



CIATESA / Spain CRISTOPIA / France CIAT Belley / France CIAT / India CIAT Chinasia / China CIPRIANI / Italy HYDRONIC / France CIAT Chautagne / France

→ A powerful industrial tool

Recognised for 70 years for its expertise in the field of refrigeration, air handling and heat exchange, CIAT is also the European leader in air conditioning applications for tertiary premises and industry. Today CIAT is an industrial group specialized in the design, manufacturing and selling of more than 130 product ranges described in the most comprehensive catalogue of the market.

A highly flexible company that develops products meeting most of the technical constraints and respects the regulations related to environment.



POWERCIAT manufacturing line

CIAT Culoz / France

→ Quality and sustainable development

Committed to sustainable development, CIAT develops air conditioning and heating equipments in line with the ecological and economic stakes. These equipments follow the future European regulation requirements and preserve our environment for the generations to come. The choice of R410A, a stable refrigerant with high levels of thermodynamic characteristics, combined with optimised components provides increased energetic efficiency and reduces greenhouse gas emissions resulting from electricity production. CIAT plays an active part in the EUROVENT certification programme. This is an independent organisation that tests products and certifies the validity of the given performance figures. EUROVENT certification is a guarantee for engineering and design offices, installers and end users.



CERTIFIED ISO 9001
QUALITY SYSTEM

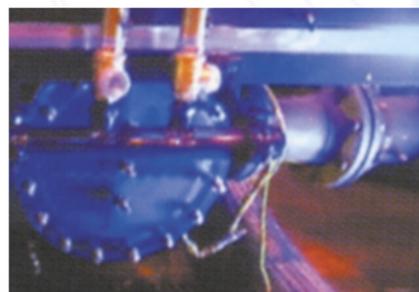


→ A high performance R&D centre



Research & Development at CIAT boasts one of the largest laboratories dedicated to environmental engineering in Europe with engineers and technicians who use the most sophisticated test and simulation tools to anticipate technical developments. They devote themselves to fundamental and experimental research, optimise the performance of the CIAT products, control and validate

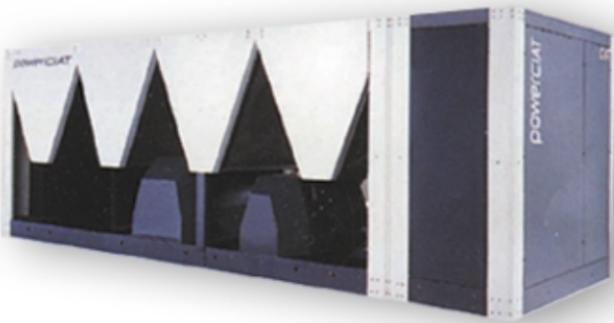
the efficiency of the acoustic, aeraulics and thermal test platforms. Each request, each constraint generates significant technological progress. The CIAT group dedicates 5% of its turnover to research and development.



→ A wide international network

Leader on the French market, CIAT strengthens its position abroad thanks to 12 factories worldwide (France, Spain, India, China, Italy), approved dealers in over 70 countries. Export sales account for 50% of the turnover. CIAT is never far from where you need it. subsidiaries and





Packaged water chiller
↑ **Powerciat R134a**

- "Low noise" or "Xtra low noise" version
- Packaged unit with hydraulic module
- High cooling capacity up to 850 kW



Water/water chiller
↑ **Dynaciat**

- High energy efficiency
- New R410A refrigerant
- Brazed plates exchanger
- Cooling capacity: 35 to 272 kW



Air/water reversible heat pump
↑ **Aquaciat 2**

- Packaged unit with hydraulic module
- New R410A refrigerant
- "Low noise" or "Xtra low noise" configurations
- New advanced design
- Cooling capacity: 20 to 225 kW



Water/water chiller
↑ **Hydrociat R134a**

- Optimal solution for indoor installation
- H.P.S. equipment
- Low noise chiller
- High cooling capacity: 420 to 1050 kW

Air handling unit
→ **Climaciat Airclean**

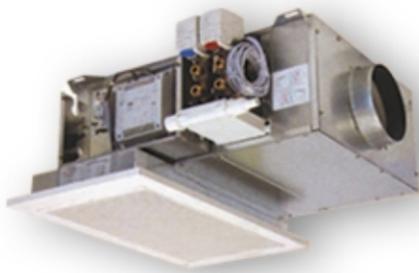
- The ultimate in ultra-cleanliness
- High standard A.H.U. for applications such as hospital, chemical, industrial plants, ...
- Design tailored to the most stringent requirements
- European standards EN13053 & EN 1886



