COMFORT
AIR QUALITY
ENERGY OPTIMISATION
CIAT A GLOBAL SYSTEM PROVIDER

With over 80 years of experience, CIAT is one of Europe’s leading names in heating, air conditioning and air handling solutions for the commercial, residential, healthcare and industrial sectors. Renowned for our capacity to create innovative, durable and high-performing products, we offer a complete range of equipment that is designed to work together. The skills and expertise of our teams are backed by completely integrated powerful production facilities which enables us to guarantee the optimal development of our global system solutions. Our latest innovations have been specially designed to meet your most demanding requirements and provide you with the best in technology.

CIAT COMMITMENTS THAT CONSTITUTE EXCELLENCE

Construction standards are increasingly stringent and buildings must be designed not only with the comfort of occupants in mind, but also with the aim to protect their health equity while reducing energy consumption and environmental impacts. CIAT responds by a constant commitment to offer more than just an extensive product range; we provide a comprehensive system offer developed around three fundamental values:

Indoor Air Quality
CIAT is committed to the research and development of innovative solutions aimed at improving indoor air quality, a major health issue of critical importance in the design of buildings. By integrating dynamic purification systems, particulate and chemical sensors and increased filter efficiency into its equipment, CIAT helps control CO₂ and fine particle concentration, achieving an air quality as close as possible to the recommended threshold defined by the World Health Organisation.

Comfort
CIAT designs and manufactures products and systems with the well-being of occupants in mind. By developing equipment that provides the best possible thermal, aeraulic and acoustic comfort, we put individuals at the heart of our strategy and create interior environments that are renowned for their quality. Our comfort units ensure minimised temperature fluctuations, quiet operation and better visual integration, providing optimal comfort at all times.

Energy Optimisation
CIAT develops products with a constant concern for performance. Our thermodynamic equipment meets the highest standards in energy use classification (class A) allowing substantial savings to be made without compromising on performance and efficiency. Heat recovery and thermal energy storage units harness calories that would otherwise be wasted, thereby using less energy and contributing to the reduction of greenhouse gases.

CIAT’s activities are based on optimising energy consumption levels and improving air quality and occupant comfort in buildings. We provide sustainable systems and highly advanced equipment that meet stringent certifications and standards. We are also strongly committed to protecting the environment, which is a fundamental part of our development strategy.
WORLD-CLASS OPERATIONS
OPERATIONS TO BRING BEST-IN-CLASS SOLUTIONS

Our European Centers of Excellence and production sites are all world-class facilities in their own right. Each center focuses on a specific field of expertise to support our customers in meeting the challenges they face today.

**VENCE CENTER OF EXCELLENCE FOR CLIMATE CONTROL SYSTEMS**
Providing climate control systems for HVAC environments is the key activity at the Vence Center of Excellence. Here the engineering team develops cutting-edge solutions to optimise and improve the energy efficiency of HVAC systems.

**CULOZ CENTER OF EXCELLENCE FOR AIRSIDE TECHNOLOGIES**
Equipped with state-of-the-art development, test and measurement tools, teams of experts at the Culoz site carry out prototyping and testing for customers who are looking for the best in innovation in air handling units, fan coil units and heat exchangers.

**MONTILLA CENTER OF EXCELLENCE FOR ROOFTOPS AND PACKAGED SOLUTIONS**
The teams in southern Spain have in-depth expertise in rooftop, packaged, dehumidifier and preconditioned air (PCA) for aircraft units. The center houses the largest HVAC factory in Spain and Europe’s biggest laboratory for aircraft preconditioned air units.

**MONTLUEL CENTER OF EXCELLENCE FOR CHILLER AND HEAT PUMP TECHNOLOGIES**
Experts at the Montluel site draw on over 50 years of specialist knowledge and engineering skills to offer customers tailor-made solutions to meet their individual needs in chiller and heat pump innovation.

