



↑ NEW COMFORT UNIT

COMFORTLINE

THE SUSTAINABLE COMFORT SOLUTION
ADAPTED TO ALL MARKETS



New comfort unit



Comfort Line

Performance - Comfort - Modularity

Comfort Line, the customisable solution to provide summer and winter comfort in new and renovated buildings.



The benefits

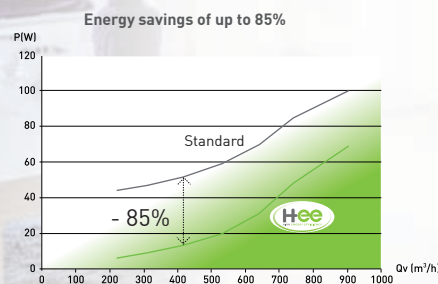
- Minimal dimensions in the suspended ceilings.
- Integration of the latest technical developments with a very-low-consumption HEE motor and the Epure function for high indoor air quality (IAQ).
- Available in 3 versions:
 - ✓ Comfort Line Premium (HEE motor and Epure function)
 - ✓ Comfort Line Standard (HEE motor and G3 filter)
 - ✓ Comfort Line Basic (5-speed AC motor and G3 filter)
- Total flexibility and adaptability (assembly, water temperature, diffusion, filtration, etc.).
- Easy maintenance, simplified access.

TECHNOFOCUS

Performance High Energy Efficiency



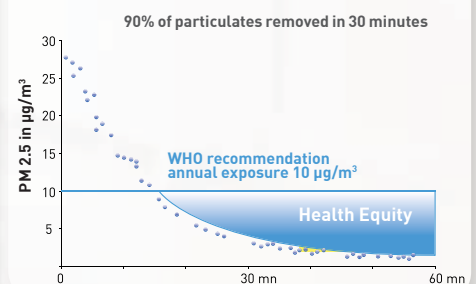
In order to promote energy efficiency in buildings, Comfort Line is equipped with an HEE motor which reduces the unit's electricity consumption by up to 85%.



Air quality



In order to safeguard occupants' health, Comfort Line incorporates Epure technology to guarantee excellent indoor air quality. This filtration reduces the concentration of PM 2.5 particles suspended in the air to below the limit recommended by the WHO (10 µg/m³).



Comfort Line has been fully designed using ecodesign principles and falls within CIAT's sustainable development policy

- Choice of suppliers located close to the production plant
- 94% recyclability rate
- Gain of 13% on the LCA
- Since 2013, CIAT has been in partnership with ECOLOGIC for the collection and recovery of waste from our appliances at end of life, subject to the WEEE directive



System solution

Comfort Line Office,



OFFICES

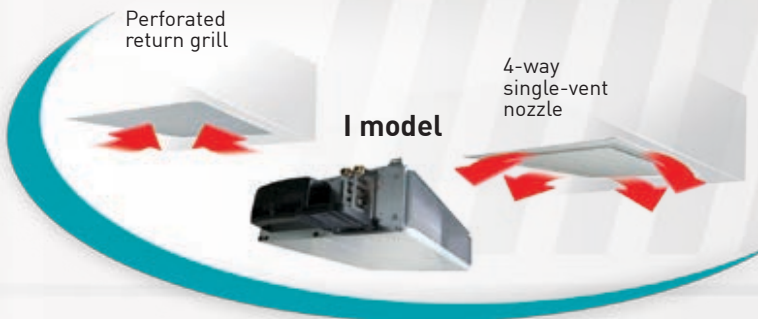
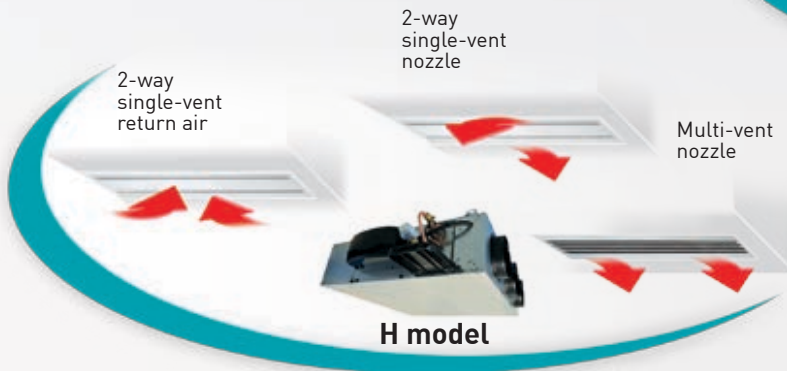
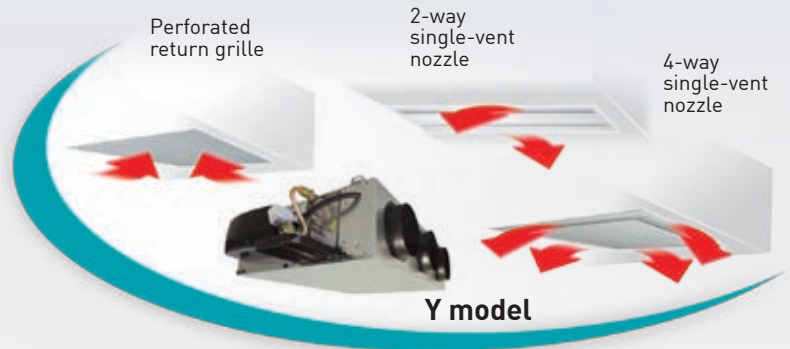
Comfort Line Office is adapted to the specific needs of each tertiary sector project, whether this be a new construction which strictly complies with thermal regulations (EPBD), or a renovation project aiming to improve energy performance.