Dry coolers and air cooled condenser
← **Vextra**

- Compact unit up to 40% roof saving
- 200 to 1 350 kW - Up to 220 models

new products



Fan coil unit
← **Coadis Comfort**

- Hotel & hospital application
- COANDA effect for high comfort level
- Packaged unit with ducting system



Air handling terminal unit
↑ **Residenciat**

- Packaged fan coil unit for residential housing
- Complete controlled air diffusion system
- Individual control for each room
- Important energy savings



Fan coil unit
← **Coadis Slim**

- Low thickness fan coil
- High static pressure for all air diffusion systems
- Low noise



Air handling unit for vineyard applications
← **Vinea**

- Innovative NEO patented filter
- Filtering by TiO₂ photocatalysis and active carbon adsorption
- Air flow rate up to 2 000 m³/h - 100 Pa



Precision air handling cabinet
↑ **Magister 2**

- Technical room air conditioning
- High efficiency R410A refrigerant
- New Airconnect control
- Air flow rate up to 24 000 m³/h



Rooftop unit
← **Cleanpack PH**

- High performance range
- High static pressure for all applications
- Air handling modules for flexibility
- High quality air treatment

Plava Laguna Hotel

Porec
Croatia



Uadivilas Palace

Udaipur
India

Private hospital

Istres
France



Hospital

Saint Tropez
France



Hospital

Debrecen
Hungary



Hospital

Strasbourg
France



De Luxe Residence l'Oxalys

Val Thorens
France



Residence Hotel MIR 4

Achakhabad
Turkmenistan



Radisson SAS Royal

Garden Hotel
Trondheim
Norway

Commercial centre Espace

Madrid
Spain



Meyrieu Institute

Lyon
France



references

It is not by chance that today more than 10 millions of CIAT products are in operation worldwide; CIAT has the expertise that makes it a reference in all fields (building, health, tertiary and industry applications, collective and residential housing).

World Trade Centre

Dresden
Germany



Moscow City

Moscow
Russia



Microsoft

Wallisellen
Switzerland



R&D Centre

Damas
Syria



Dalkia

Berre
France



Visteon

Oyonnax
France



Stockley Park

Heathrow
United Kingdom



La Guardia

Netherlands



IT Park Sigma

Bangalore
India



Zaventem Airport

Brussels
Belgium



Centralized Air Conditioning Systems Business centres



Centralized Air Conditioning Systems Hotels



- Air handling unit
Climaciat**
- High standard A.H.U. for applications such as offices, industrial plant, hospital ...
 - Air flow rate up to 66 000 m³/h - 2 500 Pa

- Air handling unit
UTA Standard**
- Technical and economical compromise for fresh air control
 - Compatible with V2000[®] fresh air controller
 - From 4,3 to 19,1 kW - up to 250 Pa



- Fan coil unit
Coadis Slim**
- Low thickness fan coil
 - High static pressure for all air diffusion systems
 - Low noise



- Water/water chiller
Hydrociat R134a**
- Optimal solution for indoor installation
 - H.P.S. equipment
 - Low noise chiller
 - High cooling capacity: 420 to 1050 kW



- Dry coolers
and air cooled condenser
Vextra**
- Compact unit up to 40% roof saving
 - 200 to 1 350 kW - Up to 220 models



- Coadis Cassette**
- COANDA effect air diffusion cassette
 - Adjustable nozzles with high induction rate
 - Optimised comfort in the room
 - From 0,7 to 5 kW



- Precision
air handling
cabinet
Magister 2**
- Technical room air conditioning
 - High efficiency R410A refrigerant
 - New Airconnect control
 - Air flow rate up to 24 000 m³/h



- B.M.S. CMF 300**
- Windows BMS system
 - Control up to 300 V2000[®]



- Cassette Melody**
- New design
 - 4-way diffusion system
 - Silent unit
 - From 1,5 to 12.6 kW



- Fan coil Control V2000[®]**
- Ergonomic terminals
 - 3-point modulating valve actuator
 - BatiBus/KonneX bus communication
 - Designed by Siemens for Ciat



- Roof extractor
Vega**
- Smoke extraction 2h-400°C certificate
 - Excellent corrosion resistance
 - ABS roof
 - From 400 to 30 000 m³/h



- Air Handling Unit
UTA Standard**
- Technical and economical alliance for fresh air control
 - Compatible with V2000[®] fresh air controller
 - From 4,3 to 19,1 kW - up to 250 Pa



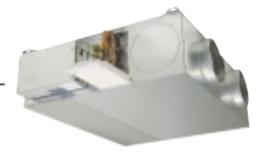
- Water/water chiller
Dynaciat**
- High energy efficiency
 - New R410A refrigerant
 - Brazed plates exchanger
 - Cooling capacity: 35 to 272 kW