**VENCE CENTER OF EXCELLENCE FOR CLIMATE CONTROL SYSTEMS**
Providing climate control systems for HVAC environments is the key activity at the Vence Center of Excellence. Here the engineering team develops cutting-edge solutions to optimise and improve the energy efficiency of HVAC systems.
CIAT EXPERT IN INDOOR CLIMATE SYSTEMS

As a pioneer of customised HVAC solutions, CIAT understands the importance of increasing the well-being of individuals in their living areas and places of work. Aware of the thermal, energy and air quality issues faced today by every sector of activity, we have responded by developing global systems based on an adapted and efficient combination of products.

WATER-BASED GLOBAL ENERGY SYSTEMS FOR HEATING, COOLING AND INDOOR AIR QUALITY

To comply effectively with today’s thermal and environmental regulations, CIAT designs optimised water-loop energy systems comprised of comfort units, heat pumps and dual-flow air handling units. As a renewable resource and a highly effective heat transfer fluid, water not only represents an excellent alternative to direct expansion systems it also meets F-Gas regulations in terms of confinement and limitation of refrigerants within buildings.

SMART CIATControl: THE ENERGY MANAGEMENT SYSTEM

Connected to all HVAC components (refrigeration, comfort units, air handling unit) and using a patented algorithm that can be programmed according to building occupancy and weather conditions, Smart CIATControl adapts the efficiency of the thermodynamic producer to the needs of the emitters in real time.

In addition to automatic system changeover based on calculation requirements, features include:

- **Optimal Stop & Start**: predictive function which anticipates the stop and start times of the HVAC system.
- **Optimal Water**: allows the temperature of the chiller or heat pump to be controlled according to the demand from the emitters.

The optimizations offered by Smart CIATControl allow energy saving for the building.

COMPLIANCE WITH STANDARDS AND RESPECT FOR THE ENVIRONMENT

CIAT pursues an exemplary quality approach to developing sustainable and efficient systems which conform to the standards of today and anticipate those of tomorrow. We ensure that our developments conform to the various environmental directives and regulations and, as a real driving force in our sector, also participate in their implementation.

THE ENERGY-RELATED PRODUCTS (ERP) EUROPEAN DIRECTIVE

The European Directive 2009/125/CE ErP outlines the conditions and criteria relating to the eco-design of products that affect energy consumption throughout their life cycle, from manufacture, to use and until disposal at end of life. It encourages manufacturers to design products that improve energy efficiency while reducing their overall impact on the environment, in particular the resources consumed throughout their service life. All CIAT products included in our catalogue conform with the ErP directive.

F-GAS REGULATIONS

Since 1 January 2015, the measures to control emissions from fluorinated greenhouse gases have been strengthened and a number of far-reaching changes have been introduced with a view to cutting the EU’s F-Gas emissions by two-thirds by 2030 compared with 2014 levels.

These directives have a direct impact on HVAC equipment and involve the implementation of appropriate solutions. Direct expansion systems are destined to disappear as technological choices increasingly turn to water-based solutions which confine small amounts of refrigerant to a limited part of the installation.

ECO-DESIGN: RESULTS THAT EXCEED THE REGULATORY REQUIREMENTS OF TOMORROW, TODAY

At CIAT we strive to reduce the ecological impact of our equipment throughout its life cycle, from creation to final decommissioning. We confirm this strong environmental policy in our commitment to respecting ISO 14001 and OHSAS 18001 certifications, and undertake:

- To integrate environmental aspects as early as possible in the product design process;
- To take into account and make available the results of the life cycle analyses (LCA) for products (complete system for heating, ventilation and cooling);
- To provide environmental reports related to the equipment.

This approach benefits from an internationally recognised standard ISO 14062 "Environmental Management - integrating environmental aspects into product design and product development".
CIAT at your service for your comfort, air quality & energy optimisation

As key European player for HVAC systems, our objective is to provide high quality service and develop partnerships with you throughout the lifecycle of your installations. We understand your changing needs, develop smart services and energy solutions for all types of applications that optimise performance and enable savings.

