



Matalan heads for the High Street to offer comfort with energy efficiency

Family retailer Matalan, famous for its out of town stores, has opened its first central London high street store on the Capital's famous Oxford Street.

One of the biggest challenges for Matalan was waiting for the right store in this prestigious area to become vacant; but once it did the company was keen to move quickly with a full refurbishment in time for the grand opening.

Providing a comfortable shopping experience combined with an energy efficient building led Matalan to select Mitsubishi Electric.



Air Conditioning | Heating
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Air Conditioning

Case Study

Matalan
Oxford Street, London

Making a
World of
Difference



City Multi units sit discretely on a roof outside the building and can connect to up to 50 individual outdoor units to deliver simultaneous heating and cooling.

The system offers a substantial increase in seasonal energy efficiency, low running costs and reduced CO₂ emissions all of which contribute to the efficiency

Installation Summary

City Multi heat recovery air conditioning offers a substantial increase in seasonal energy efficiency, low running costs and reduced CO₂ emissions all of which contribute to the efficiency improvements Matalan were eager to achieve.

Opened in June 2015 by international fashion designer Julien Macdonald who has a range of clothes and nightwear at Matalan, the three storey outlet signals a major change in direction for Matalan.

The Oxford Street store is one of Matalan's smallest at 16,000 sq ft compared with an average of 25,000 sq ft for its out of town locations. But it by no means lacks significance and as it jostles for position among other big names it could pave the way for more high street stores from the low cost clothing chain.

The store now benefits from a City Multi heat recovery air conditioning system which is more suitable for this type of building than a traditional Air Handling Unit (AHU). The technology offers a substantial increase in seasonal energy efficiency, low running costs and reduced CO₂ emissions all of which contribute to the efficiency improvements Matalan were eager to achieve.

The major benefit of City Multi is that it provides the perfect ambient temperatures within the store in the most energy efficient manner. By distributing surplus heat from cooling operations (and vice versa) to areas where it is needed it allows for simultaneous heating and cooling in different areas of the building.

This alone can result in energy savings of up to 30% over conventional systems and the addition of an advanced centralised controller ensures total efficiency due to its energy monitoring and control functions.

"The decision to open on the high street rather than in our traditional retail park location has not been without its challenges but that is something which we have embraced to achieve our goal", says Neil Hambleton, Matalan's Construction Projects Manager.

"The fact that the site was in one of London's busiest areas provided an additional challenge but despite all of this we now have a store which we can be proud of. As well as being the first of its type for Matalan, it also boasts some of the latest air conditioning technology that allows us to achieve our objective for a comfortable but energy efficient shopping environment."

With the opening of their first London High Street store complete, Matalan can now look forward to an energy efficient future in one of London's busiest shopping areas.



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