

Case Study

COLLABORATION WITH GRIFFON HOVERWORK ON JAPAN PROJECT

We are proud to once again be working collaboratively with Griffon Hoverwork on a project to supply three 12000TD craft to Japan with power generation and climate control solutions.



Our range of market leading generators and air conditioning systems from Dometic were selected for this bespoke project.

A specialised approach was required using a vehicle type Panda 15 Mini PVMV-N 12kW/15kVA 120v 60Hz generator. A standard water-cooled marine generator was not suitable for this application - a hovercraft with no water intake - so the Panda 15 Mini generator was marinised to meet the demands of this system design.

Dometic is a long standing, trusted partner of Fischer Panda UK in the marine sector and the onboard climate control of the 23.7m long craft included seven Dometic Brisk II Evolution 15k units installed on each craft. The rooftop mounted reverse cycle units allowed Griffon to maximise on internal space and benefit from a simple installation process to provide both heating and cooling solutions for each of the craft.

“Griffon Hoverwork has used Dometic Air Conditioning units and Fischer Panda generators on our hovercraft for many years and are pleased to maintain our relationship on the Oita 12000TD project.”

Mark Downer, Griffon’s Engineering Director



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The HVAC system was designed to enhance the passenger experience of those on board the hovercraft which replaces an old ferry service linking Oita airport to the city, where temperatures can be hot and humid in the height of summer, but reach lows of -7C in the winter months.

It was important for Griffon to work with a trusted, knowledgeable and local partner who could offer the most efficient and reliable technology for this high value project. Having worked with Griffon on other projects throughout their business relationship, Griffon approached Fischer Panda UK to discuss the specifications for this application.

With technical expertise and an innovative systems approach, Fischer Panda UK worked on this specialist system design supported by partners such as Dometic. Liaising closely with Griffon to meet the needs of this unique craft, Fischer Panda UK were able to fulfil the specialised demands of the project. Griffon anticipates that all the craft will be delivered to Japan by January 2024.



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