



Fischer Panda UK installed the Parker Hannifin H2O ECO watermaker in a seat locker onboard 50ft sailing yacht Nimble Ape II

May 31, 2022 09:00 BST

Fischer Panda UK Announces First Installation of New Energy Recovery Watermaker

Fischer Panda UK is reporting positive results after completing the first ever customer installation and onboard test of its new low-energy H2O ECO watermaker – the market's most power-efficient reverse osmosis water desalination system.

The first unit sold by Fischer Panda UK has been [fitted on a 50ft sailing yacht](#) in Dorset, UK, for owners requiring a low-power, high output DC automated

watermaker for reliable potable water production when cruising anywhere in the world.



[Watch video on YouTube here](#)

Following installation and commission of the Parker Hannifin 12V 400 GPD H2O ECO model by Fischer Panda UK, the first operational tests produced approximately 18 gallons per hour at 240 Watts.

Incorporating patent pending energy recovery technology, the [H2O ECO](#) provides up to 14.2% more power efficiency compared to other leading watermaker brands, drawing just 1 Amp for approximately 3 litres of water production.

System integrators Fischer Panda UK predict the watermaker series will quickly become the market leader, with power conscious OEMs and sailboat owners increasingly selective about specifying onboard equipment to limit energy use.

Chris Fower, Sales and Marketing Director, Fischer Panda UK, said: “We are delighted to install the first of these game-changing watermakers. Designed by the experts at Parker, a huge corporation that produces high-quality reverse osmosis systems for a range of applications, the H2O ECO will fast become a market leader for low energy DC automated systems. We are confident that this efficient model will enable many more of our customers to install a unit onboard, when previously it would not have been possible due

to limited power options.

“Initial results of the high output of water production and smooth operation reported by the sailing yacht owners are extremely positive. They have commented on the low power consumption, which enables them to manage the running of the watermaker so that it doesn’t drain the batteries. The unit will enable them to cruise widely without the worry of running out of potable water.”

The 57kg H2O ECO, measuring 283mm (h) x 487mm (l) x 627mm (w), was installed on the Jeanneau 509 yacht in Portland Marina in the chart station seat locker. A remote switch was fitted nearby for easy one-touch operation, with daily access to the unit unnecessary.

Owner Chris Stanham said: “We were looking for a compact, reliable watermaker, capable of producing potable water from any ocean around the world. The H2O ECO was recommended by Fischer Panda UK, who we have previously used for other onboard systems, and is the perfect solution for us, due to the power saving, small footprint, automatic operation and easy maintenance. We do not even miss the space it has taken up as it fits perfectly in a cabin seat storage area.

“After testing the unit, we were impressed by the quiet and smooth running. It is also evident that it draws very little power while running. The reduced power consumption means we fully anticipate keeping our water tank topped up while cruising, using green energy produced by our solar panels, wind-charger and hydro generator, without the need to run the engine or generator for long periods.”

The H2O ECO is engineered for small to mid-size sail boats and catamarans that have limited power options, providing reliable production of 400 or 600 gallons per day (GPD) of safe water for drinking and cooking.

It is specifically designed for leisure marine applications and works with AC or DC power, ensuring the watermaker is ideal for boat owners who do not have a generator onboard.

Both the H2O ECO models have leading levels of low power consumption. The 12V/24V 400 GPD unit produces 17 gallons / 63 litres per hour (LPH) of

potable water at 240 Watts, while, for boaters requiring higher capacity, the 600 GPD version produces 25 gallons / 95 litres per hour at 437 Watts.

View the video of the installation on YouTube [here](#). For more information and technical details, visit the Fischer Panda UK [website](#).

Ends

For further information, please contact:

Chris Fower

Fischer Panda UK

+44 (0)1202 820840

chris.fower@fischerpanda.co.uk

www.fischerpanda.co.uk

Jules Riegal

Saltwater Stone

+44 (0) 1202 669244

j.riegal@saltwater-stone.com

www.saltwater-stone.com

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.