



Dometic Titan Chiller

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Dometic: Introduces New Titan Chiller Featuring Titanium Tube Condenser

Leader in water-cooled technology ensures chiller longevity for the future with revolutionary robust system which is virtually immune to erosion and corrosion

Leader in water-cooled technology Dometic is introducing the new Titan Chiller with revolutionary titanium tube condenser.

The Dometic Titan Chiller features condenser coils made of industrial-grade titanium which makes the units virtually immune to erosion and corrosion.

Designed to meet the stringent requirements for commercial, military and superyacht vessels, the durable Titan chiller is much easier to maintain as it can resist marine corrosion and also withstand the cleaning methods which are often used to keep invasive marine life out of the chiller's plumbing. It is therefore particularly valuable for use in regions where extensive debris in the water requires frequent cleaning of the tubes using harsh chemicals or high water velocity which can rapidly erode the condensers.

Dometic engineers have created the superior chiller by developing an innovative patent-pending method which enables the difficult connection between the titanium inner tube and the exterior tube.

Steve Morris, Director EMEA – Technical and Sales Application Division, Dometic, said: “As an industry leader in water-cooled condenser technology, we are aware that aggressive corrosion in certain regions of the world is adversely affecting the standard 90/10 cupronickel condensers that have been used for the past 50 years. To ensure our air conditioning systems feature the same longevity to last for the next half century, we have taken the opportunity to completely re-engineer this aspect of our systems.

“Titanium is a very strong material that does not erode easily and therefore makes robust and long-lasting condenser tubes for vessel chillers. Although cupronickel is currently still appropriate in smaller duty self-contained and split gas systems, our capability to use titanium represents a fundamental shift that will have a huge impact on the way future chillers are designed and manufactured. The Titan sets the standard for corrosion-resistant design and provides peace of mind for commercial operators making a significant investment in their chiller system.

“It is also important to stress that, while chemical cleaning plays a key role in system performance, it is critical for the boat owner or maintenance company to ensure they are using the correct chemicals and concentration of chemicals with no ‘over-flushing’. We found in our own independent chemical report that over concentration or incorrect chemical agents significantly contributes to the corrosive effect on cupronickel pipework.”

The Titan Chiller is covered under a Dometic five-year manufacturer's warranty.

To view a video of the unit, click <https://youtu.be/S3PAEtXF05s>.

The new Dometic Titan Chiller will be introduced at this year's Seawork International in Southampton from 14th to 16th June. For more information about the Titan Chiller and additional Dometic products including the new fully-automatic Dometic Sea Xchange CX Watermaker, the VARC48 and VARC72 variable capacity chiller models and Dometic's Ship-Wide Ventilation product range, please visit Stand PG90.

Find Dometic on Twitter @DometicMarine, on Facebook at www.facebook.com/dometicmarine and on YouTube at <http://www.youtube.com/dometicmarine>.

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