

B COOL CO2 successfully installed on Assister

Our innovative and patented cooling system – the B COOL CO2 – is installed and in operation on the Assister.

Our team had the task of loading, preparing, and installing the first climate-friendly maritime cooling system for provision stores onboard the Assister, a multipurpose AHTS A-type Offshore Installation Subsea Construction Vessel. And what a joy it is to see our vision for replacing harmful HFC gases with the natural refrigerant CO2 come true.

Less than 2 weeks after we shipped the system from our workshop, our team had the B COOL CO2 installed, commissioned, and successfully operating on the vessel. This marks another strategic milestone in our journey towards being provider of refrigeration plants for all type of merchant vessels, ferries, and offshore installations using the natural refrigerant CO2.

Congratulations to the owner of Assister - and to our dedicated team!



Climate-friendly maritime refrigeration systems

By developing the B COOL CO2, we want to encourage the green transition in the shipping industry. With CO2 as a natural, environmentally friendly refrigerant with a GWP = 1, the system is designed for all type of merchant vessels, ferries, and other vessels where it replaces outdated systems and harmful hydrofluorocarbon gases (HFC's).

The B COOL CO2 is a powerful unit that yields up to 50 % more than systems using HFC's, and there will be no conversion or retrofit costs when new, more stringent regulations are introduced for the use of coolants. The unit also boasts much lower energy consumption than conventional systems, making the system both climate-friendly and a good investment.



Choose green refrigeration

- ODP = 0, GWP = 1
- CO2 effect on the climate is 1,400 to 4,000 times less than that of synthetic refrigerants
- CO2 is non-flammable
- High performance, low energy consumption
- High heat transfer coefficient
- No long-term side effects.
- The gas has a low toxicity (only dangerous in high concentrations)

20 years for finding solutions

In 2002 Palle Bendix founded B COOL, and it has been 20 amazing years with new adventures every day. From day one, the promise to our clients has been: There is always a solution – a promise we strive to succeed in every task.

Thanks to everyone, who has joined our journey during the years.

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