



Marston's adds Mitsubishi Electric to its refurbished headquarters

Marston's, one of the UK's leading pub retailers and brewers, has installed brand new energy efficient air-conditioning and ventilation systems, as part of the complete refurbishment of its headquarters in Wolverhampton.

Wolverhampton has been home to the business for over 140 years, but in 2015 the company started a full refurbishment of the main office site to create a new, exciting and fresh working environment.

A complete upgrade of the existing air-conditioning systems was required due to the building's age and restrictions.



Air Conditioning | Heating
Ventilation | Controls

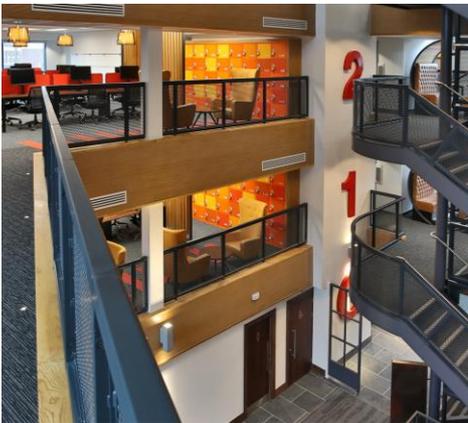


Air Conditioning

Case Study

Marston's Headquarters
Wolverhampton

Making a
World of
Difference



Situation

Over the years equipment had aged and was proving very costly to run. There were R22 and R407C systems on site which needed to be replaced so it made sense to remove it all and start from the beginning.

The newly refurbished offices now sit on each side of a glass atrium providing an up to date and attractive space for the people to work in. The introduction of the new air-conditioning, heating and ventilation system needed to be in keeping with the new building, providing a comfortable ambient working environment for the staff.

Solution

Being an old building the ceiling heights were not generous and as a result one of the main challenges was finding the right equipment, which provided an efficient solution but which also fitted the space available.

City Multi VRF air conditioning was chosen, utilising an ultra-thin ceiling concealed ducted indoor unit, particularly suitable for places where low noise operation is desired. Additional heat recovery is also provided via a Lossnay mechanical ventilation system, which reduces the overall energy costs by extracting stale air and then recovering the heating or cooling energy to either warm or cool the incoming fresh air.

Servicing of the systems has also been addressed by introducing specially adapted service doors located in the ceiling grid system for ease of access without the need for removing the ceiling tiles.

The entire system is controlled floor by floor through the Mitsubishi Electric intelligent AE200 centralised controller, which has the capacity to monitor and control up to 200 indoor units.

Marston's now has a headquarters building to be proud of, which has a heating, cooling and ventilation system that not only compliments the building, but also has energy efficiency at its heart.

Installation Summary

City Multi VRF air conditioning using ultra-thin ceiling concealed ducted indoor units.

Lossnay Mechanical Ventilation with Heat Recovery units.

An AE200 centralised controller .



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