Committed to improve life quality, we provide the support you need to get the most out of your solution and develop strong partnerships with our customers, from project analysis to commissioning and operation for long-term satisfaction.

A whole world of services

Maintenance:
- Warranties and extensions
- Preventive and corrective
- Service contracts

Repairs:
- Efficient diagnostics
- Quick on-site interventions
- Technical assistance

Control and monitoring:
- Real-time data, alerts and reports
- Monitoring and optimizing performance
- Prognosis and expert analysis

Spares parts:
- Universal and Factory Authorized Parts
- Consultancy and kit solutions
- Dedicated on-line shop

Modernization:
- Upgraded installation
- Performance improved
- Turnkey projects

Thermal energy storage:
- For peak cooling demand >500 kW
- Shift electricity consumptions from peak to off peak hours

CIATM2M:

Optimise HVAC operation & maintenance needs alerts, real-time data & reports with expert analysis. Data are regularly reviewed through continuous support.

In the current context of increasingly efficient building requirements, CIAT offers monitored services that help customers to improve the efficiency of their HVAC installations.

CIATM2M is an advanced monitoring solution, which enables customers for all applications to track and monitor their CIAT equipment:
- Real-time data retrieve through a custom access to the CIATM2M website (synoptic, controller dashboard, event and temperature curve, alert & fault memory and parameters log)
- Email alert at any event on the equipment
- Monthly and annual reports with analysis and recommendations from CIAT experts.

Better profitability
Equipment availability
Steady indoor air quality
Optimal equipment control
Fully secured connection

HVAC experts close at hand

A combination of knowledge and experience for better technical support.

Our qualified and responsive teams of technicians are available to implement actions on site and ensure optimal operation of your equipment. Thanks to our expertise and experience in the fields of maintenance and technical service, CIAT offers a wide range of services from pre-sales technical support and diagnostics right through to energy audits.

Our dedicated hotline for off-site support with our engineers and technicians on the field, work hand in hand to meet your expectations in terms of energy efficiency. Our priority, 24/7, to allow you to focus on your business whilst CIAT provides you with the best possible level of service.

HVAC Europe Parts Center

Building service excellence for customers.

Thanks to our dedicated parts team and our factories located throughout Europe, HVAC Europe Parts Center is able to deliver 250 orders daily and ship efficiently around the world. With more than 37,000 active parts and 10,000 items in stock, we propose a comprehensive parts offer including compressors, universal parts and manufactured components. Our purchasing power ensures optimised pricing and leadtimes. Thanks to our manufacturing expertise, we provide advice to help you find the best service solution to meet your specific needs.

- State-of-the-art logistics with reliable next day delivery for Europe
- Storage permanently adjusted according to customer demand
- Dedicated, accessible and reactive teams
- Dedicated online shop to facilitate parts selection
- Stock online, order tracking, parts selection: numerous specific online tools to ease and fasten your business

Vence
Climate Control Systems Center of Excellence

Expert in customized control solutions, smart services for HVAC systems and plant rooms.

At the Vence Center of Excellence for Climate Control Systems, our engineers focus on developing and offering technical support for smart services and designing, engineering and implementing HVAC systems with storage solutions.

Their know-how is proven and unique with in-depth knowledge of both cooling/heating and automation. The Vence centre works closely with Europe’s leading science park located in Sophia-Antipolis, in the south of France. The team is frequently involved in major European research and innovation projects.

Connected services and energy optimization

- Monitoring
- Equipment control
- Plant and system management
- Climate control solutions compatible with every Building Management System

Vence Climate Control Systems Center of Excellence

Electrical energy saved

+1 300
+500 MW
+6 000 000 kWh

Better technical support
A combination of knowledge and experience for better technical support.

HVAC Experts close at hand

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- Monthly and annual reports with analysis and recommendations from CIAT experts.
**HEALTHCARE**

Control of airborne contamination and noise levels in risk zones.

Protection of health and comfort in reception areas and patient rooms.

