

Sustainable HVAC in Action: Panasonic Powers Pitkin & Ruddock's New Flagship Building





Bury St Edmunds. UK

2025

Outdoor units:

Indoor units: 2 x Panasonic 3-pipe ECOi EC MF3 VRF units, 1 x Aquarea air to water heat pump, heat recovery systems, 1 x twin split AC system with nanoe XTM technology

Control:

Pitkin & Ruddock

HVAC installer, Pitkin & Ruddock has taken a bold step towards long-term sustainability and growth with its new flagship HQ in Bury St Edmunds, equipped with a cutting-edge, integrated Panasonic solution. The Bob Ruddock Centre is a purpose-built site, housing the firms' technical sales, engineering, senior management, service centre and a new dedicated training academy across 5.500sqft.

Challenge

Pitkin & Ruddock wanted to find a cutting-edge solution for long-term sustainability and growth with its new flagship HQ in Bury St Edmunds. The building was designed during COVID-19, therefore indoor air quality was a central concern.

Solutions & Tech Applied

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Panasonic Technology at the Core Designed by Rees Pryer Architects, the two-storey facility represents a commitment to employee wellbeing, sustainability and training the next generation of refrigeration and air conditioning engineers. The Panasonic units specified for the project features two x Panasonic 3-pipe ECOi EC MF3 VRF units, an Aquarea air to water heat pump for domestic hot water, heat recovery systems for both floors plus a twin split AC system utilising a combination of

compact and standard cassettes units with nanoe X™ technology. The Panasonic systems were deemed the best solution to ensure the system was sustainable and energy efficient. “Panasonic was our first choice,” says Damian Nunn - Managing Director. “We know the systems, we trust the technology and they align with our goals around sustainability and reliability.”

Built During the Pandemic, Designed for the Future The building was designed during COVID-19, therefore indoor air quality was a central concern. Panasonic’s nanoe™ X technology, standard in the installed cassettes, uses the natural occurring hydroxyl radicals to inhibit certain pollutants, allergens, and viruses in supporting healthier air indoors.

Training the Next Generation Pitkin & Ruddock has worked with Panasonic since 2017. As Elite Pro Partners, all of their installers are trained on Panasonic systems and as a result they can offer customers an extended seven-year warranty on Panasonic units. Moreso, looking to upskill the next generation of installers, the team are now able to offer training for apprentices in their new onsite training academy. Pitkin & Ruddock is investing in the future of the refrigeration and air conditioning industry, providing structured training on Panasonic systems to apprentices and upskilling existing installers. “We plan to be in this business long term,” adds Damian Nunn. “That means partnering with brands that offer the same vision - and Panasonic has delivered every step of the way.”

For more information visit <https://www.aircon.panasonic.eu> or visit <https://pitkin-ruddock.co.uk/> , <https://www.reespryer.co.uk/>

Key Tech Features

“Air quality matters. With nanoe™ X technology, we didn’t need an extra system, it was built into the units,” Damian Nunn explains. The Panasonic ECOi EX MF3 Series supports simultaneous heating and cooling across zones, with up to 39 connected indoor units, and achieves a SCOP of 4.77 (8HP outdoor unit, LOT21 seasonal heating). This makes it one of the most efficient commercial VRF systems currently available.