



MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE, LTD.

MHI MITSUBISHI
GROUP HEAVY
INDUSTRIES

Case Study: Hotel & Leisure

Centralized hot water generation Two Q-ton CO₂ heat pumps installed at Lancaster Hall Hotel

Fact File

Project: Lancaster Hall Hotel, London
Project Plan: Sanitary hot water refurbishment
Product: Two 30kw Q-ton system
Two 2,000 litre hot water storage tanks



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Two Q-ton heat pumps installed at Lancaster Hall Hotel



The Lancaster Hall Hotel is situated in the heart of London's popular Lancaster Gate & Bayswater which attracts many tourists and business travellers.

In order to make sure Lancaster Hall Hotel can accommodate sanitary hot water efficiently for all of their customers, MHIAE connected two Q-ton to two 2,000 litre hot water storage tanks.

The hotel consists of two separate boiler rooms with completely segregated hot water and heating systems utilising five boilers running at different pressures in order to cater for 250 people on site.

The system is now fully operational and supplies 12,000 litres per day of domestic hot water at 65°C.

The hotel is now saving up to 40% running costs

reductions compared to their existing boiler and 45% savings on carbon emission.

Mitsubishi supplied an effective solution improving quality and comfort to their client. Q-ton ticked all the boxes and contributes to substantial running cost and carbon emission savings.



"If anyone is considering a Q-ton system I cannot recommend Mitsubishi highly enough."

Mr U. Maynard
Managing Director