**MARKETS SOLUTIONS**

**HEALTHCARE**

Control of airborne contamination and noise levels in risk zones.

Protection of health and comfort in reception areas and patient rooms.

**LIGHT COMMERCIAL**

Comprehensive solutions and guaranteed services for building managers’ peace of mind.

Simplicity and ideal comfort for building occupants.

**SHOPPING CENTERS**

Full modularity with plug and play system.

Optimized operating costs.

**HOTEL**

Comfort, silence and discretion for the satisfaction of your clients.

Controlled running costs.

**CLIMACIAT AIRCLEAN**

Air handling unit designed for the specific requirements of controlled environments. Excellence foremost. Life in harmony.

**COADIS LINE**

Cassette comfort units with Coanda effect for increased acoustic comfort.

**COMFORT LINE**

Flexible cassette units with excellent acoustic comfort.

**EPURE DYNAMICS**

Smart DCD units can be used for purification and air treatment for specific applications or in specific areas.

**POWERCAT**

Group of fans to provide a high level of comfort.

**THERMAL ENERGY STORAGE**

High efficiency air to water unit with noise protection technology.

**POWER CONTROL**

Plant system control designed to control the entire thermal plant system.

**VECTIOS**

Rooftop unit with scroll compressor.

**AQUACIAT**

High efficiency air to water unit.

**HYDROCIAT**

Compact and reliable water chilled towers.

**VEXTRA**

Compact and efficient air handling unit with plug and play system.

**CLIMACIAT AIRTECH**

Compact and efficient air handling unit.

**COADIS LINE**

Cassette comfort units with Coanda effect for increased acoustic comfort.

**MELODY 1**

Optimal heating and cooling performances. Cassette, designed for perfect integration in suspended ceilings.

**THERMAL ENERGY STORAGE**

Reduction of operating costs and non-stop support.

**FLOORWAY**

Compact and silent heat pump with integrated hydraulic module.

**FLOWWAY**

Compact air handling unit.

**MAJOR LINE**

Innovative and highly efficient solution providing improved comfort and very low sound levels.

**COMFORT LINE**

Compact and silent high efficiency Scroll compressors.

**AEROSOL**

Compact and silent air handling unit.

**ERA HE**

Simplicity and reliability in a high efficiencyScroll compressor.

**FLOWWAY**

Compact air handling unit.

**MAJOR LINE**

Innovative and highly efficient solution providing improved comfort and very low sound levels.

**MELODY 2**

Optimal heating and cooling performances. Cassette, designed for perfect integration in suspended ceilings.

**PHS**

Self-adjusting control.

**POWERCIAT**

High efficiency air cooled chiller.

**HYDROCIAT**

Compact and reliable water chilled towers.

**VEXTRA**

Compact and efficient air handling unit.

**CLIMACIAT AIRTECH**

Compact and efficient air handling unit.

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Optimal heating and cooling performances. Cassette, designed for perfect integration in suspended ceilings.
MARKETS SOLUTIONS

OFFICES

thermal and acoustic comfort.
High interior air quality for improved productivity.

INDUSTRY

High efficiency and full reliability for industrial equipment and global process.

Risk control with ATEX certified heating (air heaters), ventilation, air handling and smoke extraction equipment.

MARKETS SOLUTIONS

AQUACIAT™
High efficiency air-cooled chillers with scroll compressors.

DYNAMAT™
High energy performance water-cooled chillers with optional towers.

EPURE DYNAMICS
Smart GSH control for higher quality and energy optimisation.

Climaciat Airaccess
High thermal efficiency gas-fired plate heat exchangers.

COADIS LINE
Covers comfort and additional energy efficiency for increased volume.

COMFORT LINE
Optimum comfort level with excellent acoustic comfort.

SMART CIAT CONTROL
Energy management system allowing for centralisation of the information, remote management of equipment, automatic start-up and enhanced energy optimisation.

THERMAL ENERGY STORAGE
Reduced operating costs and non-stop support.

