

Red Squared Case Study – Crowne Plaza John Lennon Airport Dishwasher



Challenge ...

Red Squared was tasked with sourcing and installing a replacement dishwasher at the Crowne Plaza Liverpool John Lennon Airport.

The timescales were tight and the hotel required a top-of-the-range, energy saving dishwasher and two under counter dishwashers.

Solution ...

Red Squared worked in partnership with Meiko who recommended the WP4 Heat Pump dishwasher. The WP4 recovers waste heat and steam generated to heat the incoming cold water for final rinse and to wash tank water. Energy costs are therefore cut as the connected electrical load of the dishwasher is reduced by 18KW per hour. In addition, the exhaust air from the dishwasher can be vented directly into the wash up area, negating the need for extraction canopies or ductwork. The machine operators benefit from the processed air which is cooled to 21°C at extremely low humidity, which provides a more pleasant working environment.

Results ...

The dishwashers were installed to the complete satisfaction of the hotel. Already they have seen improvements and they have the added reassurance that all Meiko machines are covered by an 8 hour response time with Meiko's guarantee that each machine will be fixed first time, every time.

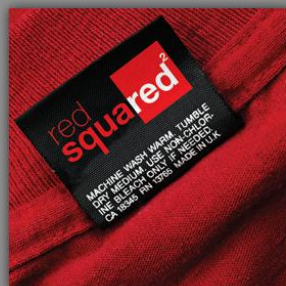
Client Comments ...

Ian Mitchell, Maintenance Manager said that he was very happy with the way the project had been handled. He said that although the job was extensive, going down to the bare pipe work, the timescales were met and everything happened very smoothly.

Ian commented that the hotel has already seen improvements in the quality of the dishwashing and that it is evident that there is far less water wastage. This in turn will mean significant cost savings, which are currently being analysed.

Red Squared Comments ...

Jason Bretherton, Director at Red Squared, who project managed the dishwasher replacement, commented "We are delighted that such energy savings have been possible and that our client's capital investment has proven beneficial."



If you would like more information on this topic, or to schedule an appointment, please contact Red Squared
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