

PREFABRICATED SOLUTION FOR ST SAVIOURS SCHOOL

Potterton Commercial's prefabricated heating solution, the Paraskid, has been installed at St Saviours School in Ealing as part of a refurbishment programme which needed to be completed within the school holidays.

When consultants CAPITA Symonds specified the new heating system for the school, the company was instructed that all work had to be completed during the break to ensure as little disruption to students as possible. Understanding that a conventional floor standing boiler couldn't be installed within this timescale, senior mechanical engineer Tim Spencer looked for a prefabricated solution.

Tim Spencer said: "St Saviour's School had a very tight refurbishment programme, so the prefabricated Paraskid was chosen because we knew that we could have it delivered to site and installed quickly. In fact it was delivered directly onto the playground and moved straight into the boiler room.

"This was the first time I had specified a Paraskid and the installation, which was carried out by our contractors, was very smooth and simple. The school was very short on storage space, so when we took out the four floor standing boilers and replaced them with the Paraskid the teachers were pleased to have half the room back. The existing boiler room will now be divided in two to create an extra storage area."

The Paraskid is a skid mounted package which contains all of the components needed for a 'simply connect up heating and hot water' condensing boiler plant solution. At the heart of the Paraskid is the Potterton Commercial Paramount two wall hung condensing boiler, of which the 60kW and 80kW models are used in a modular format to give three output options of 120kW, 160kW and 240kW.

Designed to meet the demands of both new build and refurbishment projects, the Paraskid is also the first prefabricated boiler plant to offer two options – a heating solution and a heating and hot water solution, which combines the Paramount with a Heatrae Sadia Megaflo HE hot water storage heater cylinder. These two options, combined with the range of outputs available, give customers a comprehensive choice of Paraskid plant, making it the most versatile totally prefabricated solution on the market.

Richard Walker, national sales and marketing manager, said: "The key issue to be considered when commissioning and installing heating systems for schools is the time sensitivity of much of the work. Generally, refurbishment work can be completed within the school holiday breaks, however this puts tremendous pressure on local authorities and their contractors to meet multiple, simultaneous commissioning and completion deadlines.

"To reduce installation time and costs, specifiers are increasingly looking towards prefabricated heating plant such as the Paraskid for a versatile solution. Every one of our Paraskid prefabricated packages is made to order, so specifiers can choose the plant which is an exact match for the requirements of the building."

Incorporating a state of the art self regulating pump system and integral bypass, the innovative design of the Paraskid means that it can be utilised on systems with external flow reducing devices, reducing the need and therefore installation costs associated with low loss header systems and secondary pumps. This in turn enables the Paraskid to maximise the use of low system return temperatures, allowing the Paramount boilers to operate at optimum condensing efficiency, and ultimately reducing energy costs.

The control system also incorporates time control, including optimum start and direct weather compensation, and is designed to make boiler plant operation simple and effective, ensuring that the Paraskid complies with Part L2 of the building regulations. Available with versatile flue options, which allow for conventional and balanced flue arrangements, the Paraskid also incorporates a condensate neutralising unit to enable ease of discharge and disposal of condensate.

The Paraskid can be ordered by contacting the Potterton Commercial sales team on 08706 050607 or for further information visit www.pottertoncommercial.co.uk.

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