

Fiserv (Europe) Ltd

Uxbridge, UK



Utilising latest developments in chiller technology delivers energy savings and ongoing cost reductions for Fiserv

Fiserv, Inc. (NASDAQ: FISV) provides information management and electronic commerce services such as transaction processing, electronic billing and payments, and business process outsourcing for banks, lenders, credit unions, insurance firms, merchants, government agencies, and leasing companies.

Fiserv operates in two primary business segments – financial institution services and payments and industry products – primarily in the US market with overseas representation in 20 additional countries around the world.

In the UK, Fiserv occupies a modern office building located in Stockley Park, Uxbridge, which provides almost 38,000 square feet (3,530 m²) of floor space. This building was built in 1986 and Fiserv has been based there since 2001.

The comfort cooling in the UK headquarters is provided by air handling units and fan coils, with the chilled water supply coming from a single packaged air cooled chiller located at roof level. Due to ongoing issues with its existing chiller, Fiserv decided to invest in a replacement chiller, and following a process of competitive tender Johnson Controls were selected to provide a turnkey solution.

Challenges

- ▶ The existing chiller had proved unreliable over the previous 3 years of operation with frequent refrigerant leaks resulting in ineffective air-conditioning for the building.

Solution

- ▶ Johnson Controls developed a turnkey solution centred around their highly energy efficient YORK® Tempo (YLAA) air cooled liquid chiller.
- ▶ Johnson Controls demonstrated that the YORK® Tempo unit offered superior performance and energy efficiency over similar units from other manufacturers.
- ▶ Johnson Controls on-site survey revealed an improper maintenance regime had led to premature demise of the existing chiller and their bespoke solution included a comprehensive 5 year maintenance scheme.



Johnson Controls provided a complete replacement service removing the existing chiller before delivering, installing and commissioning the new chiller, as well as providing ongoing preventative maintenance.



Installing and commissioning the new chiller took place over a weekend to minimise disruption to the indoor environment for Fiserv's employees.

Benefits

- ▶ Johnson Controls' full-service offering which includes expertise in energy efficiency, HVAC products, project management and installation and maintenance services enabled Fiserv to use one supplier for the complete project.
- ▶ By selecting the YORK® Tempo, Fiserv benefited from class-leading technologies, a compact footprint and superior energy efficiency; all of which optimise the total cost of ownership.
- ▶ The YORK® Tempo range of chillers use HFC 410A refrigerant which has zero Ozone Depleting Potential and uses up to 50% less refrigerant charge than comparable chillers.

Results

- ▶ The new YORK® Tempo was installed and commissioned within three days of delivery to site.
- ▶ With the YORK® Tempo running at part load for the majority of its operational life, significant energy savings were delivered to Fiserv, thanks in part to its Eurovent A class1 efficiency.
- ▶ The YORK® Tempo is offers superior attenuation with a sound level as low as 54 dB(A) at 10 metres.

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