- Packaged water chiller
Powerciat R134a**
- "Low noise" or "Xtra low noise" version
 - Packaged unit with hydraulic module
 - High cooling capacity up to 850 kW



- Air handling unit
Climaciat - Airtop**
- Cooling and heating with fresh air management
 - Up to 17 000 m³/h - 2 500 Pa



- Fan coil unit
Major 2 NCH**
- Sound proof expansion box
 - High efficiency coil
 - Reduced dimensions
 - From 0,6 to 8 kW - up to 90 Pa



- Fan coil unit
Coadis Comfort**
- Hotel & hospital application
 - COANDA effect for high comfort level
 - Packaged unit with ducting system



- COADIS cassette**
- "Coanda Effect" air diffusion cassette
 - Adjustable nozzles with high induction rate
 - Optimised global comfort in the room
 - From 0,7 to 5 kW



- Fan coil Control V20C**
- Individual electronic P.I. solution
 - Simplicity and performance
 - Automatic IC or manual control



Centralized Air Conditioning Systems

Commercial centres



Air handling unit Climaciat

- High standard A.H.U. for applications such as offices, industrial plant, hospital ...
- Air flow rate up to 66 000 m³/h - 2 500 Pa



Air cooled chillers Aquaciat 2

- Packaged unit with hydraulic module
- New R410A refrigerant
- "Low noise" or "Xtra low noise" configurations
- New advanced design
- Cooling capacity: 20 to 225 kW



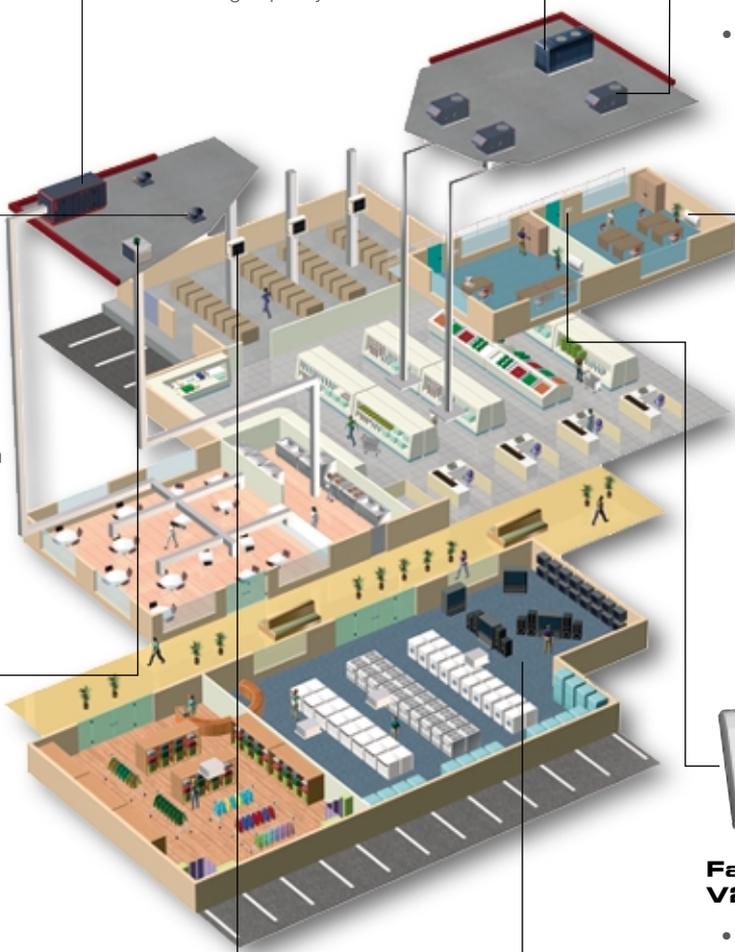
Roof top unit Cleanpack PH and Space PC

- High performance range
- High static pressure for all applications
- Air handling modules for flexibility
- High quality air treatment



Roof extractor fan TH 200

- Anti-UV ABS casing
- Variable speed motor IP 44
- Factory mounted on-off switch
- 700 m³/h



Fan coil Major 2

- "State-of The-Art" design
- Low noise level
- High efficiency coil
- From 0,6 to 8 kW



Smoke fan Magma

- Cased fan with belt and pulley
- Smoke extraction agreement : F400
- 20 models from 500 to 75 000 m³/h



Fan coil control V20A

- Individual electronic solution
- Simplicity and performance



Air heaters H3000

- Economical solution for heating and ventilating large volume areas
- Wall or ceiling mounted helicoid unit
- Multi-fluids
- Up to 130 kW with hot water heating



Water loop heat pump XH

- Decentralized solution for commercial centres
- From 2 to 41 kW horizontal reversible units