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➔ Inverter heat pump

Aqualis Inverter

“*Increased savings
for all your needs*”



RESIDENTIAL



Aqualis Inverter

Inverter heat pump

Continuously

Integrating DC Inverter technology, the latest generation of the Aqualis range offers new benefits linked to the modulation of its heating capacity: up to 20% when compared to conventional heat pump models and much quieter operation. The Aqualis Inverter offers new levels of performance for domestic hot water production, cooling of interiors and heating of pools.



CIAT, mastering indoor comfort

The Aqualis Inverter is a heat pump designed to back up a boiler for new or existing homes. Thanks to its large water temperature range (from +30 to +60°C), this heat pump supplies emitters such as underfloor heating and cooling systems, fan coil units or low temperature radiators, and also produces domestic hot water (SANI 300L option) efficiently. The Aqualis Inverter also offers the option of being run in cooling mode in summer.



DC Inverter technology: offering more, consuming less



The Aqualis inverter is equipped with a variable speed compressor: by continuously adapting its power to suit the user's heating requirements, consumption is optimised and with fewer start-ups, which use a lot of electricity, it provides smooth operation and continual comfort. A product of CIAT's renowned expertise and, in particular, equipped with most up-to-date electronics, the Aqualis Inverter has a coefficient of performance (COP) greater than 4.



Up to 50% off your domestic hot water bills



The Aqualis Inverter does not just heat homes. Complemented by a SANI 300L tank or PACSOL (heat pump paired with solar panels), its high level of efficiency also enables it to produce domestic hot water for the whole family at half the cost of a conventional tank.





Testimonial:

With CIAT's Aqualis Inverter, as with all the equipment in my future home, I have chosen the best there is. It benefits from all the latest technology, such as its Inverter system. Thanks to Aqualis Inverter, my family can enjoy economic, absolute comfort: heating in winter, abundant hot water all year round and, in addition, the comfort of having our living areas cooled in summer. It will even be able to heat the water in the pool we are planning to build in front of the terrace.



adapts to your heating needs

Multi-comfort and inverter:



Name: Aqualis Inverter

Function: air-source Inverter heat pump

Power: 5.3 kW to 13.7 kW

Energy efficiency: COP greater than 4. Hot water at 60°C at external temperatures of -10°C and operating at temperatures as low as -20°C

Savings: up to 60% in comparison to heating with fossil fuels

Environmental impact: CO₂ emissions reduced by three quarters



**Microconnect controller:
comfort at your fingertips**

The real brains behind this heat pump, the MicroConnect controller is installed in your living area and is easy to access. It optimises your comfort every day. In boiler back up operation, MicroConnect coordinates the operation of the two pieces of equipment; it guarantees the equipment's remote control, room thermostat and status checking functions.

Enjoy your pool for longer

From the first rays of spring sunshine to the last days of summer, when there is no need to keep the house continuously heated, get maximum enjoyment from your pool with the kit supplied with the Aqualis Inverter as an option. Using the MicroConnect control terminal, all you need to do is select the desired temperature and the whole family can dive straight in!



air-source heating

Aqualis Inverter

2 models, multiple combinations

Whatever your project, the Aqualis Inverter can adapt its power to meet your demands.

Aqualis Inverter		33H	44H
Heating capacity	kW	5.3 - 10.2 - 11.9	5.4 - 12.1 - 13.7
Power input	kW	2.48	3.07
COP		4.12	3.93
Sound level*	dBA	44	46
Electrical supply		230V - 1ph - 50Hz	
Weight	kg	144	



*Based on the conditions: Water 30°C/35°C with external 7°C DB/6°C WB
Sound pressure level at 5 m, free field, directivity 2, +3 dB(A)*

CIAT, the leading manufacturer of heat pumps in France

Located at the foot of the Alps, CIAT has been designing and manufacturing heat pumps for more than 35 years. Backed by one of the largest Research and Innovation centres in Europe and with 9 industrial sites, the company provides over 70 countries with equipment which guarantees comfort, indoor air quality and energy optimisation to all.



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