

BVE-W 800 TO 2000

Single heat exchanger



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 enamelled steel. The heat exchanger connections are located on the side at the rear of the tank, separately from the cold water inlet and hot water outlet located on the front panel. These tanks are to be placed on the ground.



Description

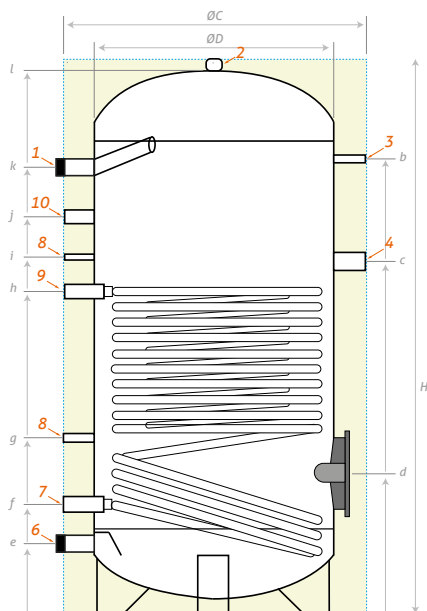
- Enamelled steel sanitary hot water storage tank*, equipped with one heat exchanger.
- Tank enamelling inside treatment according to DIN 4753-3 and UNI 10025. Protection by magnesium anode.
- Polyester fiber insulation 100 mm thick, zipped PVC cover finish
- Optional electric backup on 1 1/2" connection at mid-height.
- External casing classified as standard M1 fire
- 3 years warranty (800-1000L) 5 years (1500-2000L), electrical part 2 years warranty.

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



BVE-W 800 to 2000 liters

	Model	800 L	1000 L	1500 L	2000 L
Reference		BVE0800W	BVE1000W	BVE1500W	BVE2000W
Total capacity (liters)		738	930	1390	1950
Weight empty (kg)		190	220	335	503
Polyester fiber insulation (mm)			100		
Heat exchanger surface (m ²)		2.0	2.4	3.6	4.3
Heat exchanger volume (L)		12.6	15.1	21.0	26.0
Heat exchanger power (kW)		50.0	60.0	94.0	112.0
Rate of flow heat-exchanger (m ³ /h)		2.2	2.6	4.0	5.0
Pressure loss (mbar)		190	480	610	832
Energy efficiency class			C		
Maximum working-temperature (°C)			95		
Max tank operating pressure (bar)		10		8	
Max working heat exchanger pressure (bar)			10		
Outlets for temperature probes			3		



Model	ØC	ØD	H	b	c	d	e	f	g	h	i	j	k	l	m
800	990	790	1875	1465	935	435	210	335	535	875	1145	1275	1455	1790	200
1000	990	790	2205	1830	1220	470	240	380	600	1120	1495	1660	1830	2140	200
1500	1200	1000	2185	1820	1350	515	280	415	575	1255	1375	1530	1870	2120	230
2000	1300	1100	2470	2000	1540	550	260	520	730	1430	1600	1750	1990	2405	230

Dimensions (mm)

		Model	
Outlet/Inlet tube		800-1000	1500-2000
1	Hot Water outlet	1 1/4"	1 1/2"
2	Anode	1 1/2"	1 1/2"
3	Probes	1/2"	1/2"
4	Electric element	1 1/2"	1 1/2"
6	Cold Water inlet	1 1/4"	1 1/2"
7	Heat exchanger outlet	1 1/4"	1 1/4"
8	Thermostat	1/2"	1/2"
9	Heat exchanger inlet	1 1/4"	1 1/4"
10	Recirculation	1"	1"

Storage tank 5 years warranty

Certifications

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



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