MODULARITY

Diffusion range

Combined with the diffusion offer, Comfort Line guarantees control of the comfort and air quality, for any type of suspended ceiling:



Capacities covered by Comfort Line in Eurovent operation:

- 2-tube cooling capacity (27 °C, WB19, 7/12 °C): 0.5 to 18 kW
- 2-tube heating capacity (20 °C air, 50 °C water): 1.3 to 41 kW
- 4-tube cooling capacity (27 °C, WB19, 7/12 °C): 0.5 to 16 kW
- 4-tube heating capacity (20 °C air, 70/60 °C water): 1.3 to 22 kW



System solution

Comfort Line Hotel/Senior,



HOTELS



HEALTHCARE

PERFORMANCE

Comfort Line Hotel/Senior is designed to meet the needs of hotels and healthcare establishments. The range offers well-being for occupants and peace of mind for managers. Thanks to the Epure function, Comfort Line perfectly controls the indoor air quality and eliminates any possible bio-effluents.



COMFORT

System solution

Comfort Line Home,



COLLECTIVE
HOUSING

Far beyond simple heating, Comfort Line Home provides residents with clean, filtered air in all seasons thanks to the Epure function, therefore reducing allergens and other respiratory discomfort.

Combined with the V3000 controller, it gives the user simple and responsive control.

Comfort Line Home is located in the entrance hall and using ducts, it discreetly diffuses the ideal temperature into each room.

CIAT

Hysys[®], integration into the water loop system

Comfort Line can be integrated into the CIAT-designed Hysys[®] water loop system solutions. These solutions combine compatible equipment to provide comfort, indoor air quality and energy optimisation.



V3000 control



Intelligent control of the Hysys[®] system



Easy CIATControl enables managers or occupants to configure and control all Hysys[®] integrated equipment (up to 180 comfort units) easily and intuitively via its colour touch screen.

Easy CIATControl adapts effortlessly to redevelopments or the reorganisation of the building.

Smart CIATControl controls, up to 3 water loops using one single touch screen. Smart CIATControl features scenarii for tracking consumption levels, measuring energy performance and managing maintenance. Smart CIATControl controls an installation via a computer, a tablet or a smartphone.

3 performance packs to select the best system solution

The major advantages of the Hysys[®] energy system complement each other according to the priorities of each project in terms of comfort, indoor air quality and energy optimisation. 3 progressive performance levels are possible:

Comfort pack ★★

Combines the benefits of the water loop with V30 controllers.

HEE comfort pack ★★★

Integrates **high performance** motors, **certified V3000** controllers and centralised **Easy CIATControl** water loop control.

HEP comfort pack ★★★★★

In addition to HEE performances, HEP integrates **IAQ functions** including **Epure** and CO₂ management. The system's efficiency is continuously optimised by **Smart CIATControl**.





With almost 80 years' experience, more than 2000 employees, and 6 production plants including a vast industrial complex in the Rhône-Alpes region, CIAT has obtained ISO 14001 certification and is renowned as a major player in the HVAC industry.

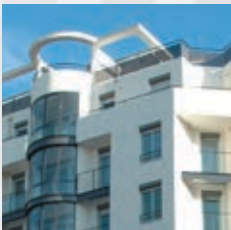


CIAT Group European leader
in heating, summer comfort and indoor air quality

A complete range of comfort units



A few CIAT references



Palais Pharos
Lyon – France



Four Seasons Hotel
Saint Petersburg – Russia



Mas de Lauze Assisted
Living Accommodation
Nîmes – France



Varyap
Istanbul – Turkey



Colindale
police station
London – United Kingdom



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