

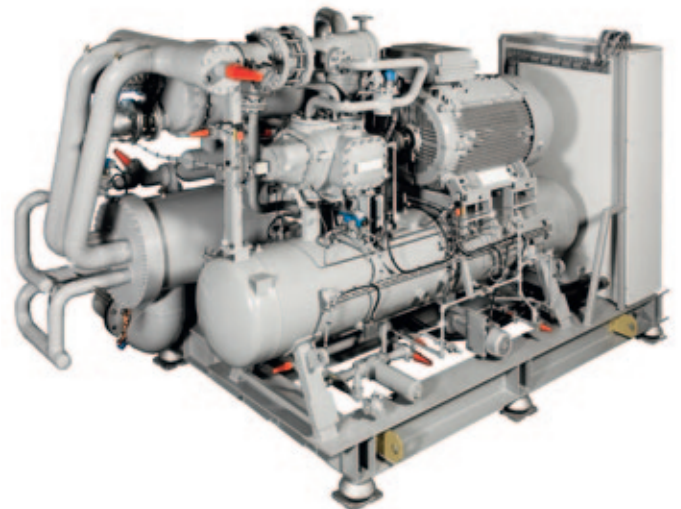
NAVAL EQUIPMENT AND SYSTEMS

CHILLED WATER PLANTS A WORLD OF SPECIALTIES



Besides comfort cooling, cooling of (weapon) electronic equipment becomes more and more vital for the survivability of modern warships. Van Halteren Special Products chilled water plants are designed for worldwide operation under the most severe circumstances without losing their operational ability.

We can supply chilled water plants based on our modular design philosophy or tailor made according to customer specifications.



Based on the customer requirements our design can be provided with open, semi-hermetic or hermetic from piston to high speed centrifugal compressors, plate-plate, plate and shell as well as shell and tube heat exchangers all from

well-known first class manufacturers. Shock, vibrations, structure and airborne sound as well as EMC requirements are all taken in to account and if required proven during the Factory Acceptance Testing at our own test bed.

Van Halteren Special Products supplied chilled water plants for the following naval ships



	CAPACITY	REFRIGERANT	COMPRESSOR TYPE
Tripartite mine hunters	125 kW	R134a	Hermetic screw
Nansen class frigates Norwegian Navy.	500 kW	R404A	Hermetic Screw
Multipurpose-frigates Royal Netherlands Navy	600 kW	R134a	Semi Hermetic screw
Air Defence Frigates Royal Netherlands Navy	750 kW	R134a	Hermetic screw
Canberra Class LHD. Australian Defence Force	1050 kW	R507A	Open screw
Landing Ship Dock Auxiliary Royal Fleet Auxiliary	1400 kW	R404A	Hermetic screw