

Hot Topics



QUARTERLY NEWS ABOUT EVERYTHING NAVIEN

Navien ends 2022 with a big win!

Navien's powerful combi crossover, the NCB700 ON gas boiler, has been declared 'Domestic Heating Product of the Year' at the inaugural Energy Saving Awards.

The awards ceremony took place at London's Tower Hotel on 1st December 2022. A huge number of industry professionals attended the event, which was hosted by comedian Marcus Brigstocke. Navien's game-

changing combi boiler impressed the judges and voters alike with its energy efficiency credentials, as it uses 38% less gas than a standard combi boiler – as well as help save 7,787 litres of water per year.



Navien
NCB700 ON Domestic Heating
Product of The Year
WINNER



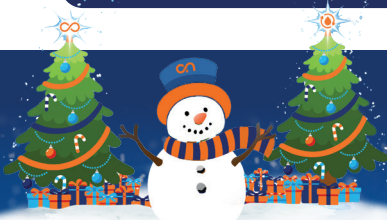
2022

Looking back at a fantastic 12 months of putting hot water first!

2022 was undoubtedly an amazing year for Navien. In this edition of our newsletter, we take a look back at some of the highlights from the last 12 months.



Season's Greetings
from Navien



Making an impact with the powerful combi crossover

The highlight of 2022 was undoubtedly the launch of our new range of NCB boilers. Comprising the game-changing NCB700 ON, NCB500 ON and NCB300, Navien successfully introduced the first product of its type capable of delivering hot water for up to three showers simultaneously.

A change in traditional thinking

Shattering all preconceptions of a combi boiler's suitability for large properties, the NCB700 ON cleverly maximises recirculation of domestic hot water (DHW) in applications to significantly reduce water wastage and offer flow rates up to an industry-leading 22 litres per minute (at 35°C temperature rise).

The new boiler features an outstanding turndown ratio of 15:1, is 20% blend hydrogen-ready and can also achieve ErP A+ when used with Navien's Smart Plus controller. It is available in two models capable of delivering up to 41kW and 54kW of hot water respectively, with each featuring a high quality and durable, ASME-certified stainless steel heat exchanger, ensuring a long lifespan, alongside exceptional levels of reliability and performance.

The latest in boiler technology

By utilising a state-of-the-art flow adjustment valve and auto mixing valve, the NCB700 ON is able to provide lashings of hot water to three showers or baths at the same time, with no changes in DHW temperature or flow rate. Plus, a built-in recirculation pump helps ensure hot water is supplied to taps faster than if using a traditional cylinder. This can be used in conjunction with the NaviCirc™ recirculation valve, which makes it even easier to set up a secondary hot water return system.

Elsewhere in the range, the NCB500 ON and NCB300 can both fit inside a cupboard with ease due to a compact 280mm depth. Both models can achieve hot water outputs of up to 41kW while achieving an industry-leading ErP efficiency of 93%.



Thanks to Navien's state-of-the-art flow adjustment valve and auto mixing valve, the NCB500 is able to provide plenty of hot water, with no changes in DHW temperature or flow rate. The boiler also boasts a built-in, text-driven digital display panel; simple to program and use, it includes a two-channel timer and allows end users to monitor their energy usage with ease. There is also a set-up wizard to aid installers. The NCB500 is available in outputs of either 37kW or 41kW respectively and also benefits from a NaviFill keyless filling link; as no key or hose is required, repressurising the heating system is easy for installers and homeowners alike.

The NCB300 is a pared down version of its larger cousins, but still achieves exceptional levels of hot water performance, due to its high-quality construction and high-tech components. There are three sizes of NCB300 available, with DHW outputs of 28kW, 37kW and 41kW to choose from, plus each unit benefits from an LCD control panel for comprehensive management of heating and hot water temperatures.

Fully future-proofed

All new NCB boilers are hydrogen-ready, enabling them to operate using a blend of 20% hydrogen and 80% natural gas. In addition, the new products are designed to be fitted and used in conjunction with Navien's Smart Plus control pack; doing so increases their overall efficiency to an industry leading A+ ErP energy rating.



Discover the wonders of **on** technology

Have you ever wondered how Navien's leading NCB700 ON and NCB500 ON gas boilers got their names? The answer is 'Navien ON' – an advanced new technological concept dedicated to putting hot water first.

