

# BVE-LW 200 TO 500

*Single heat exchanger - Large area for HP*

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The BVE-W series tanks are specially designed for primary circuit solar systems. They are equipped with a heat exchanger. The tank and the exchanger are made of stainless steel 316L. These tanks are to be placed on the ground.



# Description

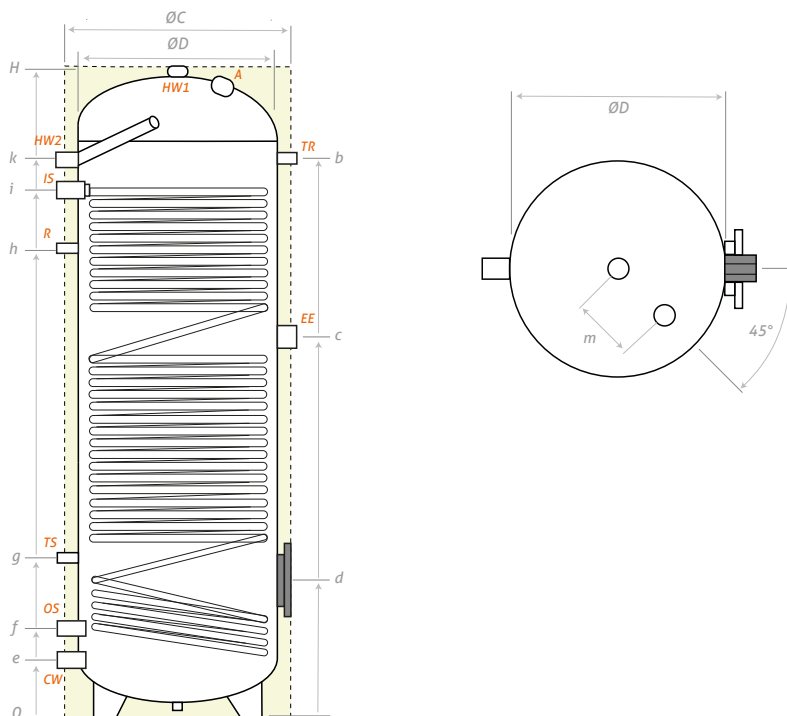
- Enamelled steel sanitary hot water storage tank\*, equipped with one heat exchanger with a large area.
- Tank enamelling inside treatment according to DIN 4753-3 and UNI 10025. Protection by magnesium anode.
- Rigid PU insulation 70 mm thick, zipped PVC cover finish, removable.
- Optional electric back-up on 1 1/2" connection above the heat exchanger.
- External casing classified as standard M1 fire.
- 3 years warranty, electric part 2 years warranty.

\* Sanitary water meeting the French standard according to decree N° 89-3 of 03/01/89



## BVE-LW 200, 300 and 500 liters

	Model	200 L	300 L	500 L
Reference		BVE0200LW	BVE0300LW	BVE0500LW
Total capacity (liters)		190	263	470
Weight empty (kg)		90	124	175
Rigid PU insulation (mm)			70	
Heat exchanger surface (m <sup>2</sup> )		3	4	6
Heat exchanger volume (L)		17.2	23.0	51.5
Heat exchanger power (kW) at *60-80°C		72	96	156
Heating water production at 60-80°C (m <sup>3</sup> /h)		3.1	4.1	6.7
Domestic hot water production at 10-45°C (m <sup>3</sup> /h)		1.8	2.4	3.8
Pressure loss at 60-80°C (mbar)		55	112	197
Energy efficiency class			B	
Maximum working-temperature (°C)			95	
Max tank operating pressure (bar)			10	
Max working heat exchanger pressure (bar)			10	



Model	ØC	ØD	H	b	c	d	e	f	g	h	i	k	m
200	640	500	1215	995	735	320	140	220	370	835	990	1070	150
300	640	500	1615	1390	945	340	140	220	395	1165	1310	1390	150
500	790	650	1705	1425	970	370	185	265	425	1170	1325	1415	150

Dimensions (mm)

		Model	
	Outlet/Inlet tube	200-300	500
CW	Cold Water inlet	1"	1"
A	Anode	1" 1/4	1" 1/4
HW1	Hot Water outlet	1" 1/4	1" 1/4
HW2	Hot Water outlet	1"	1"
IS	Heat exchanger inlet	1"	1" 1/4
OS	Heat exchanger outlet	1"	1" 1/4
TS	Temperature probes	1/2"	1/2"
EE	Electric element	1" 1/2	1" 1/2
R	Recirculation	1/2"	1/2"
TR	Temperature probes	1/2"	1/2"

**Storage tank 3 years warranty**

## Certifications

Tank enamelling inside treatment according to DIN 4753-3 and UNI 10025  
Made in European Union



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