



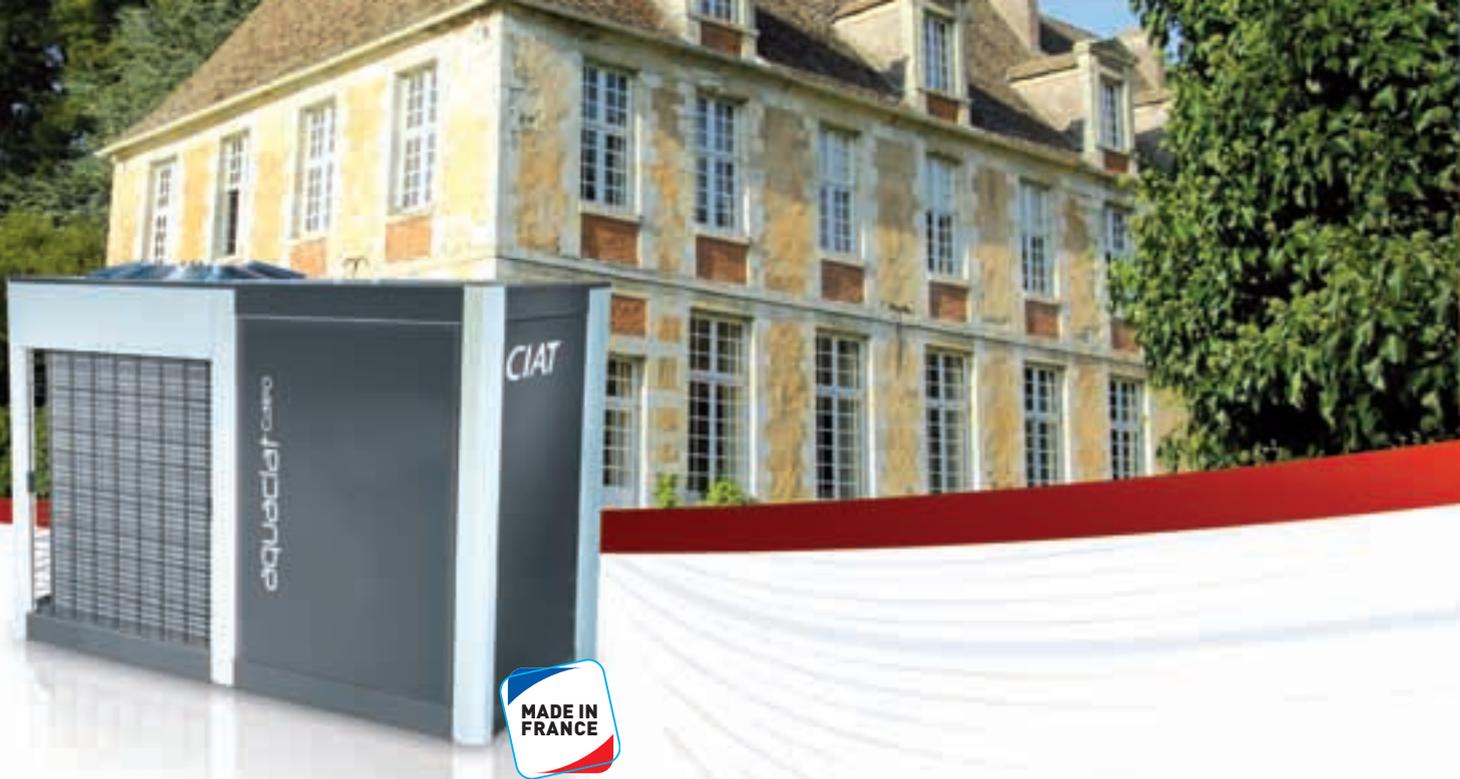
→ High Power **High Temperature** Heat Pump

Aquaciat caleo



*The first heat pump
for large homes*





Aquaciat caleo

Heat pump

The high temperature
to meet your heating needs

Now, at long last, it is possible to live in a large house without heating costs breaking the bank, thanks to the Aquaciat caleo, the first high power, high temperature air-source heat pump from CIAT! Lower energy costs, lower taxes, less CO₂... your comfort attains excellence.

