

THERMOCYLINDER

DOMESTIC HOT
WATER



**ENERGIE
DOMESTIC
HOT WATER
CYLINDER,**
SUITABLE FOR
OPERATION WITH
HEAT PUMPS.



THERMOCYLINDER

ENERGIE.PT

DHW CYLINDER FOR HEAT PUMP

ENERGIE thermocylinders are containers in which hot water is stored, allowing you to meet the needs at times of greater consumption or simultaneous consumption in different parts of the building. Manufactured in single coil stainless steel, available in 160, 200 and 300 litre capacities.

The ideal solution for medium-sized flats and houses. This range is compatible with all ENERGIE heat pumps.

 PORTUGUESE MANUFACTURING



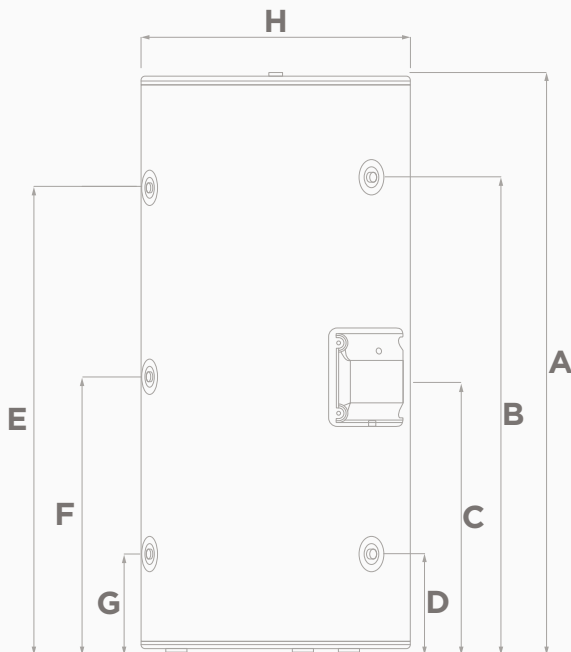
DHW ACCUMULATION TANK

- High quality and precision stainless steel vessel with high density PU rigid insulation (PU free of CFC and HCFC).
- XL coil suitable for heat pump.
- Immersion heater included.
- Integration in small spaces, 60x60 cm module.
- Easy to install.
- 3 adjustable feet.



See warranty conditions

Equipment: **Thermocylinder**
Models: **STA 200L / 300L**



STA - Standard Connections

THERMOCYLINDER STA

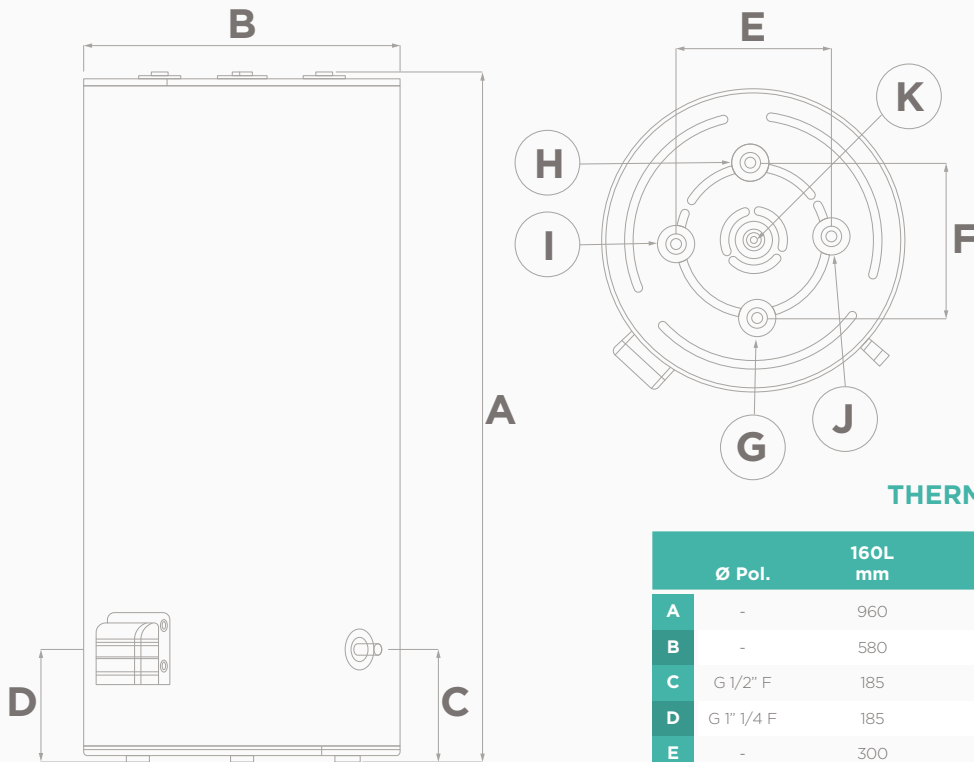
	Ø Pol.	200L mm	300L mm	OBS.
A	G 3/4" F	1240	1540	Height / Hot water
B	G 1/2" F	1000	1295	Instruments
C	G 1" 1/4" F	595	595	Electric support power
D	G 3/4" F	215	215	Cold water
E	G 3/4" F	975	1055	Coil inlet
F	G 1/2" F	595	595	Recirculation
G	G 3/4" F	215	215	Coil outlet
H	-	580	580	Diameter

ACCUMULATOR TECHNICAL DATA		STA 200L	STA 300L	TOP 160L	TOP 200L	TOP 300L
Nominal Capacity	l	200	270	160	200	270
Material		Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Insulation	mm	50	50	50	50	50
Max. operating pressure	bar	6	6	6	6	6
Max. temperature	°C	90	90	90	90	90
Max. operating pressure coil	bar	8	8	8	8	8
Max. temperature coil	°C	90	90	90	90	90
Coil surface area	m ²	2,3	2,6	1,9	2,3	2,6
Static losses (EN 12897)	W	59	65	53	59	65
Energy Efficiency Class	-	B	B	B	B	B
Coil power ¹	kW	a) 70 b) 43	a) 79 b) 49	a) 58 b) 36	a) 70 b) 43	a) 79 b) 49
Power supplied	-	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Immersion heater	W	1500	1500	1500	1500	1500
Room temperature limits	°C	-5/40	-5/40	-5/40	-5/40	-5/40
Empty weight	kg	51	60	38	48	62
Dimensions (Ø/height)	mm	Ø580/1240	Ø580/1540	Ø580/960	Ø580/1240	Ø580/1540

a) Primary circuit (Tin =90°C; Tout =80°C); Production DHW (Tin=10°C; Tout=55°C)

b) Primary circuit (Tin =70°C; Tout =60°C); Production DHW (Tin=10°C; Tout=55°C)

Equipment: **Thermocylinder**
Models: **TOP 160L / 200L / 300L**



Thermocylinder TOP

	Ø Pol.	160L mm	200L mm	300L mm	OBS.
A	-	960	1240	1540	Height
B	-	580	580	580	Diameter
C	G 1/2" F	185	185	185	Outflow
D	G 1" 1/4 F	185	185	185	Electric support power
E	-	300	300	300	-
F	-	300	300	300	-
G	G 3/4" F	-	-	-	Cold water
H	G 3/4" F	-	-	-	Hot water
I	G 1" F	-	-	-	Coil inlet
J	G 1" F	-	-	-	Coil outlet
K	G 1/2" F	-	-	-	Instruments

TOP - Top Connections

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