

# AQUALIS CALEO

takes over from your boiler simply, and above all, efficiently

Aqualis Caleo brings ecological and cost effective heating into any existing home, alleviating homeowners from the burden of expensive energy sources. Easy to install, requiring no major alterations to be carried out or expensive loops, Aqualis Caleo produces just the right amount of heat all year round, even in the depths of winter.

Aqualis Caleo		60H	60HT
Heating capacity *	kW	13,5	13,5
Power input *	kW	3,9	3,4
COP		3,5	3,9
Refrigerant fluid R407C - Load	kg	3.95	
Operating limits		-20 / +45 °C	
Maximum water outlet temperature		+65 °C	
Sound level ***	dB(A)	47	
Power supply voltage		230 V - 1 ph - 50 Hz + T + N	400 V - 3 ph - 50 Hz + T + N

\* Based on Eurovent conditions Air 7 °BS / 6 °BH Water 35/30 NF PAC in accordance with the NF 414 standard Heating capacities not including defrosting cycles.

\*\*\* 5 m from unit, 1.5 m from floor, free field, directivity 2



Models	mass kg	
	empty	in operation
60H	126	129
60HT	126	129



SANI 300 litre DHW tank option



30/35°C & 47/55°C



30/35°C & 47/55°C



→ High temperature heat pump

“Aqualis caleo  
The ecological alternative”

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

CIAT has been designing and manufacturing heat pumps for over 35 years. Located in France's Rhône-Alpes region, our factory at Serrières-en-Chautagne is part of a vast industrial structure dedicated to HVAC engineering. The employees there design and manufacture 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.



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U N I V E R S A L C O M F O R T



Fluctuating fossil fuel prices, global warming, heating a home has become a real challenge. CIAT's Aqualis Caleo, the first high temperature air-source heat pump, offers environmentally-friendly heating and proposes an alternative solution to expensive energy resources!

## Advantages of Aqualis Caleo

- Production of high temperature hot water at 65°C
- Operates at outdoor temperatures as low as -20°C
- High energy efficiency (COP up to 4)
- Saves 70% on domestic hot water bills

# Aqualis Caleo

## Air-source heating, the high temperature revolution

Heat pump

→ A key innovation from the industry leader

An air-source heat pump works by energy exchange. It collects and amplifies heat energy from an endless natural source, the outdoor air, then transfers it to a water circuit to heat the home. CIAT's Research & Innovation Centre has developed this principle even further, in particular by using steam injection, to ensure that Aqualis Caleo can produce high temperature hot water at 65°C, even at winter temperatures as low as -12°C. Heat pumps can now take over completely from conventional boilers!



→ High temperature, high comfort levels



Thanks to this exceptionally high temperature, Aqualis Caleo can replace any conventional boiler without compromising on comfort. Simply connect it to your existing circuits and it will supply hot water to all types of radiator.

→ Maximum savings, no CO<sub>2</sub> emissions



Aqualis 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 CO<sub>2</sub> is released into the atmosphere every year.



### Aqualis Caleo, clean and safe hot water

Aqualis Caleo does not just heat homes. It is efficient enough to provide hot water for the entire household thanks to its optional SANI 300L tank. Because it is programmed to operate during off-peak times, the tank produces hot water at a cost four times less than a conventional system.

### MicroConnect control comfort at your fingertips

Aqualis Caleo comes with an 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.



air source heating