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REPLACEMENT CHILLER

H&H Replacement Chillers

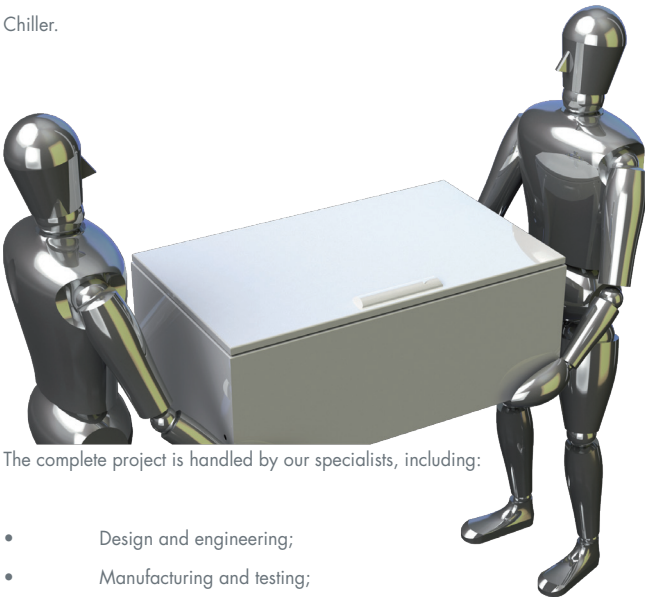
Pack & Cool

An AC-chiller is an essential piece of equipment onboard a ship. So when a unit breaks down, is it better to repair the unit or replace the chiller altogether?

One of the greatest challenges with replacement is the difficulty of gaining access. This expensive and time-consuming operation involves cutting into the hull, removing the existing chiller and mounting a new one in its place. Now, with our innovative line of custom Replacement Chillers, Heinen & Hopman offers a new way of overcoming this hurdle.

No hole in your hull

The difference with ‘normal’ AC-chillers lies in the fact that Heinen & Hopman’s Replacement Chillers are specially designed and manufactured as a building package. While still intended as a permanent solution, they are suitable for transporting through the doors inside a ship and no hole has to be cut in the hull. In addition to the obvious money savings, this also means you don’t have to wait to replace your old AC unit with a state-of-the-art, fully customisable Replacement Chiller.



