



→ High-temperature heat pump

“Ageo caleo

Give your existing home the best with geothermal energy



Ageo caleo uses

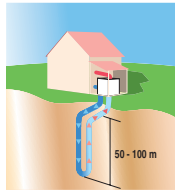
Designed to operate with large differences in water temperature, Ageo caleo is destined exclusively for installation on a radiator system.

Domestic hot-water production, pool heating and other options can be added for even greater comfort.

Ageo caleo extracts free heat from groundwater or the earth



Groundwater loop



Vertical loop



Ageo caleo Maximum capacity, Minimum dimensions!

CIAT - France's No. 1 manufacturer and the choice you can trust

CIAT has been designing and manufacturing heat pumps for over 35 years. At our factory in Serrières en Chautagne located in France's Rhône-Alpes region, which is part of a vast industrial structure dedicated to HVAC engineering, CIAT designs and manufactures comfort equipment for new and renovated homes. When you choose a CIAT heat pump, you also benefit from the advice and service of our exclusive network of local experts.



AGEO CALEO	Heating capacity (1) kW	Power input (1) kW	COP	Weight kg	Power supply
50 H	16.6	3.2	5.1	151	230 V-1-50Hz
50 HT	17.4	3.5	5	151	400 V-3-50Hz
65 HT	20.6	4.1	5	161	400 V-3-50Hz
80 HT	25.2	5	5	165	400 V-3-50Hz

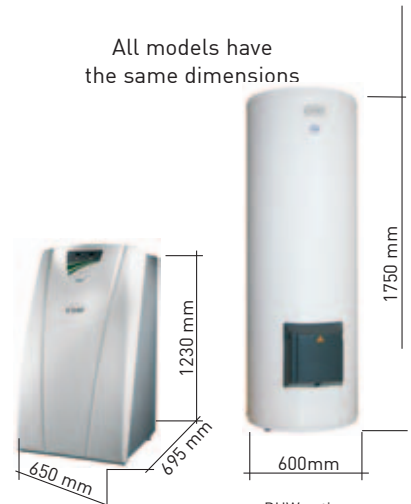
(1) Capacities given for a water temperature range of 45°/25°C and an evaporator temperature of 10°C.



RESIDENTIAL

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All models have the same dimensions



DHW option
300 l DHW tank

The geothermal energy solution that does away with boilers in existing housing

Now, thanks to Ageo Caleo, any existing home can benefit from high temperature geothermal technology.

Designed specifically to operate with an existing radiator system, this new water-to-water heat pump replaces conventional boilers, thus allowing homeowners to make the shift from costly energy sources. Because it operates at a high temperature of 65°C, Ageo caleo meets all your indoor heating needs and can also be used to produce domestic hot water.



Ageo caleo

High-temperature geo

The innovation that changes



Guaranteed operation, whatever the season or area

Because it extracts heat contained in the earth or groundwater, Ageo caleo operates autonomously and delivers non-stop exceptional thermal performance.



65°
HIGH TEMPERATURE

Geothermal energy and high temperatures: absolute comfort

Ageo Caleo uses state-of-the-art technology combined with a latest-generation control system to guarantee unsurpassed thermal comfort. It is also cost effective: it lowers heating bills by over 60% and operates with existing radiator systems, so there is no need for extensive remodelling.

Constantly high energy efficiency,
multiple benefits...



**The same level of comfort
with maximum savings
and with no CO₂ emissions**

Ageo caleo allows you to benefit from the economic advantages of a heat pump and protect the environment at the same time. For every kWh of electricity used to run it, up to 5 kWh of heat are restored and 10 times less CO₂ is released to the atmosphere every year.

thermal heat pump
everything in existing housing



Control: comfort at your fingertips

Ageo caleo comes with a MicroCONNECT electronic control terminal that keeps temperatures in living spaces at optimum levels. It also features daily and weekly programmes that can be set for even greater comfort and energy savings.

The terminal also manages the heat pump's operating settings to keep the system operating for years to come.



Compatible with all types of radiator

Ageo caleo is specially designed to be connected to conventional radiator systems.

Its high-temperature operation allows it to offset differences of as much as 20°C between their inlet and outlet temperatures.



Pool heating: enjoy your pool longer

Long after the winter is over, enjoy the economic benefits of geothermal heating from early spring all the way to autumn with Ageo caleo's pool heating option. (300L SANI hot water tank)



70% off your domestic hot water bills

Ageo caleo does not just heat homes. When combined with its optional 300 l hot water tank or PACSOL, it can also meet an entire family's hot water needs. When programmed to run during off-peak times, it provides hot water at a cost four times less than that of conventional systems.

geothermal