

AIR HANDLING UNITS

CLIMACIAT™

TAILOR-MADE INDOOR AIR QUALITY



CLIMACIAT
air**access**
PURE PERFORMANCE



CLIMACIAT
air**tech**
PURE MODULARITY



CLIMACIAT
air**clean**
PURE CLEANLINESS





THE CUSTOMISED AIR HANDLING UNIT FOR OPTIMUM VERSATILITY

For each unique project there is a unique air handling unit. With the CLIMACIAT range, CIAT provides a solution that is perfectly suited for each environment. Offices, hotel, industry, hospital... the opportunities are vast. CIAT offers unrivalled commitment to comfort, energy efficiency and controlled indoor air quality.



HEALTHCARE

REASONS TO CHOOSE CLIMACIAT SOLUTIONS IN HEALTHCARE

- Easy access for cleaning and decontamination
- Smooth surfaces
- Granted access to all sections
- ULPA / HEPA filters
- VDI 6022 and DIN 1946-4 certifications



ADMINISTRATION



COLLECTIVE
HOUSING



HOTELS

REASONS TO CHOOSE CLIMACIAT SOLUTIONS IN OFFICES, COLLECTIVE HOUSING AND HOTELS

- Temperature and humidity control
- Low noise level
- Energy efficient EC fan solutions
- Air volume control: variable air flow volume and constant pressure control
- CO₂ regulation



INDUSTRIES

REASONS TO CHOOSE CLIMACIAT SOLUTIONS IN INDUSTRY

- Wide range of anticorrosion treatments
- Dirty filter measurement control
- ATEX explosion proof fans



PROJECT REFERENCES:

BURGHALLE MAYEN - GERMANY

- Energy-efficient ventilation of a sports hall.
- 4 x Climaciat Airtech air handling units with heat recovery
- Total air volume: 30,000 m³/h



ROYAL SOUTH HANTS HOSPITAL - UNITED KINGDOM

- High quality conditioned air to wards, clinical areas, the pharmacy and audiology department as part of a major refurbishment programme at the community hospital.
- 8 x Climaciat Airtech air handling units



CUTTING-EDGE TECHNOLOGIES



Rotary heat recovery devices with the highest efficiencies and a wide range of anticorrosion treatments



Joints fixed on the door, ensuring maximum air tightness



Doors mounted on adjustable hinges with handles offering progressive closing (1/4 security). Key locking as standard in all doors.



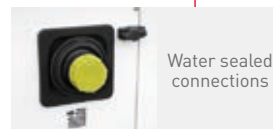
Control factory fitted, tested, for a plug & play installation. Reliability of the complete system and installation time saving.



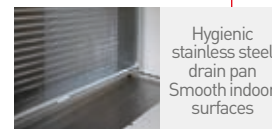
Possibility of delivering the unit in a common baseframe, with skids ready for container



EC fan motors with integrated proportional control, mounted in wall fan structure to maximize performances



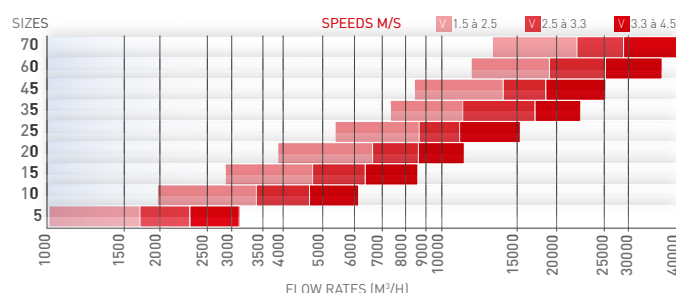
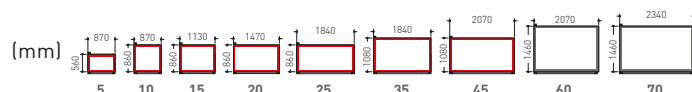
Water sealed connections



Hygienic stainless steel drain pan
Smooth indoor surfaces

- 9 sizes from 1,000 to 30,000 m³/h
- Mechanical resistance values according EN 1886
- Airtech and Airclean versions are adapted to the highest specifications in terms of thermal transmittance and bridging factor

	Airaccess	Airtech / Airclean
Casing strength	D2	D1
Casing air leakage class	L1	L1
Thermal transmittance	T2	T2
Thermal bridging factor	TB2	TB1
Filter leak test	F9	F9





INDUSTRIAL EXCELLENCE

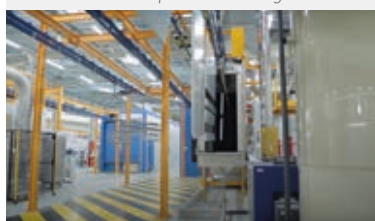
World class expertise and manufacturing are hallmarks of the quality of CIAT products and solutions throughout the world. To guarantee optimal development of the CLIMACIAT range, the CIAT group demonstrates its commitment to quality and efficiency by deploying ultramodern production means.

The skills and expertise of our teams are backed by completely integrated powerful production facilities resulting in a fully-mastered industrial procedure. The objective is to create tailor-made, durable and high-performing products.

Production line: machining the sheet metal



Automatic powder coating line



Robot for fitting bi-component form-in-place gasket



Our manufacturing sites are certified with ISO 9001, ISO 14000 and OSHAS 8001
The CLIMACIAT Air handling units range has as well the following certificates:

Eurovent Certification
DIN 1946-4 Certificate
VDI 6022 Certificate



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Availability depends on each country. Please contact your CIAT representative.

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