50 kW
High
power

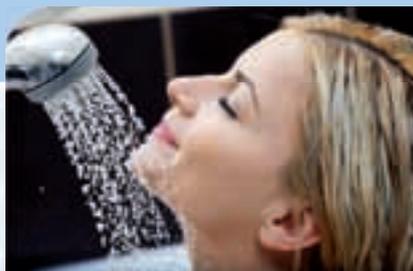
High temperature & high power:
A key innovation
from the industry's n°1

For the first time, CIAT has linked high temperature, technology in which the company excels, with power capacities up to 50 kW, corresponding to your requirements for refurbishing large housing. Large villas, ancestral homes or even manor houses, whether completely refurbished or poorly insulated, the Aquaciat caleo is the ideal solution from 300 m².

65°
High
temperature

Change your heating without
changing your system

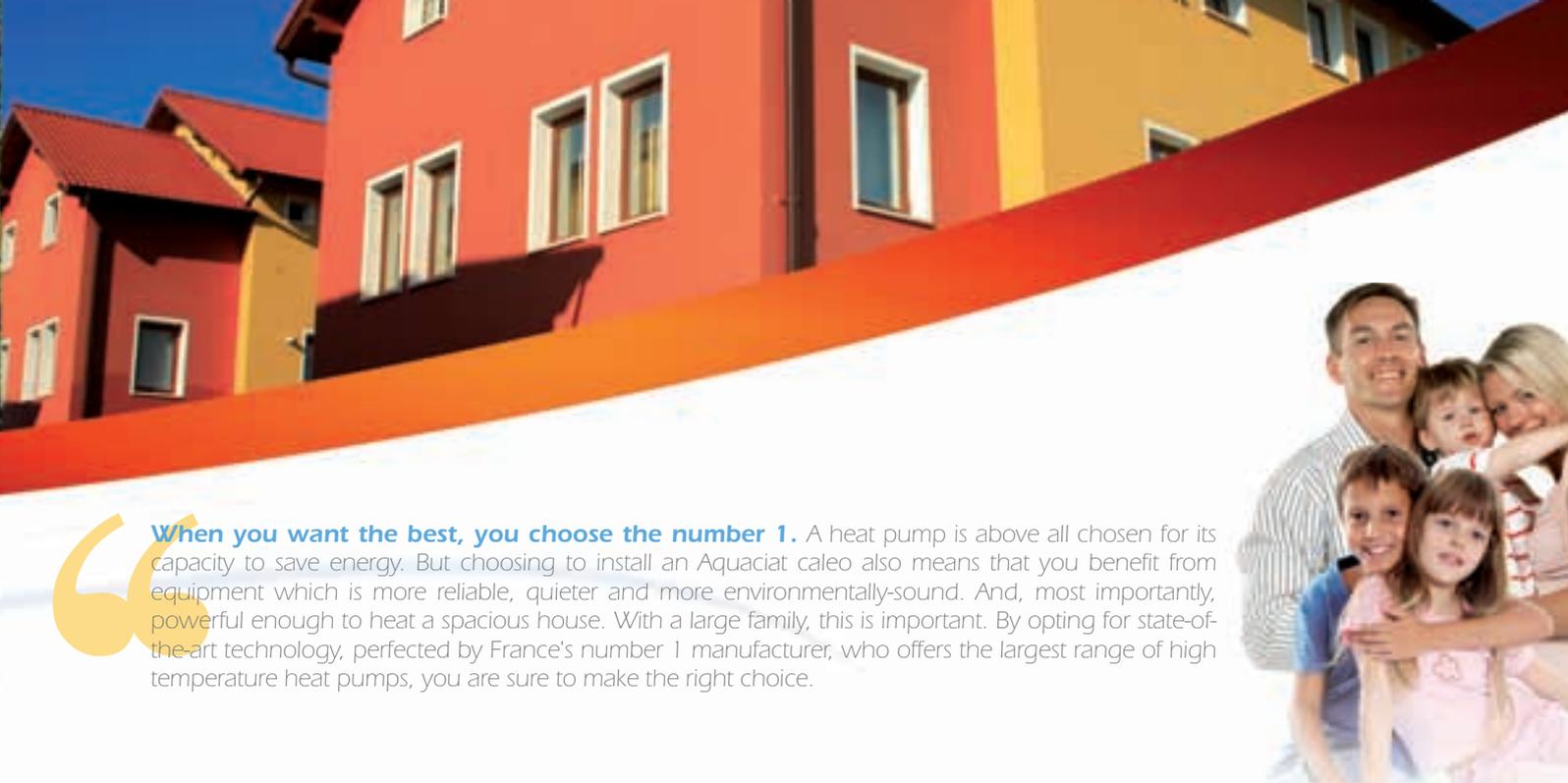
This new generation of heat pump, which replaces or backs up your boiler, produces water heated to 65°C with exceptional efficiency and can operate in outdoor temperatures as low as -20°C. The Aquaciat caleo can simply be connected to your existing radiators, with no need for major work inside.



