Your challenges

- Energy savings
  Energy is a major cost item for entertainment hall managers. Energy-efficient systems can significantly reduce the overall operating cost.
- Visitors comfort
  Thermal and acoustic comfort, air quality; nothing should be left to chance, least of all your visitors’ comfort.

Customer satisfaction as a core value

- Personalised study of each project
- Comfort/insulation
- Climate chamber
- Environmental consideration

ETT is strongly committed to customer satisfaction. For this and, we have built up a comprehensive network of professionals. Each project is assigned a contact person according to his project and requirements. Our extensive experience in the HVAC industry is also bolstered by the expertise and dedication of our teams. Design,Rewards, expert consultants, ETT services network.

ETT & ecodesign:
GREEN DESIGN involves DECONSTRUCTION: ETT units are 98% recyclable, including:
- Energy: ETT innovations in heat transfer solutions.
- Aluminium: aluminium is endlessly 100% recyclable.
- Low-plugging ETT manufacturing process: selective sorting, waste recovery, 40% of waste recycled, no paint on casing, no use of solvent.
- Consumables: efficient waste management: ETT units include ‘ecodesign’ or filters (selective sorting: frame - grille - media).

ETT services
- ETT technical support team is spread across Europe and Africa to share their expertise and offer you the right solution for your application.
- Optimize your energy costs: ETT Service Contract decreases the total cost of your HVAC equipment.
- Equipment upgrades: energy efficiency optimization, circuits restoration, commissioning, remote communication.
- Regular audits: maintain a high level of energy efficiency and keep your operating costs low.
- Train your teams: operation and maintenance training, advanced operational training.

Guarantee
ETT air-handling units are contractually delivered with a one-year guarantee in France and abroad.
For maintenance, France: the guarantee covers a year of guarantee in France and abroad.

Spare parts
ETT spare parts catalogue is available for download at www.ett.fr.

Compliance
All units are checked and inspected according to a certification process in conformity with a standard.


Spare parts: units delivered with an SC certificate of conformity.

ETT control and communication
ETT units are controlled through the ETT SysCom communication systems which ensure precise and reliable control of the units for optimal energy efficiency.
ETT units are connected to an ETT SysCom communication system to facilitate unit management through the internet.
You can choose to monitor your consumption with:
- CCG: local communication system for a single unit.
- PCC: local communication system for several units.
- PGD: fieldbus: local communication system with remote display.
- Mediacom: internet-based communication system (with high credentials).

www.ett-hvac.com
www.ett-hvac.com

Reference: TEL (PFA 06 24 A)
ETT, IMPROVED THERMAL AND ACOUSTIC COMFORT

We developed specialised units to ensure optimal comfort in entertainment halls, regardless of the occupancy rate.

Energy savings

Heat pumps are an efficient, sustainable and cost-effective friendly solution for entertainment halls heating and air conditioning. They offer optimum performance with low energy consumption.

Acoustic comfort

Environmental noise reduction is a key challenge for entertainment halls. Our ETT units are specifically designed to meet these acoustic and comfort requirements:

- Variable cooling system (SRV)
- Specialised for variable occupancy facilities
- Easy air flow rate adjustment during commissioning
- High-performance plug fan
- Filtered air
- Motor speed reduction in part load and full load operation
- Fresh air modulation without indoor pressure change
- Tailored solution for theatres and other entertainment halls
- Fresh air modulation from 0 to 100%
- Dimensions and capacities specially adapted to your project requirements

Installation

ETT units can be installed either indoor or outdoor (on the roof) or indoor (in a technical room).

ETT Services

Our team will guide you every step of the way, from commissioning to operational support.

Technological solutions

specially adapted to the constraints of facilities open to the public

1. Cooling

Energy efficiency

- FR CH
- PAC AIR
- PAC CARE

2. Ventilation

Air flow adapted to occupant needs thanks to innovative technology

- ECH
- EDS
- EDS RECYCLING

3. Heating

Energy recovery for optimised consumption

- OCCUPANCY/HEAT RECOVERY MODE
- 100% RECYCLING MODE
- OCCUPANCY 100% FRESH AIR MODE
- 100% RECYCLING MODE
- OCCUPANCY/HEAT RECOVERY MODE

Double flow - Thermodynamic heat recovery

FR CH HPE+ RL
Heat pump with thermodynamic heat recovery
Indoor or outdoor installation

Specially designed for variable occupancy facilities
- Easy air flow rate adjustment during commissioning
- High-performance plug fan
- G4 filter + F7 fibreglass-free filter
- Motor speed reduction in part load and full load operation
- Fresh air modulation without indoor pressure change
- Rotary heat exchanger for energy recovery compensated by a thermodynamic system
- Audible heating/cooling may be required in some cases

Double flow - All fresh air

PAC AIR DX
Double flow heat pump with recovery module with rotary heat exchanger
Indoor or outdoor installation

Tailored solution for theatres and other entertainment halls
- Fresh air modulation without indoor pressure change
- Rotary heat exchanger (50% minimum recovery efficiency)
- Fresh air modulation from 0 to 100%
- Dimensions and capacities specially adapted to your project requirements

Room air probe

CO2 probe

ETT SysCom

PGD TOUCH

The PGD Touch system allows you to control one or several units through HYOBIOS IP45 serial communication with the main controller.

In multiple-unit installations, the display is connected to the flat unit and units are connected to one another via serial communication (MODBUS RS485).

The PGD Touch system includes a 7” touch-screen display.

ETT BMS

The ETT Building Management System (BMS) combines a CPU with a 17” colour display, a keyboard and a colour printer.

It allows general installation management and automatic transmission of parameters to the units, for optimised operation, better comfort and reduced energy consumption.

ETT, our expertise for your project