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AIR TREATMENT SOLUTIONS

AIR HANDLING UNITS

AIR COMPACT
- AHU for all applications.
- Designed to meet the EN 13854 and EN 1886 standards.
- The effective solution for service sectors, industry and healthcare applications.

FLOWAY
- AHU designed for all types of applications.
- Thanks to its extraordinary modularity, it allows multiple configurations and installations, both indoor and outdoor.

CLIMACIAT
- AHU for specifically controlled environments.
- This range incorporates latest hygienic technological solutions.

AIRTECH
- AHU designed for all types of applications.
- Thanks to the extraordinary modularity, it allows multiple configurations and installations, both indoor and outdoor.

AIRCLEAN
- AHU designed for all types of applications.
- Thanks to the extraordinary modularity, it allows multiple configurations and installations, both indoor and outdoor.

HELIOTHERME 4000
- The most competitively priced technical solution for heating large spaces.
- Ensures ultra-fast warm-up of buildings.
- Excellent diffusion thanks to the double deflection diffuser with its patented JET+ technology.

AIR HEATER

HELIOTHERME 4000
- Integrated “plug&play” system.
- High seasonal efficiency: scroll compressors in tandem, EC fans, EER. Reliability with superior quality. Low refrigerant charge R-410A.
- Optimized dimensions and weights.
- New intelligent control concept.
- Active and passive recovery.
- Air zoning option (up to 4 different zones) and other key feature options.

VECTIOS™ PJ
- Package unit all in one.
- Large capacity range.
- Scroll compressors in tandem, EC fans.
- Active or passive recovery options. Configuration flexibility. R-410A refrigerant.

SPACE PF
- Rooftop water cooled for centralized systems with closed water loop.
- Applicable also for geothermal installations. Configuration flexibility. High efficiency.
- SEER > 5.6; SCOP > 4.4 in configurations with tandem and supply EC plug-fan. Silent operation (A1, A2, A3, A4, A5).

SPACE AQUA XF
- Rooftop water cooled for centralized systems with closed water loop.
- Applicable also for geothermal installations. Configuration flexibility. High efficiency.
- SEER > 5.6; SCOP > 4.4 in configurations with tandem and supply EC plug-fan. Silent operation (A1, A2, A3, A4, A5).
COMFORT UNITS

COADIS LINE
- COADIS LINE 600
- COADIS LINE 900

MELODY2

MAJOR LINE
- Major Line
- Major Line LI
- Major Line LY
- Major Line U
- Major Line Y

COMFORT LINE

HYSYS® THE SYSTEM SOLUTION ON WATER LOOP

HYSYS®: THE HYDRAULIC SOLUTION WITH HYMOD
- Modular decoupling
- Variable water flow rate
- Variable water temperature (Optimal Water®)
- Network balancing

HYSYS®: THE AERIALIC SOLUTION
- SMART CIAT Control (System tracking and optimisation)
- EASY CIAT Control (Managing and programming comfort units)
- Monitor the air renewal according to the occupancy
- Monitor the levels of fine particles (Epure Dynamics®)
- Guaranteeing high quality indoor air, specifically through purification of fine particles in accordance with WHO recommendations.

HYSYS®: THE INTELLIGENT SOLUTION
- Management of your installation together with energy optimisation, and the setting of parameters via an intuitive interface, simplifying your day-to-day usage.

SYSTEM CONTROL

SMART CIAT CONTROL
- Optimisation of Hysys® system performance:
  - Centralisation of the information
  - Remote management of equipment
  - Automatic changeovers
  - Enhanced energy optimisation
  - Air quality optimisation function

HYSYS®: THE INTELLIGENT SOLUTION
- SMART CIAT Control
- EASY CIAT Control
- Management and programming of comfort units
- Energy saving and optimal air quality in office buildings.

