

More than cooling parts >



NEW



New range of boxcoolers



www.nrf.eu



The idea behind the box cooler is unique and has not changed essentially since the invention of the first box cooler by NRF in 1959. The box cooler is a simple, environmentally-friendly device, which requires little maintenance. In addition, it is compact and easy to install. This is why countless shipyards, ship builders, ship brokers, repair yards, ship owners and private owners rely on box coolers from NRF.

NRF responds to an ever changing market demand, by introducing two modified designs of the box cooler: Build under, also known as 'Bottom Pull' and Integrated ICAF.



Build Under

The widening of the application of box coolers, where increasingly larger box coolers are being used on an expanding range of ship types, brings up the need of an

assembly form where in the cooler is not installed from within the engine room but from outside of the hull. The great advantage of this form of assembling is that the cooler no longer needs to be carried through the engine room and can be installed just for launching.



Integrated ICAF

Due to the increasing pressure to reduce costs and to prevent possible installation errors, NRF has developed a range of box coolers in which the anti-fouling (ICAF) is

integrated on the cooler, resulting in a rapid and efficient assembly. To keep the cooler dimensions within the standard range, NRF has chosen to retain the cable from the anode through the beam and the water box.

NEW Express Line Box coolers

Nowadays, ship yards require short delivery times for the repair or exchange of existing box coolers. Today we face more and more repairs and exchange of existing coolers in the repair sector.

NRF is known for its high quality box coolers and has anticipated on this market request by installing an express production line in our manufacturing site in Mill (The Netherlands).

The benefits for you, our valued customer, are:

- Gaskets/bolts etc, ordered before 10.00 am, can be shipped the same day.
- Tubestacks (not coated) available in 1 ½ day
- Tubestacks (coated), available in 5 - 7 days

The express production line is also capable to manufacture complete box coolers with the following leadtimes:

- Box cooler (not coated), available in 3 ½ days
- Box cooler (coated), available in 6 - 8 days

> Take advantage of these new NRF capabilities!

**Introduction
at SMM 2012**

