

# THERMOCYLINDER

DOMESTIC HOT  
WATER



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



# THERMOCYLINDER

ENERGIE.PT

DHW CYLINDER FOR  
HEAT PUMP

STA - 200L | 300L  
TOP - 160L | 200L | 300L

PORTUGUESE MANUFACTURING



DHW  
ACCUMULATION  
TANK

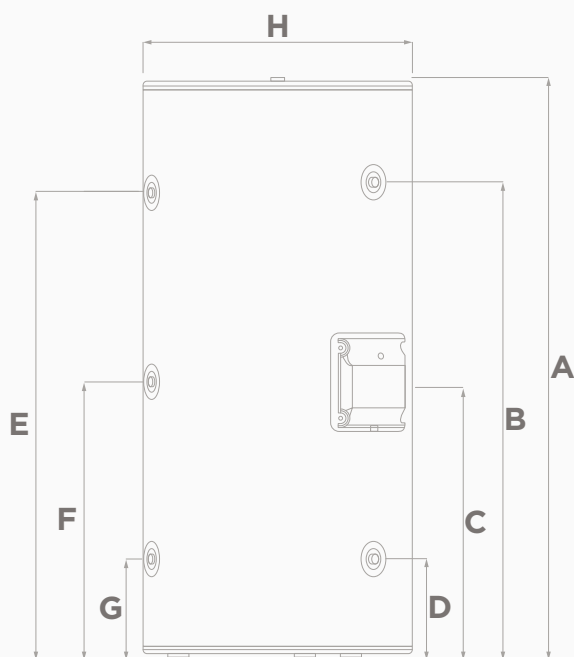
## EQUIPMENT

- 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 STA 200L / 300L**



STA - Standard Connections

### THERMOCYLINDER STA

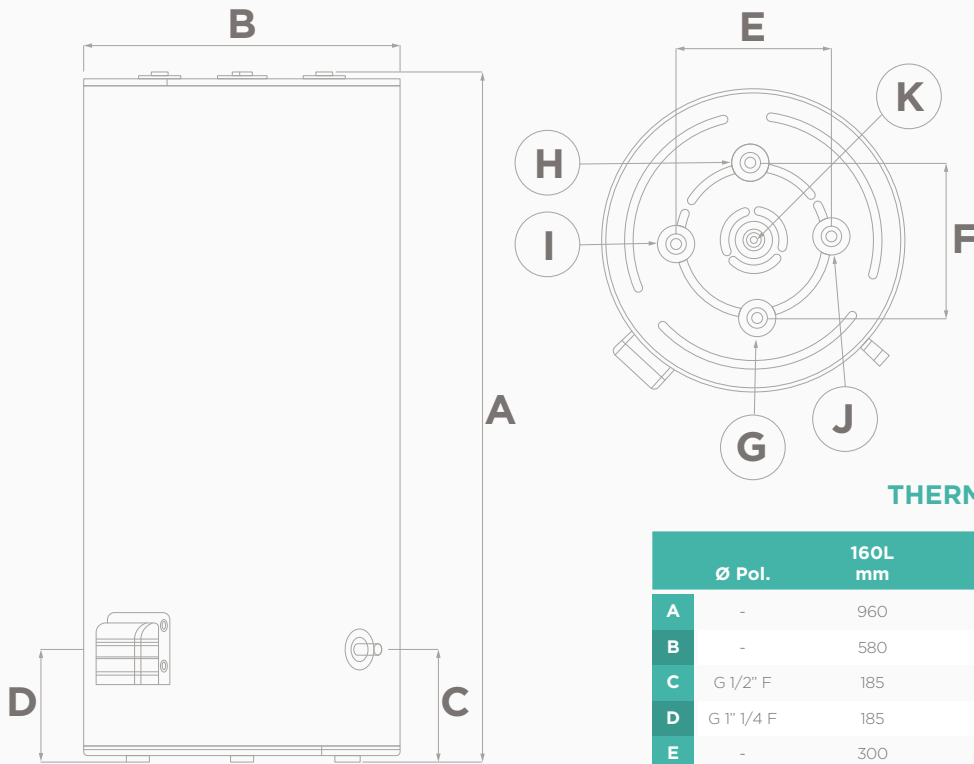
	Ø Pol.	200L mm	300L mm	OBS.
A	G 3/4" F	1240	1540	Height / Hot water
B	G 1/2" F	1000	1295	Instruments
C	G 1" 1/4" F	595	595	Electric support power
D	G 3/4" F	215	215	Cold water
E	G 3/4" F	975	1055	Coil inlet
F	G 1/2" F	595	595	Recirculation
G	G 3/4" F	215	215	Coil outlet
H	-	580	580	Diameter

THERMOCYLINDER		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 <sup>2</sup>	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 <sup>1</sup>	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 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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