



For Immediate Release

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Radisson RED and Radisson Hotel & Conference Centre at Heathrow Get High-Efficiency CIAT Air Conditioning Upgrade

HEATHROW, England, 6 Dec. 2021 – Radisson RED London Heathrow and Radisson Hotel & Conference Centre London Heathrow, the largest hotel at the airport, have been equipped with the latest high-performance CIAT and Toshiba HVAC technology as part of a major refurbishment. The solution was provided by Toshiba Carrier UK Ltd (TCUK). CIAT and TCUK are part of Carrier Global Corporation (NYSE: CARR), the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions.

The recently rebranded four-star hotel has an indoor swimming pool, a spa with sauna and jacuzzi, a restaurant, lounge and bar, and spacious conference facilities that can accommodate more than 800 delegates, all now served by a high-performance CIAT Floway® 5000 air handling unit (AHU), ensuring outstanding comfort for guests and low-running costs for the hotel.

The Floway AHU is equipped with a counter-flow plate exchanger that manages airtight air flows between fresh and extracted air. This recovers up to 80% of the energy that would otherwise be lost from the building via exhaust air, transferring it to incoming fresh air to temper it, boosting efficiency and further enhancing occupant comfort.

“Maintaining a high-quality indoor environment at all times is vital to ensure the

comfort of guests and deliver the best experience, whatever the season,” said Simon Pearson, Radisson Hotel Group’s area chief engineer, UK and Ireland. “The air conditioning refurbishment project at Heathrow is part of our ongoing programme of maintenance and improvement, designed to deliver the highest standards possible across our estate of leading hotels. We have worked closely with Toshiba Carrier for several years, and trust them to provide efficient, reliable solutions that help deliver an outstanding experience for our customers.”

By minimising leakage from the system to negligible levels, CIAT Floway units achieve Eurovent’s top air-tightness rating, L1, and deliver a 60% improvement on leakage rates for lower-rated L2 rated systems, which covers the majority of air handling unit systems available.

Floway AHUs come equipped with an intelligent electronic control unit that automatically optimises system performance and enables plug-and-play operation, allowing quick and easy installation, set-up and servicing.

The CIAT AHU is paired with a high-efficiency Toshiba DX outdoor condensing unit and heat recovery ventilation system, while two Toshiba SMMS-e VRF systems deliver cooling and heating via 11 ducted indoor units with concealed diffusers for a top-quality finish.

Completing the system are two Toshiba Carrier UK DX-powered door curtains over the building's main entrance, providing a thermal barrier to minimise energy loss from frequent door opening.

For more details on CIAT Floway, visit the [product page](#).

About CIAT

CIAT is one of Europe's leading names in cooling, heating, and indoor air quality. Renowned for its capacity to create innovative, durable and high-performing products, CIAT offers a complete range of equipment that is designed to work together. CIAT latest innovations have been specially designed to meet the most demanding requirements. CIAT is a part of Carrier Global Corporation, the leading global provider of

healthy, safe, sustainable and intelligent building and cold chain solutions. For more information, visit www.ciat.com/en/eu/.

Pictures



The 895-bedroom Radisson RED London Heathrow and Radisson Hotel & Conference Centre London Heathrow is the largest at the airport.



The new air conditioning system serves the hotel's bar and restaurant.



CIAT's Floway is equipped with a counter-flow plate exchanger that manages airtight air flows between fresh and extracted air.