FRESH AIR CONTROL
- Fresh air control
- Control for comfort units
- V30
- V300
- V3000 KNX
- V30
- Electronic control V30
- Electronic control V300
- Electronic control V3000 KNX
- V300
- Simplified access with the Master/Slave function
- 4 operating modes: complies with RT 2012
- Quick and easy to upgrade on-site
- Centralised timer for managing multiple zones
- CIAT concept and design
- EuBac certification
- V3000 KNX
- New generation networked control
- Variable flow HEE function control
- Condensation-free function management
- CIAT Concept & Design. EuBac certification.
HEAT PUMPS & WATER CHILLERS

AIR-COOLED UNITS

EREBA He

EREBA ACCESS

EREBA 17-21

CIATCOOLER LP

AQUACIAT POWER LD / ILD

AQUACIAT COOLER LP

EASY and fast installation. Inverter technology compressor and fans.

Inverter technology. Cooling only and reversible unit. Integrated hydraulic module. Load lag operation.

Scroll compressors. Wide range for cooling only and reversible unit. Integrated hydraulic module. Load lag operation.


R-32 Available in 2020

POWER CIAT LX

DYNACIAT LGN


Compact and reliable. 3 efficiency versions. Screw compressors. All-aluminium micro-channel condenser. Self-adjusting electronic control. Touch screen control interface.


HEAT PUMPS & WATER CHILLERS

WATER-COoled UNITS

DYNACIAT LG
- Compact and silent
- High energy efficiency
- Scroll compressors
- High-efficiency brazed-plate heat exchangers
- Self-adjusting electronic control

DYNACIAT POWER
- Compact and reliable
- Standard and High Efficiency versions
- Screw compressors
- Flooded shell and tubes evaporator
- Self-adjusting electronic control
- Touch screen control interface

HYDROCIAT LW
- Compact and reliable
- Premium efficiency
- Oil-free centrifugal compressor with magnetic levitation
- Flooded shell and tubes evaporator
- Self-adjusting electronic control
- Touch screen control interface

HYDROCIAT TURBO LWT
- High energy efficiency
- Compact and quiet
- Scroll compressors
- High-efficiency brazed-plate heat exchangers
- Scroll self-adjusting electronic control

HYDROCIAT LW
- Compact and reliable
- High energy efficiency
- Scroll compressors
- High-efficiency brazed-plate heat exchangers
- Oil-free centrifugal compressor with magnetic levitation
- Flooded shell and tubes evaporator
- Self-adjusting electronic control
- Touch screen control interface

DRYCOOLERS & CONDENSERS

OPERA
- Adiabatic cooling system
- Alternative to cooling towers
- Smaller units

VEXTRA
- Quiet operation
- Low speed fan
- All year round operation

CONDENCIAT CL2
- Outdoor condensing unit for direct expansion applications
- Variable speed propeller fan

CONDENSIAT CD
- Benefit from a high thermal transfer capacity
- Particularly well suited to low temperature differences between the two fluids

ITEX
- Liquid / Liquid heat exchangers
- Beneficial for a high thermal transfer capacity

DYNACIAT LG
- Compact and silent
- High energy efficiency
- Scroll compressors
- High-efficiency brazed-plate heat exchangers
- Self-adjusting electronic control

CONDENSING UNITS

HEAT EXCHANGERS

DRYCOOLERS - CONDENSERS - HEAT EXCHANGERS - THERMAL ENERGY STORAGE

ENERGY OPTIMISATION SOLUTIONS
- Optimised energy management
- Information in multilingual clear text

THERMAL ENERGY STORAGE
- Shift your electricity consumption from peak to off peak hours
- Turnkey solution
- Proven technology
- Unique expertise
- Reduced operating cost
- Non-stop support
- Smart grid ready secure cooling production

MORE
- More efficient
- More flexible
- More intelligent

LESS
- Less energy
- Less time
- Less noise

THERMAL ENERGY STORAGE
- Optimised energy management
- Information in multilingual clear text

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- Reduced operating cost
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- Smart grid ready secure cooling production

MORE
- More efficient
- More flexible
- More intelligent

LESS
- Less energy
- Less time
- Less noise
CLOSE CONTROL UNITS

EXPAIR
- Reduced footprint
- Dual-wall construction
- PLC control
- Variable-speed condenser fan

