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→ The 1st water circulation system
for heating, cooling and air quality

Hysys Office **5.25**

“Water has never brought so
much well-being to the office



O F F I C E S

Hysys Office 5.25

A more comprehensive solution for 3 guarantees of excellence

Hysys Office 5.25 combines all of CIAT Offices' expertise, across the 3 fundamental principles which underpin the success of our group: personal comfort, indoor air quality and the energy efficiency of buildings.

Indoor air quality and fresh air management

Clean air for a stimulating working environment

Filtration by ventilation and comfort units guarantees the reduction of pollutants in indoor areas. The well-being and health of the occupants are thereby preserved.

Comfort

Adjusting individual comfort at will

The comfort units control workspaces both flexibly and completely. Each occupant benefits - in winter and summer alike - from a homogenous and tailored level of well-being, allowing them to work in the best possible conditions

Energy optimisation

Minimum cost and environmental impact

The system is based on water, the best fluid for transferring heat, and ensures optimum energy efficiency without the need for expensive and potentially dangerous refrigerant fluid to be present inside the building.



Hysys Office 5.25

Unique support, from the design of your project to its successful completion.

CIAT Offices

Experts at your service

To develop Hysys Office 5.25, CIAT has drawn on the vast experience of its teams. Our Offices experts assist you in all your plans, from the most efficient to the most complex.

Hysys Design

The efficiency of a ready-to-install system

Hysys Office 5.25 is based on Hysys Design, a software program developed by CIAT that simplifies the design process for the climate control part of your project. In just a few minutes, it automatically designs the entire system, based on your list of specifications.

Hysys Energy

The signature of CIAT Environment

Hysys Office 5.25 is your main ally in terms of compliance with the EU EPBD directive and current heating regulations. What's more Hysys Energy, exclusively developed by CIAT Environment, simulates the energy cost of your future climate control system right from the design phase.



Hysys Office 5.25

A new modular package for heating, cooling and indoor air quality based on water circulation.

Reducing the CO₂ impact

The world demands sustainable workplaces,
you create low-energy buildings

Today, equipment for commercial buildings is an excellent domain for increasing energy savings and preserving the environment. There are many legitimate demands: buildings must be heated at a reasonable cost, they must provide a comfortable working environment in the summer, and must guarantee an excellent indoor air quality in polluted environments. CIAT Offices addresses all these challenges for you with a simple, economical and modular solution: Hysys Office 5.25

...for you,
CIAT has invented the eco-office
with **Hysys Office 5.25**

Hysys Office 5.25 is the first entirely modular pack designed by CIAT to construct or renovate a commercial space while meeting environmental standards and economic demands. Depending on the needs of your project, Hysys Office 5.25 links heat pumps complete with CIAT-exclusive dual-flow heat recovery ventilation. The complete system is defined automatically making it perfectly suited to all the configurations. The needs of future occupants are quite simply met.

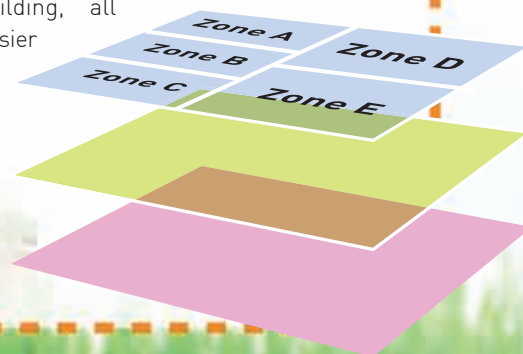


Completely modular

for easy-to-achieve comfort

5 zones, 25 workstations, all energy independent

Flexibility. An essential word today for those wishing to successfully implement a new or renovated construction project in the tertiary sector. Hysys Office 5.25, is not only a modular design, it also offers complete flexibility in daily management, development, redevelopment, etc. And because with Hysys Office 5.25 there are no chemical refrigerant fluids in the building, all modifications are easier to implement.



High
Environmental
Quality



H₂O air quality

Water, the best solution for heating and cooling

Greater comfort: water is the best fluid for transferring heat. Careful control and complete comfort for occupants.

