



**For Immediate Release**

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## **CIAT Ultra-low Noise R-32 Chiller Installed at Craigavon Area Hospital Trauma and Orthopaedic Wing**

**CRAIGAVON, Northern Ireland, 7 July, 2021** – An ultra-low noise CIAT chiller operating on lower global warming potential (GWP) R-32 refrigerant has been installed at Craigavon Area Hospital in Northern Ireland. CIAT is part of [Carrier Global Corporation](#) (NYSE: CARR), the leading global provider of healthy, safe and sustainable building and cold chain solutions.

The use of R-32 in CIAT's new high-performance AQUACIAT<sup>POWER</sup> LD 2000R reduces the chiller's environmental impact due to refrigerant by two-thirds. The ultra-low noise unit was equipped with the additional acoustic insulation option around the compressors to minimise disturbance for the hospital's Trauma and Orthopaedic Department. The chiller was supplied by Aircon Sales and Service, and installed by Dungannon-based contractor B J Mcgrath Plumbing & Heating, for Southern Health and Social Care Trust, Northern Ireland.

The chiller replaced a previous CIAT unit at end of life. With a similar cooling capacity of 550 kilowatts, the new chiller is significantly more compact, lightweight and energy-efficient than the previous model due to recent design improvements. Flow and return pipework connections were easily modified to fit the new system.

The chiller's delivery date was critical to the project because of other construction activities. Aircon Sales met the tight timetable required to complete the job by working closely with CIAT UK and the installer.

"We received excellent support from Aircon Sales and Service, who have worked with CIAT UK for many years and are very knowledgeable on the technical side," said Mark McGrath of B J Mcgrath Plumbing & Heating, who headed the installation. "They make absolutely sure that equipment fully meets client requirements. We have completed several projects with CIAT equipment and have total confidence in their build quality and design. Prior projects include CIAT Air Handling Unit installations at the local university, council offices and a global motor vehicle manufacturer in Northern Ireland."

The unit was lifted into position on a rooftop platform on the building in an enclosed courtyard. This required the services of a giant long-reach 300-tonne crane, the largest of its kind available in Northern Ireland.

AQUACIAT<sup>POWER</sup> packaged chillers are based on quiet-running scroll compressors, fully optimised for use with R-32. With a compact footprint, they are ideal for use on sites with limited floor or roof-top space. They feature two refrigerant circuits, powered by eight compressors, offering a high degree of resilience in the unlikely event of a breakdown.

To learn more 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's latest innovations have been specially designed to meet the most demanding requirements. CIAT is part of Carrier Global Corporation, the leading global provider of healthy, safe and sustainable building and cold chain solutions. For more information, visit [www.ciat.com/en/eu/](http://www.ciat.com/en/eu/).

## PICTURES



The high performance AQUACIAT<sup>POWER</sup> unit was supplied by Aircon Sales and Service, and installed to serve the hospital's Trauma and Orthopaedic Department.



The AQUACIAT<sup>POWER</sup> chiller was lifted into position on the building within an enclosed courtyard.