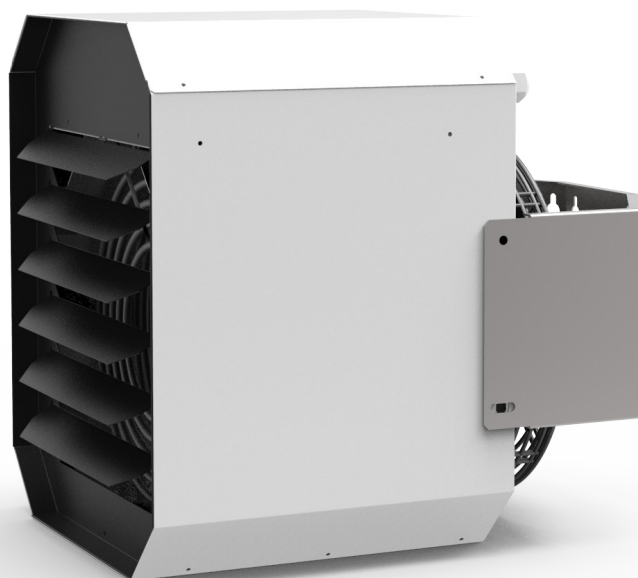




EH

Modulating electrical heater



Smart, efficient and
connected heating

YAHTEC COMPANY



YAHTEC designs and manufactures heating solutions for industrial and commercial markets as well as agriculture, . Since 1987, we have been committed to providing efficient, durable, and innovative systems that meet diverse customer needs, all proudly developed in our highly automated production facility in France and distributed internationally.

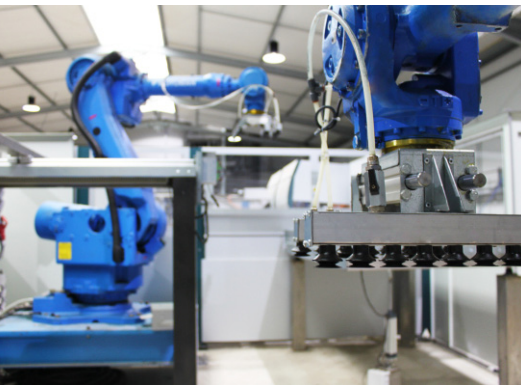
R&D

YAHTEC reinvests 10% of its revenue into Research and Development, continuously innovating to provide efficient and cutting-edge solutions.



Every year, YAHTEC makes substantial investments to achieve technical excellence through:

- Flow simulation, CAD software, and advanced numerical calculations
- Automation of production lines
- Welding robots and laser cutting
- Fully automated testing facilities and acoustic chambers
- Autonomous mobile robots for pallet handling



Through partnerships with various institutional organizations, YAHTEC closely monitors market developments, contributes to product standardization, and explores solutions to meet emerging environmental requirements.

Since 2008, we have enhanced the environmental performance of our processes, operations, and products. Eco-efficiency has become central to our business model and company culture, prioritizing the design of efficient products and renewable energy systems with low CO2 emissions.

Production

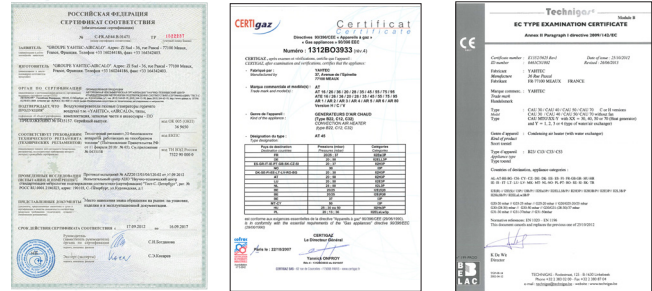
We have high standards when it comes to production. After extensive development, we are one of the few manufacturers in France to use a fully robotized assembly line and automated systems. This enables us to maintain competitiveness and deliver a high level of quality for our partners.



Proud of its strong industrial roots, YAHTEC is fully part of the French Fab movement, which brings together and promotes the excellence of French industrial know-how. This commitment reflects our ambition to combine innovation, competitiveness, and responsibility in order to build a modern, sustainable, and globally oriented industry.

Quality

We believe in quality as a core corporate value. By adhering to the highest safety and quality standards, we consistently deliver reliable products to our customers. Every YAHTEC product undergoes comprehensive end-of-line testing, including a series of semi-automated tests conducted with the support of an operator. This rigorous process ensures unparalleled performance and reliability.



CSR commitment

We believe that true performance lies in the balance between economic growth, social responsibility, and environmental stewardship. By signing the CSR Charter, we strengthen our ambition to build a sustainable company, fully aware of its impact and actively engaged in driving positive transformation within its ecosystem.

Our commitment is built upon three key pillars:

- Social responsibility: fostering well-being at work, supporting inclusion, and encouraging the continuous growth and development of our employees.
- Societal responsibility: strengthening our relationships with partners, clients, and our local community, based on dialogue, collaboration, and shared values.
- Environmental responsibility: reducing our ecological footprint, optimizing our processes, and integrating more sustainable practices into every stage of our activities.

Application areas

YAHTEC operates on the heating and cooling market for industrial and service sectors.