50% off your domestic
hot water bills

Aquaciat caleo does not just heat homes. Connected to an exchanger and a storage tank, 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. Automatically programmed at off-peak times, your consumption is halved.

CIAT



When you want the best, you choose the number 1. A heat pump is above all chosen for its capacity to save energy. But choosing to install an Aquaciat caleo also means that you benefit from equipment which is more reliable, quieter and more environmentally-sound. And, most importantly, powerful enough to heat a spacious house. With a large family, this is important. By opting for state-of-the-art technology, perfected by France's number 1 manufacturer, who offers the largest range of high temperature heat pumps, you are sure to make the right choice.

High temperature, high power solution

Benefits: economic and environmentally-sound heating for large homes

High temperature & high performance:



Name: Aquaciat caleo

Function: high temperature air-source heat pump

Power: from 25kW to 50kW

Technological innovations: 1st combination of high temperature & high power, variable ventilation

Energy efficiency: maximum (COP close to 4)

Savings: up to 60% as compared to heating with fossil fuels

Operates in extremely cold weather: outdoor temperature as low as -20°C

Acoustic comfort: no noise from the boiler and low external sound level



Microconnect controller: comfort at your fingertips

The real brains behind the Aquaciat caleo, 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 also manages 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 Aquaciat caleo as an option. Using the MicroConnect control terminal, all you need to do is select the desired water temperature and the whole family can dive straight in!

air-source heating

Aquaciat caleo heat pump

4 models for large homes

Large villas, ancestral homes or even manor houses, completely refurbished or poorly insulated... However your home is laid out, the Aquaciat caleo can adapt its power to meet your demands.

Aquaciat caleo	Heating capacity kW (1)	Heating capacity kW (2)	Power input kW (1)	Power input kW (2)	COP (1)	COP (2)	Sound level dB(A) (3)	Mass kg	Electrical supply V - PH - Hz
80Z	25.4	24.40	7.9	6.70	3.22	3.64	52.5	389	400 - 3 - 50
100Z	35.5	34.10	10.4	8.90	3.41	3.83	52.5	463	400 - 3 - 50
120Z	43.0	40.20	12.6	10.10	3.41	3.98	52.5	477	400 - 3 - 50
150Z	49.1	46.60	14.2	11.90	3.46	3.92	52.5	514	400 - 3 - 50



Based on the conditions: (1) Water 45°C/40°C with external 7°C DB/6°C WB (2) Water 35°C/30°C with external 7°C DB/6°C WB (3) Sound pressure level at 5m 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.



BP 14 - 01350 Culoz - France
 info@ciat.fr - www.ciat.com