



BVE-W 1500 TO 3000

Single heat exchanger

The BVE-W series tanks are specially designed for solar systems with primary circuit. They are equipped with an exchanger.

The cylinder and the exchanger are made of enamelled steel. The connections of the exchanger are located on the side at the back of the tank, independently of the cold water inlet and hot water outlet located on the front side.

Description

- Domestic hot water storage tank* with solar exchanger
- Enamelled steel cylinder
- Zipped PVC cover finish

** Sanitary water in compliance with French and European health regulations*



Tank guarantee 5 years
Electrical guarantee 2 years

Certifications

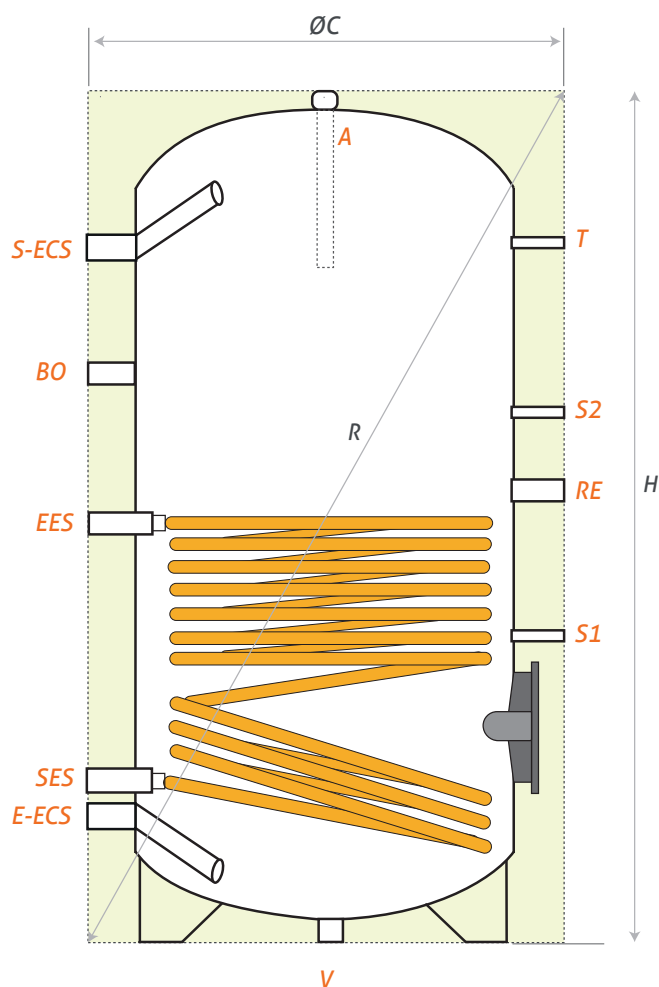
Enamelling to DIN 4753-3 standards and
UNI 10025

Made in the European Union



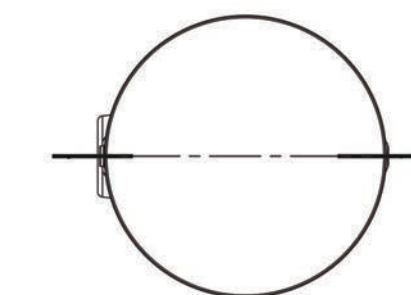
BVE-W 1500, 2000, 2500 and 3000 liters

Model / reference	1500 L	2000 L	2500 L	3000 L
Tank	BVE1500W	BVE2000W	BVE2500W	BVE3000W
Empty weight (kg)	360	455	650	735
Insulation: thickness (mm) / material	80 / polyurethane			
Heat dissipation ΔT 45K (W)	-	-	-	-
Cooling constant (Wh/l/K)	-	-	-	-
Max. working temperature (°C)	95			
Fire-resistance class	-			
Cylinder				
Capacity (liters)	1500	2000	2500	3000
Max. working pressure (bar)	10			
Connections	3			
Solar heat exchanger (lower)				
Volume contained (liters) / Exchange surface (m²)	28.8 / 3.49	37.1 / 4.50	52.5 / 5.78	59.7 / 6.57
Power (kW) / Flow (m³/h)	41.9 / 1.029	50.0 / 1.229	75.6 / 1.857	83.7 / 2.058
Pressure loss (kPa) / Max. working pressure (bar)	- / 10			



Model	ØC	H	R
1500	1120	2375	2625
2000	1310	2280	2630
2500	1460	2160	2610
3000	1460	2580	2965

Dimensions (mm)



		Model	
Connections		1500-2000	2500-3000
B	Flange	Ø125	Ø125
RE	Electrical resistance	2"	2"
S	Probe	½"	½"
T	Thermometer	½"	½"
E-ECS	Sanitary cold water inlet	1"¼	1"½
EES-SES	Heat exchanger inlet/outlet	1"¼	1"½
BO	DHW loop	1"¼	1"½
S-ECS	Sanitary hot water outlet	1"¼	1"½
A	Magnesium anode	1"¼	1"¼
V	Drain	2"	2"

SYRIUS SOLAR INDUSTRY
15 rue du Perpignan - ZAC Descartes
34880 Lavérune - France

+33 (0) 4 67 82 00 18

contact@syrius-solar.fr

SAS with capital of 150 800 € - RCS Montpellier 794 797 753 00041

www.syrius-solar.fr

