

The art of cooling >



# Thermal Engineering - Marine division

The Thermal Engineering Group within NRF exists of 3 business pillars. Besides OEM & Industrial, NRF has also a strong track record on Marine.

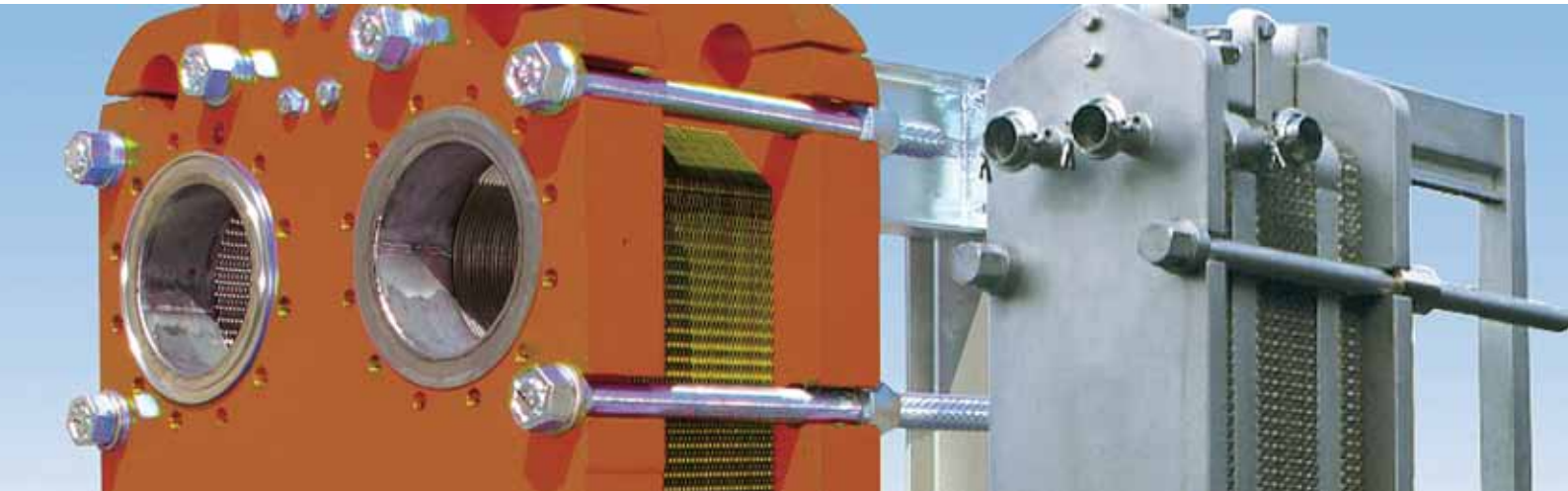


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# Plate heat exchangers

NRF delivers standard plate heat exchangers as well as customized heat transfer solutions for any task. The NRF plate pattern is designed to solve a variety of different heat exchanger applications.



## Advantages

- The plates and plate patterns are constructed to obtain a high thermal efficiency with a low pressure drop
- There are two pattern designs available with different pressing angles giving respectively high/low turbulence flow, dependant on the given selection
- The inlet channels allow for maximum strength in the inlet area, whilst maintaining minimum of contact points, reducing blockage at the flow distribution zone
- The inlet design ensures even distribution of the liquids across the heating surface
- The gasket is placed in a dedicated retaining gasket groove. This secures the elasticity of the gasket even after a long time of compression



The range consists of 18 plate types. With this range of plate heat exchangers NRF has got the optimal technical solution for any possible task, with connection sizes from Ø 15 mm – Ø 500 mm covering a liquid flow of 50 l / hour – 2000 m<sup>3</sup>/ hour.

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