Greater energy efficient: the homogeneity and the thermal stability of water reduce the energy requirements for transferring calories. Your system provides better comfort while consuming less.

Less fluid: With Hysys Office 5.25 the only refrigerant load required is contained in the heat pump, which is located outside the building. There are no toxicity risks for the occupants in case of a leak (**standard EN 378**).

Lower CO₂ impact: with the load of refrigerant fluid divided halved the system and thanks to its energy-efficient operation, Hysys Office 5.25 significantly lowers the TEWI (Total Equivalent Warming Impact) index of the system.



Reduced maintenance: water circulation eliminates the need for bi-annual checks inside the offices themselves (which are required for a system that distributes refrigerant).

Hysys Office 5.25, total flexibility for new and renovated projects



Hysys Office 5.25 is a solution that guarantees total adaptability. Whether used for a new system or to improve an existing system, it allows you to design a customised global system according to your choices and the needs of future occupants.

When used in renovation, it adapts to all the existing configurations, whether or not there is a suspended ceiling. For projects in which the spaces are being altered, the system's flexibility allows it to adapt better to all the requirements.

Hysys Office 5.25: total freedom of design, inevitably making your project unique.



Hysys Office 5.25

Water and technology work together to

Today, too many systems require the circulation of a refrigerant fluid inside the building. The solution is to be found by choosing a better solution: water.

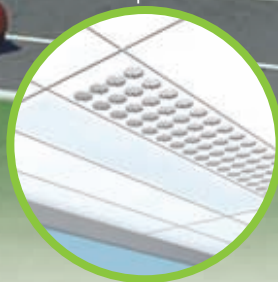
NEW RENOVATION



Floway
Dual-flow
heat recovery
ventilation unit



Aquaciat Grand Inverter
Heat pump
with Inverter technology



**Coadis 2
or Combi diffuser**
associated with a ducted
comfort unit, **Major**



Easy C
Energy and
management

to design

the eco-office

building. With CIAT, achieve your environmental and economic objectives

RENOVATION MAINTENANCE



CIATControl
and comfort level
at your fingertips



Floway
Dual-flow
heat recovery
ventilation unit



Major Line
Comfort unit
Efficiency and design



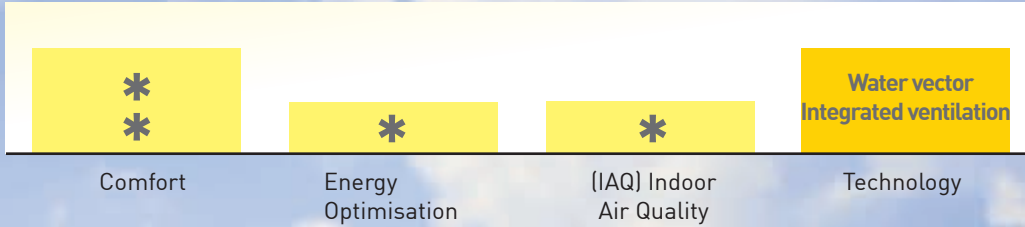
Aquaciat 2
Heat pump

3 packs with different levels of performance for achieving excellence

Hysys Office 5.25's modularity offers three levels of environmental performance. Choose the solution best tailored for your project, the standard of living you desire, and your environmental objectives:

