

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, 300 and 500 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 (Except for the DHW500HP).
- Easy to install.
- 3 adjustable feet.

STANDARD CONNECTIONS

TOP CONNECTIONS



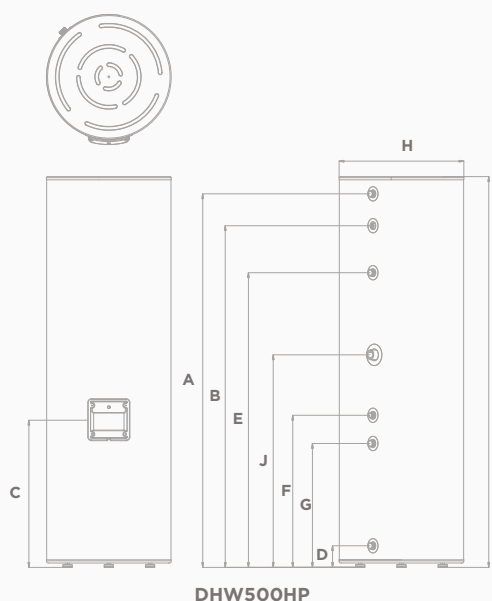
See warranty conditions

Equipment: **Thermocylinder**

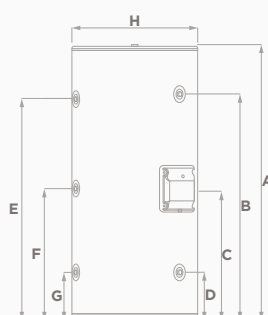
Models: **DHW200HP / DHW300HP / DHW500HP**

THERMOCYLINDER | STANDARD CONNECTIONS

	DHW200HP mm Ø Pol.	DHW300HP mm Ø Pol.	DHW500HP mm Ø Pol.	OBS.
A	1240 G 3/4" F	1540 G 3/4" F	1937 G 1" M	Hot water
B	1025 G 1/2" F	1320 G 1/2" F	1772 G 1/2" F	Instruments
C	595 G 1" 1/4" F	595 G 1" 1/4" F	689 G 1" 1/4" F	Electric support power
D	215 G 3/4" F	215 G 3/4" F	102 G 1" M	Cold water
E	1000 G 3/4" F	1080 G 3/4" F	1527 G 1" M	Coil inlet
F	595 G 1/2" F	595 G 1/2" F	784 3/4" M	Recirculation
G	215 G 3/4" F	215 G 3/4" F	637 G 1" M	Coil outlet
H	Ø580	Ø580	Ø650	Diameter
I	-	-	2020	Height
J	-	-	1095 G 1" 1/4" F	Magnesium Anode



DHW500HP



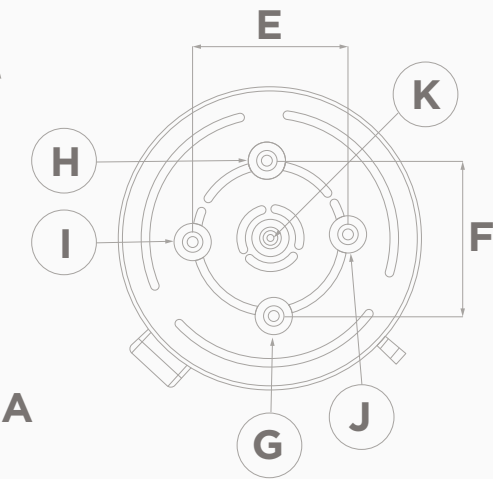
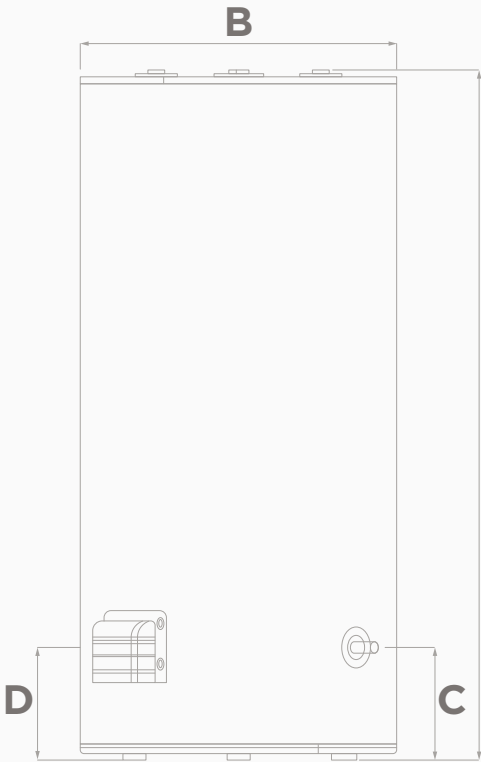
DHW200HP / DHW300HP

ACCUMULATOR TECHNICAL DATA		DHW200HP	DHW300HP	DHW500HP	DHW160HP-THB	DHW200HP-THB	DHW300HP-THB
Nominal Capacity	l	200	270	450	160l	200	270
Material	-	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Insulation	mm	50	50	50	50	50	50
Max. operating pressure	bar	7	7	7	7	7	7
Max. temperature	°C	90	90	90	90	90	90
Max. operating pressure coil	bar	8	8	8	8	8	8
Max. temperature coil	°C	90	90	90	90	90	90
Coil surface area	m ²	2,3	2,6	2,4	1,9	2,3	2,8
Static losses (EN 12897)	W	59	65	92	53	59	65
Energy Efficiency Class	-	B	B	C	B	B	B
Coil power	kW	a) 70 b) 43	a) 79 b) 49	a) 73 b) 45	a) 58 b) 36	a) 70 b) 43	a) 79 b) 49
Power supplied	-	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Immersion heater	W	1500	1500	2000	1500	1500	1500
Room temperature limits	°C	-5/40	-5/40	-5/40	-5/40	-5/40	-5/40
Empty weight	kg	51	60	77	38	48	62
Dimensions (Ø/height)	mm	Ø580/1240	Ø580/1540	Ø650/2020	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: **DHW160HP-THB / DHW200HP-THB / DHW300HP-THB**



THERMOCYLINDER | TOP CONNECTIONS

	DHW160HP-THB mm Ø Pol.	DHW200HP-THB mm Ø Pol.	DHW300HP-THB mm Ø Pol.	OBS.
A	960	1240	1540	Height
B	Ø580	Ø580	Ø580	Diameter
C	185 G 1/2" F	185 G 1/2" F	185 G 1/2" F	Outflow
D	185 G 1" 1/4 F	185 G 1" 1/4 F	185 G 1" 1/4 F	Electric support power
E	310	310	310	-
F	310	310	310	-
G	- G 3/4" F	- G 3/4" F	- G 3/4" F	Cold water
H	- G 3/4" F	- G 3/4" F	- G 3/4" F	Hot water
I	- G 1" F	- G 1" F	- G 1" F	Coil inlet
J	- G 1" F	- G 1" F	- G 1" F	Coil outlet
K	- G 1/2" F	- G 1/2" F	- G 1/2" F	Instruments

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