

# INTERKA

POLYWARM® COATED DOUBLE WALLED CALORIFIER FOR D.H.W. PRODUCTION



## APPLICATION

Production and storage of domestic hot water (DHW).

## MATERIAL

Mild steel Polywarm® coated (Attestation ACS - SSICA - EN 16421 - WRAS).

## HEAT EXCHANGER:

Double wall heat exchanger.

## INSULATION

High thermal insulation with ecological polyurethane hard foam.

Grey PVC external lining.

## CATHODE PROTECTION

Magnesium anode.

## WARRANTY

5 years (See general sales conditions and warranty)

## ACCESSORIES AND SPARE PARTS

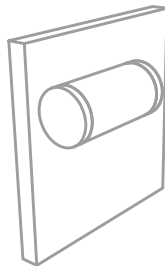
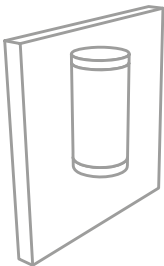
See Accessories section for the entire list.



POLYWARM®  
COATED  
DHW STORAGE



PROMPT  
AVAILABILITY




Vertical or horizontal wall hanged



## INTERKA WB

DOUBLE WALL EXCHANGER ENERGY EFFICIENCY CLASS

Model	HARD FOAM INSULATION Art. Nr.	DOUBLE WALL EXCHANGER		ENERGY EFFICIENCY CLASS 
		Surface	[m <sup>2</sup> ]	
<b>80</b>	3203160310001	0,36		<b>C</b>
<b>100</b>	3203160310002	0,54		<b>C</b>
<b>150</b>	3203160310003	0,82		<b>C</b>
<b>200</b>	3203160310004	1,00		<b>C</b>
<b>300</b>	3203160310015	1,40		<b>C</b>

Model	Output	Ignition time	Production of D.H.W.		Weight
	[kW]	[min]	[lt/h]	[lt/10']	[Kg]
<b>80</b>	8	27	190	112	24
<b>100</b>	11	24	263	144	30
<b>150</b>	15	26	372	212	41
<b>200</b>	20	25	508	285	49
<b>300</b>	24	31	606	401	65

Data have been calculated with primary water at 80 °C - DHW production from 10°C to 45°C, and storage at 60 °C


## ACCESSORIES

### HEAT MANAGER + electric immersion heater 1,5 kW + probe +3m cable


Art. Nr.
5240000000077




### Magnesium anode

ART. NR.	Model	
5200000041015	80=150	
5200000041010	200=300	
2 units box		

### Electric immersion heater with thermostat

Art. Nr.	Output	Connection	
5240000000042	1,5 kW	1" 1/4	

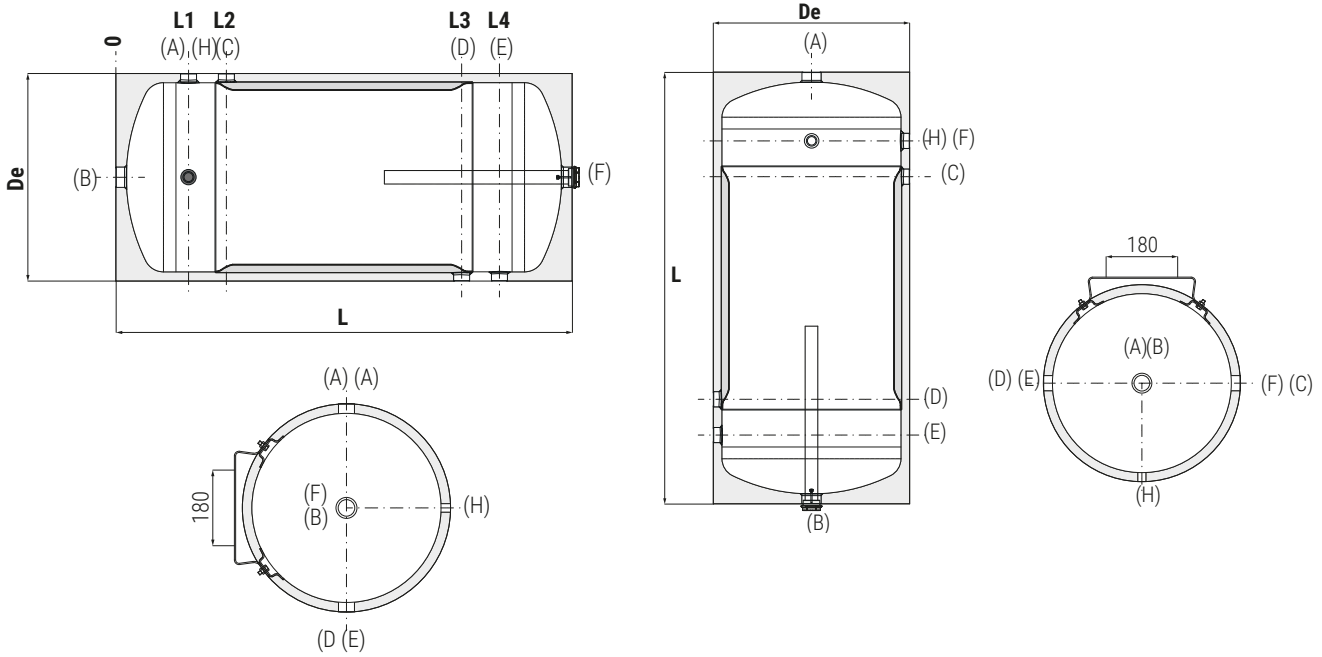
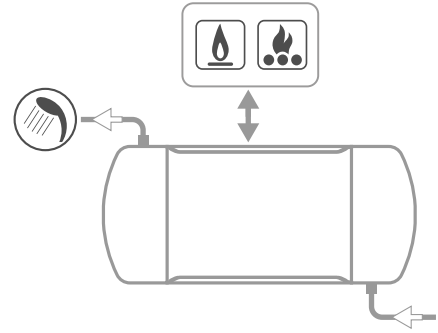
### Thermometer

Art. Nr.	
5032240000107	
5 units box	

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## POLYWARM® COATED DOUBLE WALLED CALORIFIER FOR D.H.W. PRODUCTION

STORAGE		HEAT EXCHANGER	
Pmax	Tmax	Pmax	Tmax
6 bar	90 °C	1,5 bar	99 °C



- A** Domestic hot water outlet 1"1/4 G
- B** Connection 1"1/4 G F / Magnesium anode
- C** Primary circuit inlet 1"1/4 G F
- D** Primary circuit outlet 1"1/4 G F
- E** Domestic cold water circuit inlet 1"1/4 G F
- F** Connection 1"1/4 G F / Magnesium anode
- G** Instrumentation 1/2" G F
- H** Instrumentation 1/2" G F

POSSIBLE VERTICAL INSTALLATION

NOTE:  
THIS INSTALLATION MAY REDUCE THE  
D.H.W. STORAGE AVAILABILITY.

Model	Volume [lit]	De	L	L1	L2	L3	L4	C-D Connections F
				[mm]				
<b>80</b>	82	456	770	165	260	510	605	1"
<b>100</b>	100	456	920	165	260	660	755	1"
<b>150</b>	152	510	1086	173	268	818	913	1"
<b>200</b>	203	560	1170	190	285	885	980	1"
<b>300</b>	293	610	1399	230	325	1075	1170	1"