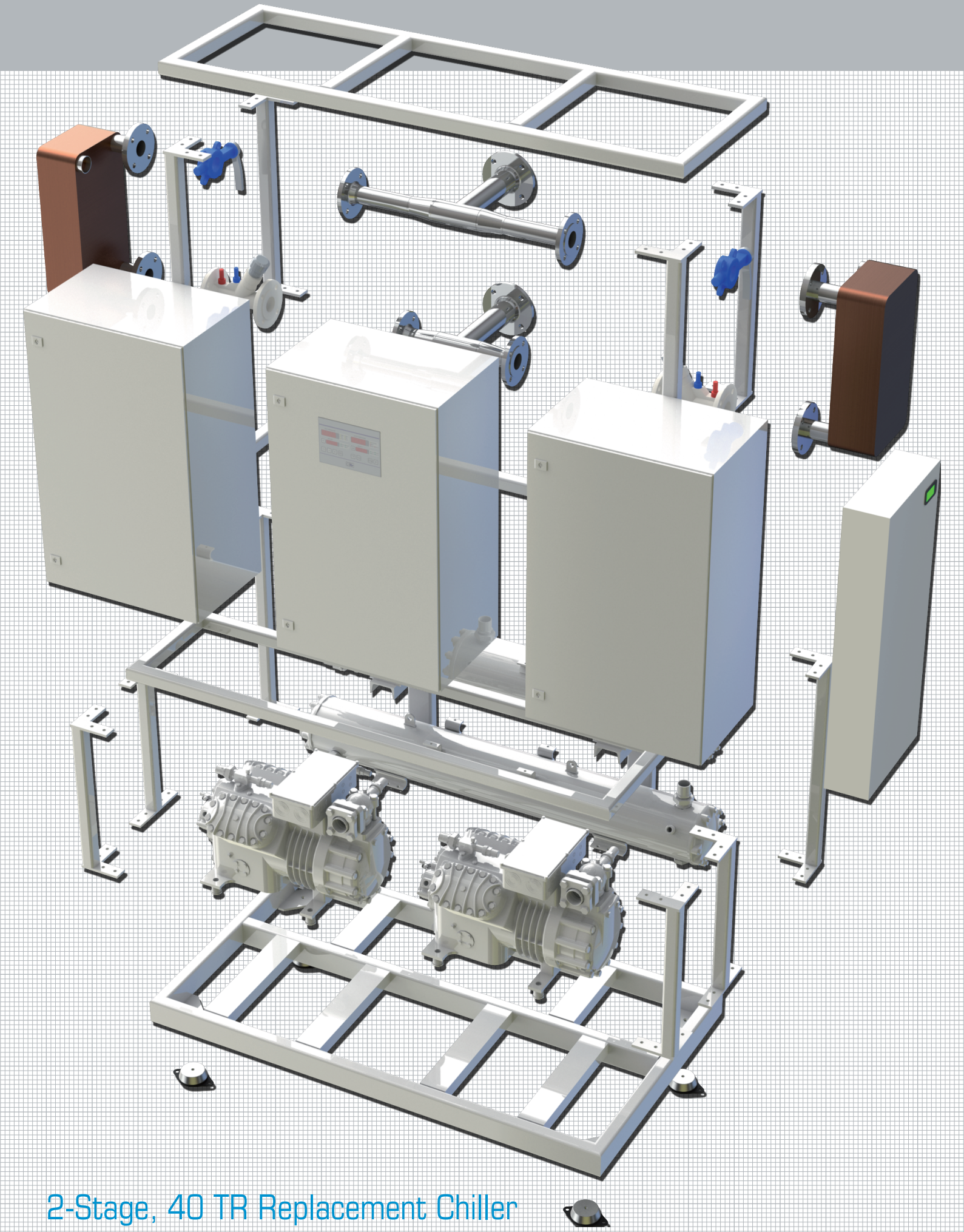
The complete project is handled by our specialists, including:

- Design and engineering;
- Manufacturing and testing;
- Disassembly and shipment;
- Onboard assembly and commissioning.

Standard sea water or fresh water cooled Replacement Chillers are available with a cooling capacity of 20, 30 & 40 TR, 2-Stage and 40, 50 & 60 TR, 3-Stage.

Fully tested

Each Replacement Chiller is fully tested in our sophisticated test facility for functionality and capacity before leaving the factory. And if you have any specific requirements, we can fully custom build your new Replacement Chiller.



2-Stage, 40 TR Replacement Chiller

Technical data 2-stage

		20TR	30TR	40TR
Weight, ±	[kg]	1.100	1.250	1.400
P. absorbed	[kW]	2x 11	2x 17.7	2x 24.5
P. installed	[kW]	2x 16	2x 25	2x 36
Cooling Cap. [TR / kW]		20 / 70	30 / 106	40 / 141
Dimensions	[mm]	B = 1742	B = 1942	B = 1942
		H = 1789	H = 1789	H = 1789
		D = 950	D = 1050	D = 1050

Technical data 3-stage

		40TR	50TR	60TR
Weight, ±	[kg]	1.600	1.850	1.900
P. absorbed	[kW]	3x 15.8	3x 21	3x 24.5
P. installed	[kW]	3x 23	3x 29	3x 36
Cooling Cap. [TR / kW]		40 / 141	50 / 176	60 / 211
Dimensions	[mm]	B = 1942	B = 1942	B = 1942
		H = 2202	H = 2252	H = 2252
		D = 1200	D = 1200	D = 1200

Standard data

Refrigerant	: R-407C
Standard RAL Color	: 9010
CW Temperature In / Out	: 12°C / 6°C
Max. sea water temperature	: 32°C
Max. fresh water temperature	: 38°C

Advantages

- High quality assured;
- Fully custom built solutions available upon request;
- Refrigerant 407C, (complies with all ship classifications);
- Proven method for more than a decade;
- Fully tested at factory and in the field;
- Power management system;
- Frequency controllers;
- All common power supplies available upon request;
- Paint colour fully customizable;
- Sea water or fresh water cooled.

Please do not hesitate to contact us for more detailed information.