Navien's energy-saving boiler technology cleverly maximises recirculation of domestic hot water (DHW) while significantly reducing water wastage. Inspired by the infinity symbol and its similarity to the letters 'O' and 'N', the company created 'Navien ON'. This reflects the boilers' ability to deliver rapid hot water, constant temperatures and hot water for up to three showers at once.

Navien ON presents a change in traditional thinking, helping eliminate any delays in hot water delivery, whatever the time of day. This revolutionary new concept allows washing up and multiple showers to take place simultaneously, with no changes in hot water temperature or comfort.



UP TO 3X SHOWERS AT ONCE

RAPID HOT WATER

HOT WATER COMFORT



12 YEARS

H₂ 20%

NCB700 On NCB500 On

Under the influence

The new NCB700 ON boiler has already proven popular with a number of big names throughout the sector. Professionals including James Lawrence, Andy Cam, Fraser Hoehle, Luke Loving-Price and Allen Hart have all posted videos on their social media channels praising how the powerful combi crossover, while demonstrating its hot water performance alongside unrivalled the functionality and benefits of the NaviCirc™ recirculation valve.

Head over to our social media pages to see (and hear) what these industry stalwarts had to say!



The main attraction: Navien excels as the star of the shows

2022 also saw Navien enjoy two successful exhibitions, with the company showcasing its portfolio of high efficiency heating and hot water products at InstallerSHOW at Birmingham's NEC, before officially launching the NCB ON at an exclusive event at Old Trafford, which coincided with PHEX Manchester.

The launch event saw key players from throughout the industry, from merchants to installers and contractors, gathered to discover all there is to know about the new NCB ON boilers, while enjoying refreshments and entertainment.



The future of oil is HVO

This year, it was announced that Navien's industry-leading LCB700 Blue Flame boilers are all compatible with Hydrotreated Vegetable Oil (HVO), in line with the government's decarbonisation targets. Our LCB700 Blue Flame boilers can be easily modified to burn HVO simply by installing different nozzles. This will have no impact on performance, as HVO can provide CO2 savings of 88%, as well as reduce NOx emissions – making the LCB700 the only domestic oil boiler capable of achieving an ErP A+ energy rating.

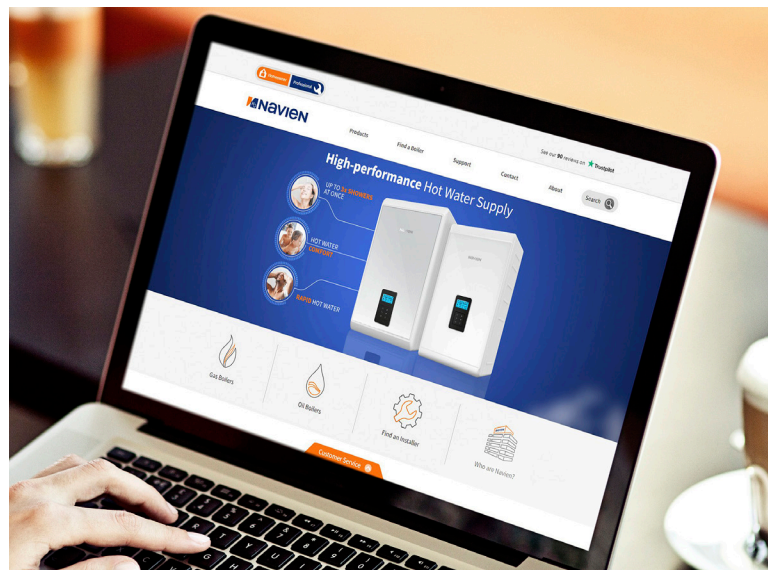
Improved resources for our installers and customers

In addition to our range of combi crossover boilers, we also successfully launched the brand-new Navien website, which now contains comprehensive details about all our high efficiency heating and hot water products.

The site can be viewed at www.navien.co.uk and boasts dedicated areas for heating industry professionals and end users, not to mention essential product literature, news, downloads and technical support, as well as a dedicated training portal.

Elsewhere, the new 'Navi-Van' hit the road. Our state-of-the-art display and mobile training vehicle allows us to take our products out on the road directly to installers and merchants alike.

This was followed by the Navien Smart Service Toolkit being unveiled later in the year. This device accurately monitors and diagnoses customers' NCB700 ON, NCB500 ON and NCB300 gas boilers and LCB700 Blue Flame oil boilers based on live data, simplifying servicing and maintenance.



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