



## Case Study **PUBLIC BUILDING**



## Crawley's New Civic Centre gets CIAT Air Handling Unit Solution for High Quality Indoor Comfort

A high efficiency CIAT air conditioning and ventilation system has been chosen to provide high quality indoor comfort for Crawley Borough Council's new Civic Centre.

The nine-storey development is served by three modular ClimaCIAT™ Air Handling Units (AHUs), equipped with fine grade filters to help support indoor air quality and deliver a stable year-round indoor climate.

The 41,000sq ft town hall has a double-height reception area and 77,000sq ft of commercial office space, all served by the ClimaCIAT units. The new Civic Centre building is the centrepiece of a £150m regeneration of Crawley town centre, that will see the demolition of the old council building once the new building is complete, and construction of a 10-storey block of 182 new residential apartments overlooking a new public square.

A fully integrated intelligent electronic control system allows the units to be connected to the Building Management System, enabling building managers to optimise performance as part of a total building approach.

### Fine control

The local onboard controls include fine control of temperature and humidity levels and management of fans, filter fouling levels and heat exchange coils. The control system included wiring and sensors, and can be easily configured using the dedicated software and tools.

The ClimaCIAT range is designed for application in multi-use commercial buildings. ClimaCIAT Airtech is CIAT's flagship model, capable of delivering air flow rates of up to 8 cubic meters per second, with exceptional reliability and consistency, irrespective of outdoor ambient conditions.

ClimaCIAT AHUs are all Eurovent certified, meeting the latest efficiency and performance requirements under Ecodesign.

Matthew Hopwood, CIAT UK's Airside Sales Manager, said: "ClimaCIAT AHUs provide a complete ventilation solution for all buildings, whether in the public or private sector. In addition to providing excellent comfort levels and reliability, their efficiency ensures reduced carbon emissions and lower running costs throughout the lifetime of equipment. On both environmental and economic grounds, they deliver a win-win."

**For more details on ClimaCIAT, visit [www.ciat.uk.com/product/climaciat-air-tech/](http://www.ciat.uk.com/product/climaciat-air-tech/)**



### EQUIPMENT

3 x Modular ClimaCIAT™ Air Handling Units