



NILSEN
MARINE REFRIGERATION

PRODUCT OVERVIEW

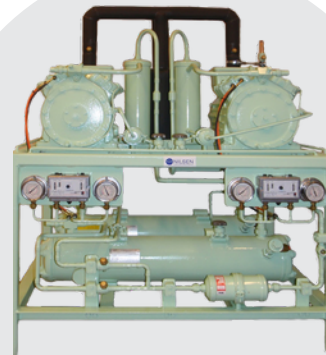
1 Provision plants

We deliver tailor made condensing units with water cooled and air cooled condenser.

Normally the units are delivered for connection to DX evaporators, but the units can also be made with plate heat exchangers or shell and tube evaporators for connection to coolers with brine water. All wires internally are connected to junction box or control panel.

Standard unit with sheet metal casing with removable panels and electrical control panel fitted on the unit.

- Capacity range from 1kW to 80kW. Medium and low
- temperature versions. Refrigerants R134a, R448A, R407F.
- Capacity control by steps, stepless control or by frequency drive.
- Standard voltage power supply 3x230V-50/60Hz, 3x440V-50/60Hz or 3x690V-50/60Hz Special version with stainless steel casing or without casing. Special version with seawater cooled condenser.



2 AC plants

We deliver tailor made condensing units with water cooled and air cooled condenser.

Normally the units are delivered for connection to DX air handling units, but the units can also be delivered with plate heat exchangers or shell and tube evaporators for connection to coolers or AHU's with brine water.

All wires internally are connected to junction box or control panel.

Standard unit with sheet metal casing with removable panels and electrical control panel fitted on the unit.

- Capacity range from 5kW to 1600kW. Medium and high
- temperature versions. Refrigerants R134a, R448A, R, R407F, R450A, R407C. Capacity control by steps, stepless control or by
- frequency drive. Standard voltage power supply 3x230V-50/60Hz, 3x440V -50/60Hz or 3x690V-50/60Hz. Special version with stainless steel casing or without casing. Special version with seawater cooled condenser.



3 IS.AK fancoils

Our IS.AK fancoils are a series of air coolers for connection to chill water or hot water systems, specially designed for marine applications. Standard version with sheet metal casing, copper tubes and aluminum fins.

- Wide capacity range from 5kW to 200kW. Voltage 1x230V-50/60Hz for fan size ø315 to ø500. Voltage 3x230V-50/60Hz for fan size ø560 to ø630. Special voltage of 400/440V-50/60Hz is possible on request.

Special options possible on request :

- Stainless steel casing
- Copper fins
- Stainless steel tubes
- Fins with protective coating for use in aggressive environment
- EC fan motors
- ATEX fan motors



4 Fancoils and AHUs

Our JU.FC units are a series of fancoils for wall, floor and ceiling mounting, specially designed for marine applications. Standard voltage 1x230V-50/60Hz, but special voltages are delivered on request.

The HIL.AHU units are a series of small air handling units , specially designed for marine applications. Both the JU.FC and the HIL.AHU can be delivered with cooling coil for DX connection with a variety of refrigerants.

Standard voltage 1x230V-50/60Hz, but special voltages are delivered on request.



5 Evaporators

Cubic Unit Coolers – Efficient Cooling for All Temperature Ranges

Our range of cubic unit coolers is designed for ceiling installation in cold rooms, ideal for preserving all types of products. The series is divided into three main categories based on temperature application:

- ICA and ICIA for high-temperature applications
- ICM and ICIM for medium-temperature applications
- ICB and ICIB for low-temperature applications

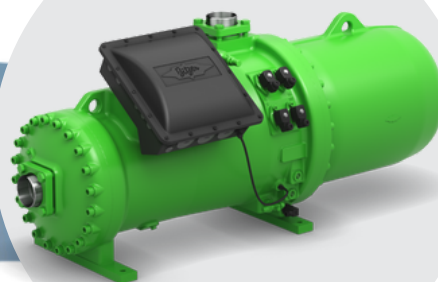
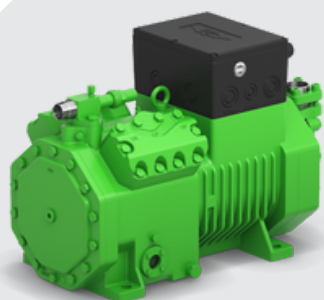
Each model is engineered for optimal performance and reliability across various cooling needs

Spare parts for all models are readily available from our warehouse, guaranteeing prompt support and minimal downtime.



6 Compressors

We deliver compressors from the world's most renowned brands, tailored to meet your specific needs. Whether you're looking for screw compressors, semi-hermetic compressors, or open drive compressors, we can deliver the exact models you require – with the quality and performance you expect.



7 Spareparts

We deliver high quality spare parts for all types of refrigeration systems. Brands as Bitzer, Bock, , Danfoss, Intersam, Carly and Daikin, to mention some. We deliver the parts you need.


We have a lot of different spare parts on stock - including oils. Our staff will ensure you get fast and correct deliveries at all times.





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