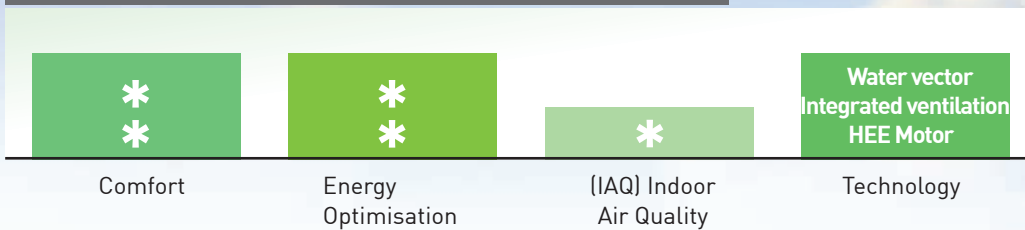
COMFORT PACK

Overall performance



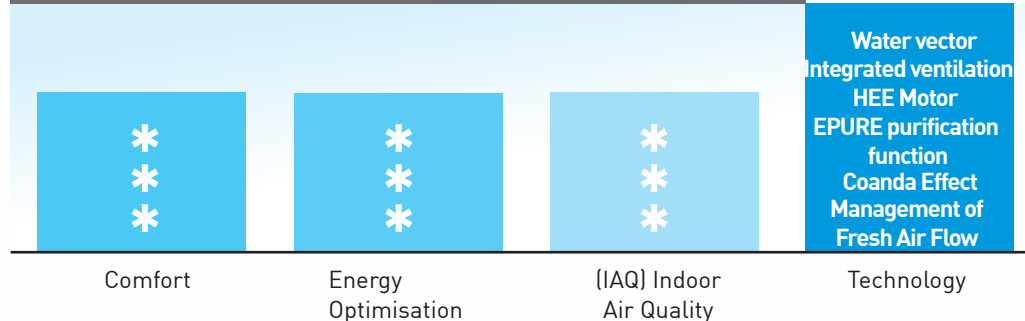
COMFORT Hee PACK

The energy signature makes use of innovation



HEP PACK (High Environmental Performance)

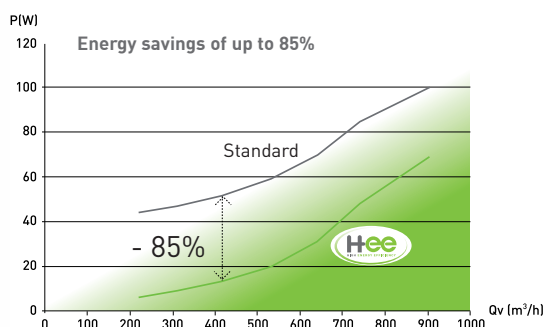
The best technology for sustainable well-being



TECHNOFOCUS

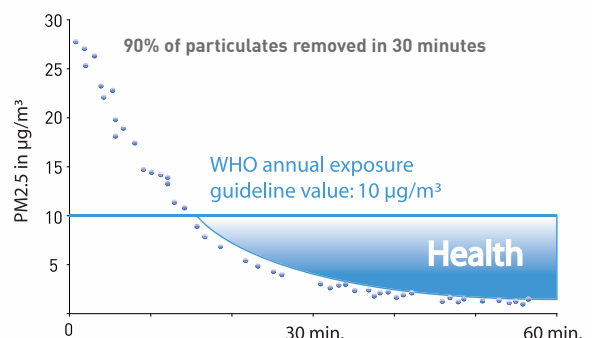
HEE by CIAT

CIAT comfort units and heat pumps equipped with High Energy Efficiency components (exclusively from CIAT) save up to 85% more energy, for optimised comfort and improved reliability. This equipment makes a significant contribution to compliance with energy and environmental standards and certifications such as HQE.



Function *Exure* by CIAT

The interior air purification function, achieved by high performance filtration in the comfort units, has been developed using CIAT's expertise in the area in healthcare establishments. When used in offices, it reduces the levels of fine particles to below those recommended by the WHO. With CIAT, you can offer your clients a building that safeguards the health of its occupants.



CIAT Group

A European leader,
on a world scale

With 2200 employees and 9 production sites including a large industrial complex located at the foot of the French Alps, CIAT, an ISO 14001 certified company, is a major player in sustainable climate control systems.



Research & Innovation Centre

Developing applications to help you



In one of the largest centres in Europe, which is equipped with a simulation platform dedicated to well-being, our engineers and technicians work daily to improve the comfort, the indoor air quality and the energy efficiency of your solutions.

An exclusive network of advisers

Experts that speak your language

Even closer to you, wherever you may be, CIAT Offices has specialists in every region and in every country.

Your projects have no boundaries? Our solutions know no limits.