MAGISTER
- Extensive range of chilled water or direct expansion systems
- Compact and attractive design
- Energy savings with EC motors and self-regulating control
- Easy to install

JUNIOR BCP
- Excellent functions/price ratio
- Low energy consumption
- Control as standard
- Optional DUAL versions
- Double-walled conception

AQUAIR BCP
- Electronic control
- Optimised energy consumption
- Energy recovery
- Modular and double-walled conception
- Optional DUAL and ASRO versions

AQUAIR PREMIUM BCP
- Electronic control
- Optimised energy consumption
- Energy recovery
- Modular and double-walled conception
- Optional DUAL and ASRO versions

SWIMMING POOL DEHUMIDIFIERS

AQUAIR BCP
- Single or dual flow
- Optimised energy consumption
- Energy recovery
- Electronic control as standard
- Modular and double-walled conception
- Optional DUAL and ASRO versions

AQUAIR PREMIUM BCP
- Electronic control
- Optimised energy consumption
- Energy recovery
- Modular and double-walled conception
- Optional DUAL and ASRO versions

AIR CONDENSED SPLIT AND PACKAGED SYSTEMS

ISPK
- Vertical packaged in mono-block or split configuration for indoor installations
- Reversible heat pump
- Tandem scroll compressors and EC plug-fan for indoor and outdoor section
- High seasonal efficiency
- Configuration flexibility
- R-410A refrigerant

SC
- Air-cooled condensing units designed for installation outdoors
- They can be connected on-site with one direct expansion exchanger
- Configuration flexibility
- Silent operation
- R-410A refrigerant

CZ
- Indoor units with direct expansion exchanger for R-410A refrigerant
- Horizontal construction designed for installation indoors, connected to a network of ducts
- Configuration flexibility
- R-410A refrigerant

NEPTUS XP
- Personalised control in offices and shopping centers
- Vertical construction designed for installation indoors
- Discret solution in centralized units with closed water loop
- Applicable also for geothermal installations
- R-410A refrigerant

WATER-SOURCED HEAT PUMPS

MAGISTER
- Compact and attractive design
- Energy savings with EC motors and self-regulating control
- Easy to install

CLOSE CONTROL UNITS

BOSS SUPERVISION
- Remote control, managing up to 300 units (3000 variables)
- Alarm management, planner and event management, diagrams and reports
- Installation drawing with units located, energy management, analysis of risks and critical control points, notes and integrated IFPI

PLANTWATCH PRO3
- Management of up to 30 units (with a total of 300 variables)
- Panel version and wall version
- Remote control over the internet with IP address
- Management of units in groups or zones
- Managing alarms, Planner, Creation of diagrams, Touch screen

CIAT SYSTEM CONTROL AND SUPERVISION

EXPAIR
- Dehumidification capacity

MAGISTER
- Dehumidification capacity

JUNIOR BCP
- Dehumidification capacity

AQUAIR BCP
- Dehumidification capacity

AQUAIR PREMIUM BCP
- Dehumidification capacity

AQUAIR BCP
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AQUAIR PREMIUM BCP
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MAGISTER
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MAGISTER
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JUNIOR BCP
- Dehumidification capacity

AQUAIR BCP
- Dehumidification capacity

AQUAIR PREMIUM BCP
- Dehumidification capacity
OFFICE LOCATIONS

LEATHERHEAD
TCUK Ltd
United Technologies House
Guildford Road
Leatherhead
Surrey
KT22 9UT

MANCHESTER
TCUK Ltd
Unit 15, S:Park Business Park
Hamilton Road
Stockport
Greater Manchester
SK1 2AE

BROMSGROVE
TCUK Ltd
Units 7/8 Topaz Business Park
Topaz Way
Bromsgrove
Worcestershire
B61 0GD

t: 01372 220 151
e: marketing.uk.ciat@carrier.com