

SMART TECHNOLOGY FOR A SMARTER LIVING



PRESENTING THE RANGE OF HEAT PUMP WATER HEATERS

A RENOWNED FRENCH BRAND WORLDWIDE

Atlantic is a well-established and renowned French brand, expert in all types of heating systems and home comfort appliances, with a worldwide presence.

Atlantic has been founded in 1968, by Mr. Radat and Mr. Lamoure, in la Roche-sur-Yon, a city from the Vendée region, located on the west coast of France. Specialist of heating systems and comfort appliances, Atlantic constantly combines premium design, innovation and cutting-edge technology.

We have developed a complete range of modern and reliable equipment such as water heaters, electric heaters, bathroom heaters, solar water heaters, heat pumps, etc. Symbol of the French art of living, they bring you daily an optimum comfort while optimising cost savings.

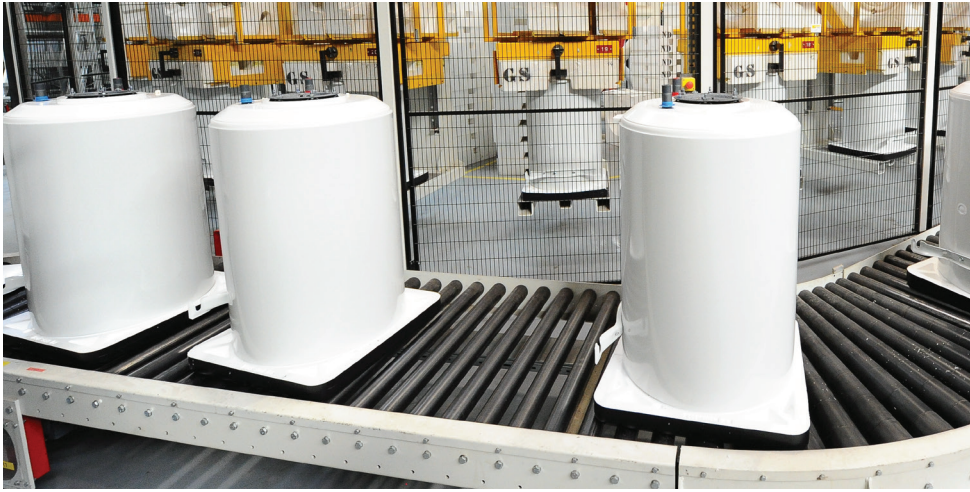
Year after year, its reputation as an expert French brand, with a unique know-how, has spread worldwide. Today, we are well established in France & over 70 countries across Western and Eastern Europe, Near and Middle East, Africa, South America and even Asia-Pacific, with an ongoing growth and deployment in all the world.

GROUPE ATLANTIC controls more than 60 per cent of the French DHW market – the biggest market for electrical domestic comfort products worldwide. The company has grown in size to employ 6,500 people and generates an annual turnover of €1,5 billion today.

With more than 2 million water heaters manufactured every year, GROUPE ATLANTIC provides an extremely large range of storage DHW tanks from 10 to 3000 Litres capacity. The Group has built a strong brand portfolio of thermal comfort solutions since its creation, including domestic and commercial water heaters, renewable energy heaters and water heaters, room and bathroom heaters.



**STATE OF THE ART MANUFACTURING PROCESSES,
ADHERING TO THE LATEST TECHNOLOGICAL STANDARDS**



Calypso Split Inverter

HEAT PUMP WATER HEATER WITH OUTDOOR UNIT

WALL-MOUNTED 200L
FLOOR-STANDING 270 L



Calypso VM

HEAT PUMP WATER HEATER

WALL-MOUNTED
100L / 150L



Heat Pump Water Heaters

A heat pump is a thermodynamic machine that transfers heat from the outside (air and ground) using a compressor to heat or cool the home, and to produce hot water. Atlantic heat pumps can provide savings of up to 80% on a heating bill and reduce CO2 emissions by more than 70%, compared to an oil-fuelled boiler.

+ FEATURES

COMFORT

- Space-saving solution.
- Fast heat-up time due to Inverter technology.
- Low noise level for installation in living areas.
- Auto function for smart piloting.
- Security thanks to electric back-up (Steatite heating element).

USER-FRIENDLINESS

- Easy mounting for wall fixation.
- Intuitive digital control panel with built-in daily programming, different modes selection, display showing energy consumption.
- Compatible with Cozytouch, allowing remote piloting through a smartphone or a tablet.
- Installation is recommended in geographic areas from -15° to 37°C

QUALITY - DURABILITY

- ACI hybrid anti-corrosive technology and Steatite heating element.
- New generation diamond-quality enamel.
- Pressure relief valve.
- Dielectric union.
- Specific lip gasket to prevent rust around flange.

SAVINGS

- Up to 75% energy savings* thanks to a high-performance heat pump.
- CFC-free high-density insulation around tank for increased energy savings.
- High-efficiency water inlet.
- Smart energy consumption control
- Photovoltaic function to benefit from free solar energy.



*Model types: A: Vertical wall-mounted / B: Horizontal wall-mounted / C: Floor-standing - **Compared with an electric water heater



COMPONENTS

- 1 Evaporator.
- 2 High-efficiency heat pump with wide temperature range.
- 3 Intuitive control panel.
- 4 Diamond-quality enamel (glass-lined inner tank).
- 5 Steatite heating element.
- 6 Air inlet/outlet.
- 7 ACI Hybrid anti-corrosive protection.
- 8 Brackets for wall mounting.

