

BVX-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 stainless steel 316L. These tanks are to be placed on the ground.



Description

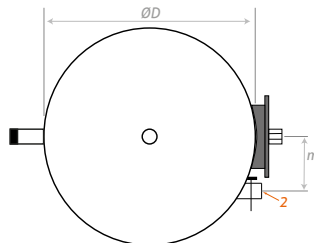
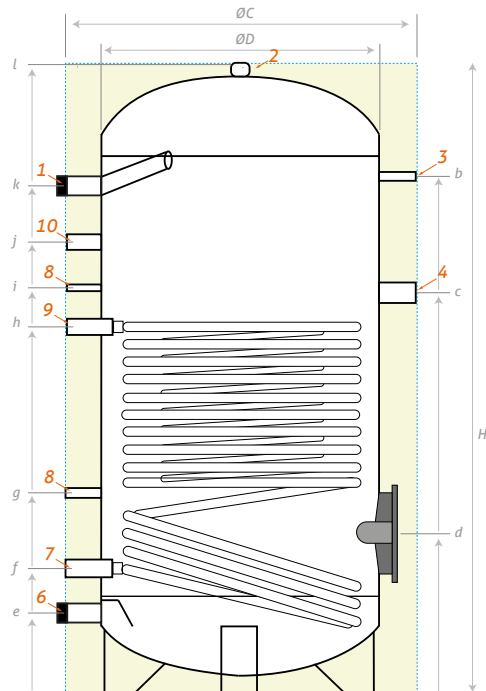
- Sanitary hot water storage tank* in stainless steel 316L, equipped with one heat exchanger.
- Polyester fiber insulation 100 mm thick, zipped PVC cover finish.
- Optional electric backup on 1 1/2" connection at mid-height.
- External casing classified as standard M1 fire.
- 5 years warranty, electric part 2 years warranty.

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



BVX-W 800 to 200 liters

Model	800 L	1000 L	1500 L	2000 L
Reference	BVX0800W	BVX1000W	BVX1500W	BVX2000W
Total capacity (liters)	738	910	1390	2043
Weight empty (kg)	130	150	260	320
Polyester fiber insulation (mm)		100		
Heat exchanger surface (m ²)	2.0	2.4	3.4	4.6
Heat exchanger volume (L)	12.6	15.1	19.5	28.1
Heat exchanger power (kW)	50	60	88	120
Rate of flow heat-exchanger (m ³ /h)	2.2	2.6	3.8	5.2
DHW production at 10-45°C (m ³ /h)	1.2	1.5	2.2	2.9
Pressure loss (mbar)	190	480	499	1019
Energy efficiency class			C	
Maximum working-temperature (°C)			95	
Max tank operating pressure (bar)			6	
Max working heat exchanger pressure (bar)			10	



	Model	
	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

Made in European Union



Model	ØC	ØD	H	b	c	d	e	f	g	h	i	j	k	l	m
800	990	790	1855	1465	1135	435	210	345	560	1035	1145	1275	1435	1790	200
1000	990	790	2105	1720	1350	440	210	310	535	1235	1395	1535	1700	2040	200
1500	1200	1000	2185	1775	1330	515	280	415	575	1255	1375	1530	1775	2120	230
2000	1400	1200	2220	1790	1245	565	280	420	675	1175	1410	1580	1790	2150	230

Dimensions (mm)

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 € 156 800 - RCS Montpellier 794 797 753 00041

www.syrius-solar.com

