



Fischer Panda 's market leading generators

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Fischer Panda UK Supplies Power and Climate Control Solutions for £25m Japanese Griffon Hovercraft Project

Leading supplier of onboard power and HVAC solutions, Fischer Panda UK, is 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.

Fischer Panda UK's range of market leading generators and air conditioning systems from Dometic were selected for the project. A specialised approach

was required for power generation 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 being 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 and the onboard climate control of the 23.7m long craft included seven Dometic Brisk II Evolution 15k units installed on each craft. 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. 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.

Chris Fower, Sales and Marketing Director at Fischer Panda UK commented; “We are delighted to be working with British manufacturer, Griffon, again on supplying and installing an onboard system solution for this vital passenger service project for the people and visitors of Oita in Japan. 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. This was a very specialist system design and involved working closely with Griffon to meet the needs of this unique craft along with expertise in system solutions from our partners such as Dometic.”

Griffon anticipates that all craft will be delivered by January 2024 and Mark Downer, Griffon’s Engineering Director commented on why they chose to work with Fischer Panda UK on the project; “Griffon Hoverwork has used Dometic air conditioning units and Fischer Panda diesel generators on our hovercraft for many years and are pleased to maintain our relationship on the Oita 12000TD project.”

Visit www.fischerpanda.co.uk for more information about Fischer Panda’s range of power systems and Dometic’s climate control solutions as well as other products.

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About Fischer Panda UK

Fischer Panda UK Ltd offers full-system design capability, servicing and aftercare as a leading distributor of diesel generators and a major supplier of the latest technology in air-conditioning systems, hybrid electric propulsion systems, integrated mobile power solutions and watermakers for a variety of commercial and leisure vessels.

Renowned worldwide as innovative, reliable and extremely quiet, the extensive Fischer Panda range of compact diesel generators includes its next generation highly efficient and powerful variable speed iSeries-Generators. Fischer Panda generators from the Panda 4000s Neo up to the next

generation iSeries Panda 45i genset have passed type approval by members of the IACS (International Association of Classification Societies) board.

Other world-class products from Fischer Panda UK include desalination systems from Sea Recovery, HRO, and Village Marine, with models suitable for day-boats to warships and offshore platforms, plus air-conditioning systems from leading marine HVAC supplier Dometic, CZone digital switching and Mastervolt power solutions.

Fischer Panda UK is ISO UKAS 9000/1 accredited and operates from a purpose built 9,000 sq. ft facility in Verwood, Dorset. Its experienced engineers, sales and operational staff work with OEMs to develop integrated systems for custom vessels and offer specialist technical support and on-going aftercare to its customers.

Also active in the military and automotive sectors, the company works with UK MOD and other armies around the world providing solutions for specialist vehicle and land-based applications. Two thirds of Formula 1 mobile truck units install Fischer Panda generators, as do the BBC, Sky and many other mobile broadcasting vehicles.

Operating since 1977, Fischer Panda GmbH is headquartered in Paderborn, Germany. The Fischer Panda team covers more than 500 technicians and partners in over 90 countries worldwide.