



Calido

Heat pump for domestic hot water

Heat your water thanks to heat pump technology. High comfort, low consumption, constant energy savings thanks to class A+.

Easily integrated with alternative energy sources.

The domestic hot water heat pump is one of the most economical systems for heating water for domestic use or for

Class A+	200 litres	300 litres
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small businesses.

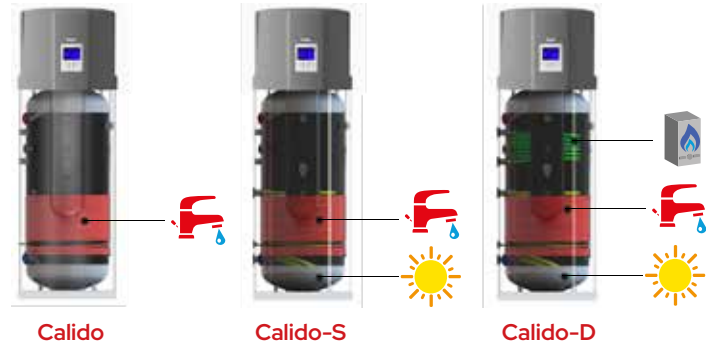
Using renewable energy from the air, the unit is highly efficient and has low operating costs.

Its efficiency can be up to 3~4 times greater than traditional gas boilers or electric heaters.

Calido

Heat pump for domestic hot water

200÷300 L



Calido	200	200-S	200-D	300	300-S	300-D
Energy class (1)	A	A	A	A	A	A
Declared load profile	L	L	L	XL	XL	XL
COP _{DHW} (ERP) (1)	2.64	2.64	2.64	2.85	2.85	2.85
Heating time	h: min	07:48	07:48	07:48	09:53	09:53
Annual electricity consumption (average climatic condition)	kWh/year	1012	1012	1012	1426	1426
Duct air flow (nom.)	m ³ /h			350		
Available static pressure	Pa			60		
Rated power input	W			2060 ⁽³⁾		
Electrical Heating rated input	W			1200 ⁽²⁾		
Current (rated)	A			2,21 ⁽³⁾ (+ 5.2) ⁽²⁾		
Maximum current	A			3,2 ⁽³⁾ (+ 5.2) ⁽²⁾		
Power supply	V/Ph/Hz			220-240/1Ph+N+PE/50		
Max outlet water temperature (without using E-heater)	°C			65		
GWP - Refrigerant / Charge / GWP	.../g/...			R134a/920/1430		
CO ₂ equivalent tonnes	t			1,32		
Refrigerant pressure suction (max.) - discharge (max.)	Bar			0,2 / 25		
Diameter of hydraulic connections	-			G 1" F		
Storage tank nominal volume	L	228	220	217	286	278
Internal water tank material	-			Vitrification with double layer		
Solar exchange coil surface	m ²	/	1,2	1,2	/	1,2
Auxiliary exchange coil surface	m ²	/	/	0,5	/	0,8
Sound power level	dB (A)			58,2		
Net weight	kg	98.0	106.5	113.0	121.5	121.0
Gross weight (when tank filled)	kg	326.0	392.5	333.0	399.5	338.0
Net size (ØxH)	mm	Ø 654x1638	Ø 654x1638	Ø 654x1638	Ø 654x1888	Ø 654x1888
Package Size (WxDxH)	mm	700 x 700 x 1760	700 x 700 x 1760	700 x 700 x 1760	700 x 700 x 2010	700 x 700 x 2010
Duct diameter	mm			Ø160		
Protection rating	-			IPX1		
Operating temperature range	°C			-10 / + 43°C		

(1) Tank at room temperature 20° C, air in ducted entry 7° C DB, 6° C WB, inlet water temperature 10° C and tank set at 55° C.

(2) Electrical resistance data

(3) Room temperature 20° C, water temperature from 15° C to 55° C

Accessories

ONE-SAS

T6 Solar/DHW temperature sensor

ONE-FL

Nylon flow switch 1" F 9 l/min

Versions

CALIDO

Standard version, heat pump and the electric heater

CALIDO-D

With double auxiliary coil in order to have at the same time three energy sources.

CALIDO-S

With auxiliary coil for use combination with solar panels



Calido 110

Class
A+

110
litres

Wall mounted heat pump for domestic hot water

Calido 110 is a heat pump water heater with air source for wall or floor application. Perfect for replacing electric water heaters on existing systems, thanks also to the functions of hot water temperature set, timer and holiday setting, anti-legionella function. The built-in electric heating element allows the water to be

heated from 62°C a 75°C. Excellent yields even with external temperatures ranging from -5°C to +43°C thanks also to the electronic expansion valve that improves its performance and makes it part of the thermal account.

Calido 110

Wall mounted heat pump for domestic hot water

110 L



		Calido 110
Energy class (1)		A+
Declared load profile		M
COP _{DHW} (ERP) (1)		3.01
Heating time	h: min	6: 53
Heating energy consumption	kWh	1.58
Annual electricity consumption (average climatic condition)	kWh/year	462
Duct air flow (nom.)	m ³ /h	300
Available static pressure	Pa	60
Rated power input	W	236 ⁽³⁾ [+1500 ⁽²⁾]
Electrical Heating rated input	W	1500
Current (rated)	A	1.14 ⁽³⁾ [+6.5 ⁽²⁾]
Maximum current	A	1.81 ⁽³⁾ [+6.5 ⁽²⁾]
Power supply	V/Ph/Hz	220-240~/1/50
Max outlet water temperature (without using E-heater)	°C	60
GWP - Refrigerant / Charge / GWP	.../g/...	R134a/650/1430
CO ₂ equivalent tonnes	t	0,93
Refrigerant pressure suction (max.) - discharge (max.)	Bar	0.2/25
Set point relief valve	Bar	8
Diameter of hydraulic connections	-	G 1/2" M
Storage tank nominal volume	L	110
Internal water tank material	-	Vetrificato
Sound power level	dB (A)	48.5
Net weight	kg	62
Gross weight (when tank filled)	kg	172
Net size (WxHxD)	mm	500x1406x520
Package Size (WxHxD)	mm	550x1460x550
Duct diameter	mm	125
Protection rating	-	IPX1
Operating temperature range	°C	-5~43

(1) Tank at room temperature 20° C, air in ducted entry 7° C DB, 6° C WB, inlet water temperature 10° C and tank set at 55° C.

(2) Electrical resistance data

(3) Room temperature 20°C, water temperature from 15° C to 55° C

Accessori

Bracket for wall mounted
Screws and dowels for mounting
Spacers for wall mounted
Dielectric couplings

Loose accessories

Antivibration dampers for floor installation

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