

Designed for use on small to medium sized marine transmission systems, Bowman DC oil coolers provide a cost-effective solution that delivers highly efficient cooling and long operational life.



### Charge Air Coolers

Bowman Charge Air Coolers improve fuel efficiency and enhance engine performance by cooling turbo charged air. The standard range is suitable for engines up to 800kW.



### Fuel Coolers

Specially designed to meet the needs of modern high pressure marine fuel injection systems and available in a choice of designs and sizes.



### Hydraulic Oil coolers

With the increasingly complex hydraulic circuits to be found on modern vessels, ensuring adequate cooling is the key to reliable operation. Bowman hydraulic oil coolers are the proven cooling solution for marine hydraulics.



## Delivering heat transfer solutions, for global industries, since 1919

E J Bowman is synonymous with providing efficient heat transfer solutions for the world's most demanding industries.

All Bowman heat exchangers are manufactured in the UK, to ISO 9001-2008 quality standards and are fully supported with technical advice, a comprehensive

replacement parts service and a network of stockists worldwide. Already established as the leading brand for marine industry cooling, Bowman heat transfer solutions can also be found in applications as diverse as;



**Active Fire  
Protection Systems**



**Mining Equipment  
& Machinery**



**Combined Heat  
& Power**



**Automotive  
Engine Testing**



**Hydraulic  
Systems**



**Swimming  
& Spa Pools**