Industries / Warehouses / Commercial shops / Sport halls



Poultry houses / Greenhouses



ELECTRICAL HEATER



The EH 15/30 modulating electric heater is designed to provide efficient and reliable heating for industrial, commercial, and large open spaces such as workshops, warehouses, and sports halls. Unlike traditional electric heaters, it adapts its power output to the actual temperature demand, ensuring consistent comfort while significantly reducing energy consumption. With its smart control features and simplified installation, the EH heater combines performance, energy efficiency, and connectivity, making it a future-ready solution for modern buildings.

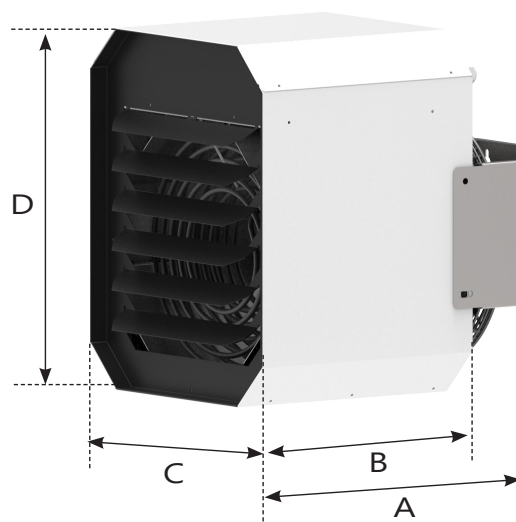
The advantages of modulating heating

- **Energy savings:** Thanks to power modulation, the EH heater reduces energy consumption by more than 25% compared to standard electric heaters, lowering both operating costs and carbon footprint.
- **Comfort:** The system adapts heating output to room conditions, avoiding temperature fluctuations and ensuring a stable, pleasant indoor climate.
- **Adaptive airflow with EC fan:** The EH30 model is equipped with a variable-speed EC fan that automatically adjusts airflow according to the supply air temperature. This prevents cold air from being circulated when the unit's power is reduced, guaranteeing consistent comfort.
- **Simplified installation:** No neutral conductor required (4 instead of 5 wires), integrated thermostat, flexible power cable, and an adjustable mounting bracket with three vertical positions and three horizontal positions.

Technical characteristics and dimensions

Technical characteristics	EH15	EH30
Maximum/minimum power capacity	15 / 8 kW	30 / 16 kW
Voltage supply	Three-phase 380 V	Three-phase 380 V
Fan protection	IP44	IP44
Max. current	23 Ah	46 Ah
Max. Air flow	1 200 m ³ /h	2 200 m ³ /h
Air flow variation	No	30% to 100%
Communication with thermostat	Wifi	Wifi

Dimensions	EH15	EH30
A - Lenght with fixation	550 mm	665 mm
B - Lenght without fixation	440 mm	556 mm
C - Width	400 mm	400 mm
D - Height	515 mm	515 mm
Unit weight	25 kg	28 kg
Fixation weight	3 kg	3 kg



CONTROL



The EH heater offers flexible and intuitive regulation options to meet every need. It can be controlled with a tactile wall-mounted thermostat for simple and direct operation. A single thermostat can manage up to 6 EH units simultaneously, ensuring centralized and efficient control. This smart connectivity allows users to adjust settings, schedule programs, and monitor performance locally, guaranteeing optimal comfort and maximum energy efficiency at all times.

Smart and connected control

With a simple setup, the user can define comfort or savings preferences:

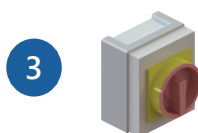
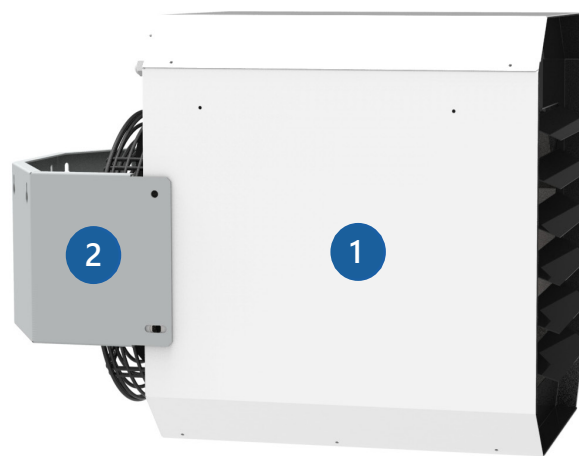
- **Wifi communication:** Direct communication with the EH heater, easy setup.
- **User-friendly design:** Clear interface, simple controls, suitable for all users.
- **Added value:** Optimizes energy efficiency, ensures comfort anytime.

Control features

- Selection of control modes: Auto / Comfort / Stop
- Weekly timer programming with day and night temperatures
- Maximum power limitation for energy management
- Multi-language support for intuitive use in different countries

PRICE LIST

Description		Price (excl. VAT)
Modulating electrical heater 15 kW	1	Consult us EH15
Modulating electrical heater 30 kW	1	Consult us EH30
Wall mounting support	2	Included
Disconnectable terminal block 32A for EH15	3	Consult us BSAT4P
Touchscreen thermostat (control up to 6 units)	4	Consult us TW1





1 Av de l'Épinette - 77100 Meaux- FRANCE

Tel.: +33 (0)1 60 24 41 86

Mail : info@yahtec.com

Site : www.yahtec.com

