



Yorkshire Building Society commits to efficiency

Yorkshire Building Society is one of the UK's largest and most successful building societies and aims to be the most trusted provider of financial services in the UK.

This commitment stretches throughout their branch network and defines the way they do business, so when a branch is being upgraded YBS expects the same level of service from its suppliers.

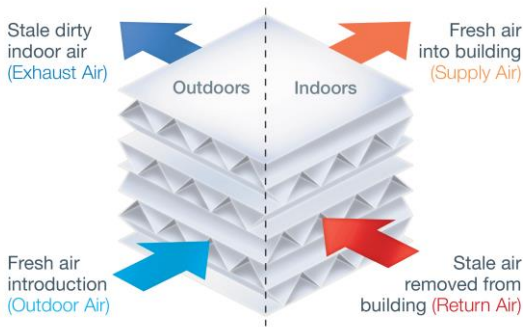
This was apparent in the recent upgrade of the air conditioning system at their Howard House branch in Bradford where a brand new Mitsubishi Electric solution has been installed



Air Conditioning | Heating
Ventilation | Controls



Ventilation



At the heart of the Lossnay Kanzen air handling unit is the unique paper core which captures energy from stale, outgoing air to increase overall efficiency.

Installation Summary

Mitsubishi Electric Kanzen LK500 AHU linked to Mr Slim Power Inverter condensing unit

Mitsubishi Electric R2 Heat Recovery VRF system connected to cassettes, ducted fancoils and recessed Warm Air Curtain

Equipment installed and commissioned by Mitsubishi Electric Business Solution Partner, Robinson Mechanical, Electrical & Air Conditioning

Case Study

Yorkshire Building Society,
Bradford

Making a
World of
Difference

Assistant Engineering Manager for YBS, John Singleton says: "The existing system had been in use for over 25 years and was now inefficient to run. It also used R22 refrigerant and since this can no longer be used for service and maintenance it has been difficult to maintain the equipment".

The combination of these two issues meant it was time for an upgrade and as the branch was due for a refurbishment, we decided to replace all the mechanical services at the same time."

Howard House now benefits from a Mitsubishi Electric Lossnay Kanzen Air Handling Unit that delivers a complete solution comprising outdoor heat pumps, on-board controls and heat recovery as an integral part of the overall package.

Lossnay Kanzen has been developed so that the five sizes of units offer a complete package that bridges the gap between standard and bespoke solutions for AHUs. Control equipment is included as standard in the manufacture of the AHU, which means faster installation and shorter commissioning time.

John says: "This is the first time that YBS has specified this technology but having seen it in use at the manufacturer's HQ in Hatfield it was obvious that this solution would suit our requirements.

"Instead of three air handling units on the roof, each with low-temperature hot water coils from the gas-fired heating system, we now have one AHU which has removed the load from the existing boiler system.

"This is programmed to work together with the Mitsubishi Electric VRF system which has been installed for comfort cooling and heating to deliver the optimal level of performance in the branch."

Yorkshire Building Society's new solution will deliver comfort and energy efficiency in the branch which will lead to a substantial reduction in energy usage and the costs associated with it.



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