NEW ERGONOMIC INTERFACE

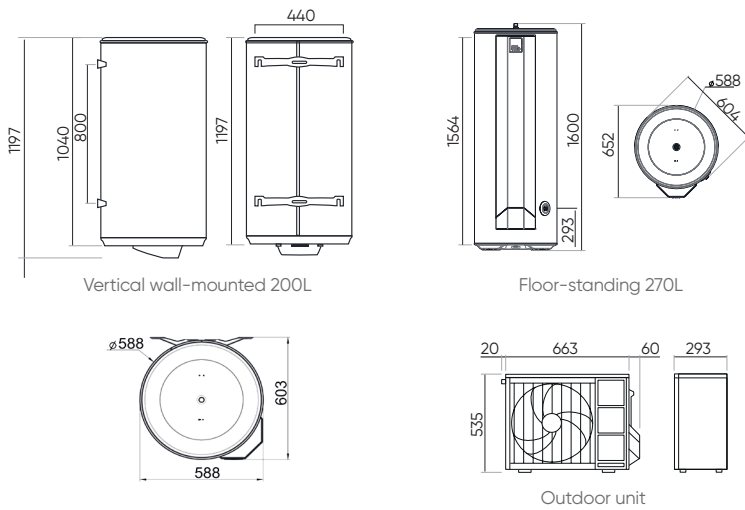
- 1 User-friendly digital screen
- 2 Direct access to menu
- 3 Direct access to boost mode
- 4 Navigation buttons
- 5 Validation button
- 6 Return button



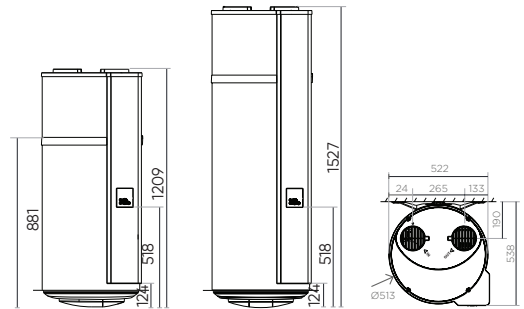


INSTALLATION DIMENSIONS

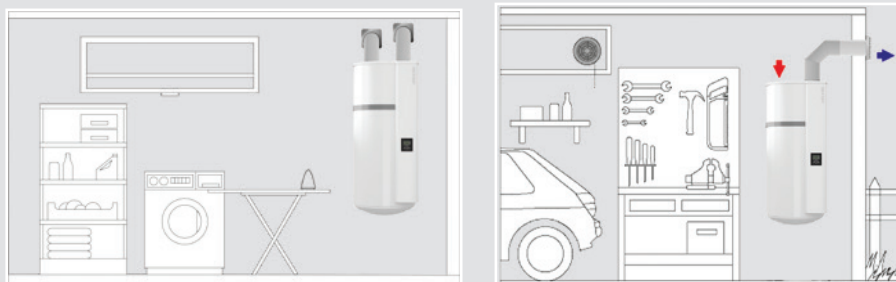
Calypso Split Inverter



Calypso VM



IDEAL FOR SMALL SURFACES (Calypso VM)



Suitable for all installations (adapted to small surfaces, low ceiling, corner)

TECHNICAL DATA

Calypso Split Inverter



MODEL	WALL-MOUNTED	FLOOR-STANDING	OUTDOOR UNIT
Capacity (L)	200	270	-
ErP class	A+	A+	-
Voltage frequency (V / HZ)	230/50	230/50	230/50
Maximal heat pump power consumption (W)	-	-	1100
Heating element power (W)	1800	1800	-
COP (at T _{air} = 7°C)	2,90 (L)	3,29 (XL)	-
Heating time (at T _{air} = 7°C)	3h02	4h26	-
Refrigerant fluid	-	-	R410A
Refrigerant fluid load (g)	-	-	850
Acoustic power (dB(A))	-	-	58
Dimensions (height x width x depth) (mm)	1267 x 603 x 588	1600 x 652 x 588	535 x 293 x 743
Weight (kg)	55	66	26

CE

Calypso VM



SPECIFICATIONS	CAPACITY	
	100L	150L
Design	Wall-mounted	Wall-mounted
Configuration	Ambient / Ducted	Ambient / Ducted
Tank protection	ACI hybrid	ACI hybrid
Heating element	Steatite	Steatite
Dimensions (height x width x depth) (mm)	1209 x 522 x 538	1527 x 522 x 538
Weight (kg)	57	66
Electrical connection (V/Hz)	230/50	230/50
Total maximal power (W)	1550	2150
Maximal power heat pump (W)	350	350
Power electric heating element (W)	1200	1800
Heat pump water temperature range	50 to 62°C	50 to 62°C
Heat pump air temperature range	-5 to 43°C	-5 to 43°C
COP (at T _{air} = 7°C ducted, T _{water} from 15°C to 53°C)	2,66 ⁽¹⁾	3,05 ⁽¹⁾
COP (at T _{air} = 15°C ambient T _{water} from 15°C to 53°C)	2,88 ⁽¹⁾	3,28 ⁽¹⁾
Acoustic power ErP (dB(A)) in ducted configuration	45	45
Acoustic power ErP (dB(A)) in ambient configuration	50	50
Heating time (at T _{air} = 7°C)	6h47 ⁽¹⁾	10h25 ⁽¹⁾
ErP class	A+	A+
Connectivity IO	YES	YES
Input PV	YES	YES

(1) Compliant with EN 16147 conditions

CE

ErP label



ErP labels is short for Energy related products. In 2015 the European Union set this new regulation, which is designed to enhance the efficiency of heating and hot water products to homeowners.

By having an ErP label homeowners can easily see the efficiency of their appliance, ErP defines the minimum performance that manufacturers must meet with the overall aim of lowering carbon emissions.

The ErP label runs from A++ to G, with A++ being the most energy efficient and G the least energy efficient.



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