

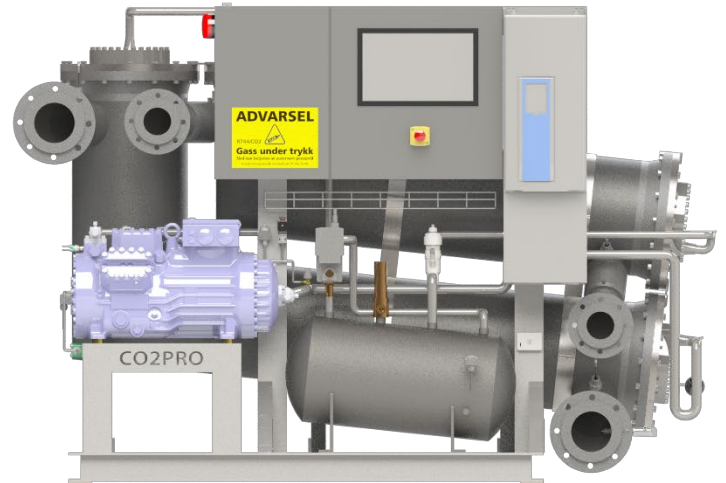


CO₂PRO RSW

Refrigerated Sea Water - 40-460kW

Main Component

GEA Bock / Dorin Semi-hermetic compressor
Vacon Flow Frequency Drive
Proff Kulde Titanium Gas-cooler
Proff Kulde Titanium Evaporator
Set off refrigeration transmitters, valves and pipes
Control cabinet with touch display



The RSW systems are supplied with sea water cooled onboard gas cooler, complete with control systems, automatic, compressor, receiver, valves and filter. The plant is built as compact units but can also be supplied as individual components for customized mounting on board the vessel. This means that the entire system can be transported through a 600x600mm hatch.

CO₂ has been given new life as a refrigerant due to the need to replace strongly environmentally harmful chemically produced refrigerants. CO₂ has become an increasingly popular choice for use in industrial refrigeration plants, precisely because it has very good performance and it is not toxic or harmful in moderate concentrations.

Our in-house heat exchangers are specially developed and unique designed for refrigeration technology purposes and have features and performance of their own incomparable class. Only the strongest and most resistant materials are used in the production line, making this a highly robust construction.

Easy operation via touch display and with possibility of remote control with internet connection. Standard power supply is 3x400V 50Hz but can also be adapt to other power supplies.

RSW
SYSTEMS

Benefits

- » Efficient
- » Very small footprint
- » Low maintenance cost
- » User friendly
- » No EX requirements
- » Freezeproof
- » Natural refrigerant
- » Stepless regulation
- » Flexible mounting

Features

- » Control system with touch display
- » Small refrigerant charge
- » Corrosion-free system
- » Freq. controlled compressor
- » CO₂ gas detector/alarm system
- » Remote control via the internet
- » Few movable parts

Options

- » Freq. controlled gas-cooler pump
- » Freq. controlled evaporator pump
- » Temperature logging
- » Voltage 3x230V
- » Water manifold system
- » Valve control of water valve
- » Emergency ventilation
- » Power management system