



Dometic VARC chiller (front)

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Dometic: Answers Demand for Quiet and Efficient Systems with Launch of Varc72 Variable Capacity Chiller

Seawork International 2016, Mayflower Park, Southampton, 14th to 16th June, Stand PG90

Satisfying the demand for more efficient, more cost effective and quieter

systems, Dometic is launching a new larger version of its innovative VARC variable capacity chiller at this year's Seawork International.

The Dometic VARC chillers reduce energy costs for boat owners and the size of generator needed on-board by providing just the right amount of needed cooling or heating.

Following the introduction of the award-winning VARC48 chiller, Dometic has now expanded the product range with the introduction of the VARC72 model to meet the cooling and heating requirements of a range of workboats and other commercial vessels.

Innovative technology enables the chillers to continually adjust to meet load demands, operating smoothly, steadily and quietly, and maintaining a more constant load on the generator. Instead of turning on and off to maintain temperature, it speeds up or slows down as needed to produce more or fewer BTUs. Also, there is no in-rush of current when starting, reducing demand on the entire electrical system.

Steve Morris, Director of MAOE Sales, UK, Dometic, said: "Noise reduction and energy efficiency are two big concerns, which is why we feel our variable speed compressor chillers are a significant advancement. The design and engineering of the VARC48 and 72 offer our customers significant benefits in terms of efficiency and cost savings compared to other chillers. The VARC is smoother, quieter and more efficient, modulating its speed to meet thermal load demand and reducing electrical load fluctuations. Boat owners will find that with the VARC chillers, they use less power, require a smaller generator and have reduced maintenance on their electrical systems due to fewer starts and stops."

The VARC48 and 72 have a compact footprint and feature an innovative plumbing design to improve ease and flexibility of installation and maintenance. An optional high-resolution colour touchscreen provides users with a dynamic interface, system metrics and control.

VARC chillers feature dual frequency so the system will still work when travelling between Europe and the Caribbean, for example. The VARC also has three operating modes – Econo, Standard and Boost – which provides even more efficiencies for boat owners.

The Dometic VARC uses an Electronic Expansion Valve (EEV) for precise control of superheat and also supports Dometic's optional Smart Touch Integrated Intelligence Control (STIIC) software which allows boat owners to monitor and troubleshoot their Dometic equipment on-board from anywhere in the world.

Dometic is also highlighting the following products at Seawork:

- **Sea Xchange CX watermaker**

The new fully automatic Dometic Sea Xchange CX watermaker is a high-capacity unit built for extreme offshore conditions. It can produce potable water for a wide range of commercial applications, including on offshore platforms, floating production storage and offloading (FPSO) facilities, workboats, military vessels and island resorts.

- **Dometic Ship-Wide Ventilation**

Dometic's Ship-Wide Ventilation product range is designed to improve safety, extend engine life, and optimise performance and efficiency for a range of boats. The marine engine room ventilation systems and components, including mist eliminators, dampers, fans and actuators, help to reduce the risk of over-heating of machinery which can result in fires or cause components to fail.

The equipment is suitable for yachts, superyachts, ferries, military vessels and a range of other commercial boats, with Dometic experts delivering custom solutions for boat builders and owners.

For more information about the Dometic products, please visit Stand PG90 at this year's Seawork International.

For further information, please contact:

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Dometic is a global market leader in branded solutions for mobile living in

the areas of Climate, Hygiene & Sanitation and Food & Beverage. Dometic operates in the Americas, EMEA and Asia Pacific, providing mobile comfort for the Recreational Vehicles (RV), Commercial and Passenger Vehicles (CPV) and Pleasure Boats (Marine) markets. Dometic offer products and solutions that enrich people's experiences away from home, whether in a motorhome, caravan, boat or a truck. Our mission is to create smart and reliable products with outstanding design. Our products are sold in approximately 100 countries and manufactured in 22 production facilities worldwide. We have a global distribution and dealer network in place to service the aftermarket. Dometic employs 6,750 people worldwide, had net sales of SEK 11,486m in 2015 and is headquartered in Solna, Sweden.