AALBORG INDUSTRIES

Heater News

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Deck mounted cargo heaters for product and chemical carriers

The latest addition to our range of heat exchangers is a cargo heater manufactured in AISI 316L stainless steel.

The VESTA™ MP-C is a shell and tube heater with an improved tube pattern to obtain higher velocities and a more compact heating surface. The specially designed baffle arrangement allows us to optimise the heat transfer coefficient which helps keep the heating surface clean and prevents tube vibration from occurring. Furthermore, the staggered tube pattern provides a very good macroscopic mixing of the fluid, as the fluid is forced to change direction for each tube row.

Based on experience

The VESTA™ MP-C will replace our SUNROD™ Bendek design as it is a more efficient and generally improved heater.
The VESTA™ MP-C incorporates all the experience gained from use of both the SUNROD™ Bendek type through more than 30 years in product and chemical carriers and of the VESTA™ MP type for more than 10 years – both of them used for demanding applications in marine and industrial environments.

Modular design

The VESTA™ MP-C has a modular design and is tailor-made to each customer application, thus securing a compact and flexible heater for the required duties.

All accessories in AISI 316L can be delivered premounted on the heater. The use of modular components in conjunction with our state-of-the-art design and flexible manufacturing processes makes it possible to deliver the VESTA™ MP-C cargo heater at a very competitive price and with a minimal delivery time.

Slim horizontal or vertical designs

The VESTA™ MP-C cargo heater meets all requirements of shipyards and shipowners and is designed for both horizontal and vertical mounting. The very slim tube diameter is very similar to the deck-piping. It is consequently possible to install the heater in horizontal position which eliminates the requirements for special lifting arrangements for cleaning and maintenance of vertically installed heaters. The VESTA™ MP-C cargo heater is thoroughly tested and meets the requirement of all classification societies.

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