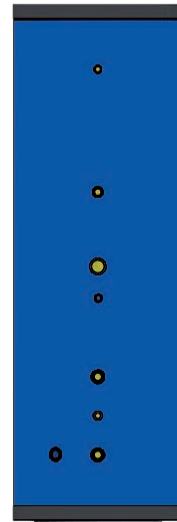




BVX-W 150 TO 1000 L

Single exchanger



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

Description

- Hot water storage tank* with solar heat exchanger
 - 316L stainless steel cylinder
 - 5017 blue RAL PVC finish
- * Sanitary water in compliance with French and European health regulations



*B: 150 and 200 L *C : 300 to 1000L

Tank guarantee 5 years
Electrical guarantee 2 years

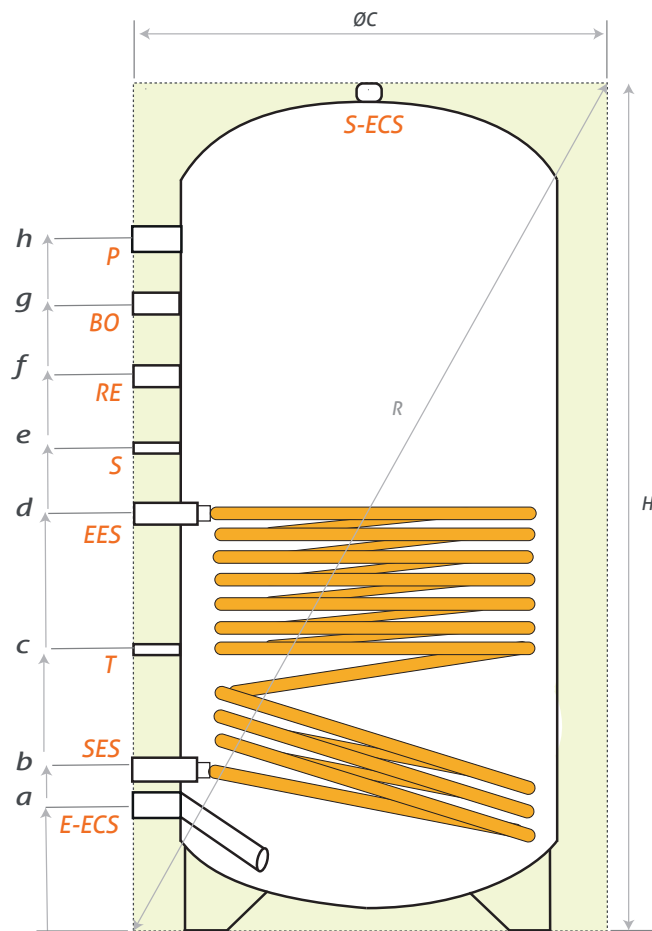
Certifications

Made in the European Union



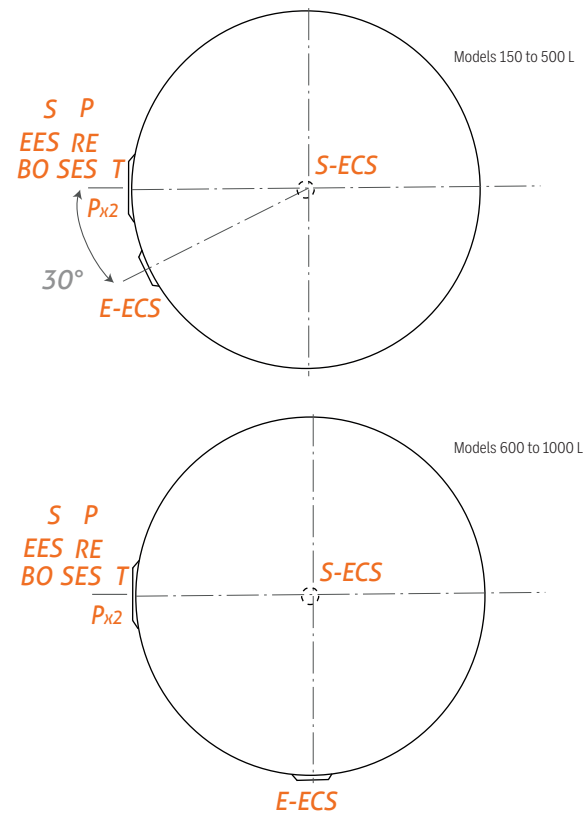
BVX-W 150 to 1000 liters

Model / reference	150 L	200 L	300 L	400 L	500 L	600 L	800 L	1000 L
Tank	BVX0150W	BVX0200W	BVX0300W	BVX0400W	BVX0500W	BVX0600W	BVX0800W	BVX1000W
Empty weight (kg)	-	-	-	-	-	-	-	-
Insulation: thickness (mm) / material	50 / polyurethane			50 / polystyrène		100 / polystyrène		
Heat dissipation ΔT 45K (W)	51	61	79	93	104	110	118	129
Cooling constant (Wh/l/K)	0.1537	0.1427	0.1300	0.1222	0.1165	0.0996	0.0792	0.0693
Max. working temperature (°C)					95			
Fire-resistance class	B2 DIN 4102-1				E EN 13501-1			
Cylinder								
Capacity (liters)	173	224	320	401	471	576	781	977
Max. working pressure (bar)					6			
Connections	3			4				
Solar heat exchanger (lower)								
Volume contained (liters) / Exchange surface (m ²)	4 / 1.2			5 / 1.5		13 / 2.4	14 / 2.7	16 / 3
Power (kW) / Flow (m ³ /h)					- / -			
Pressure loss (kPa) / Max. working pressure (bar)					- / 10			



Model	ØC	ØD	H	R	a-d	b	c	e	f	g	h
150	610	510	1070	1240	495	215	335	/	615	700	845
200	610	510	1320	1460	495	215	310	590	680	960	1095
300	610	510	1820	1920	495	215	355	775	890	1155	1595
400	710	610	1590	1750	495	215	355	675	790	1155	1345
500	710	610	1820	1960	495	215	355	775	610	1155	1595
600	850	650	2010	2190	740	310	450	870	985	1250	1690
800	950	750	2075	2290	785	355	495	915	1030	1295	1735
1000	990	790	2375	2580	955	355	555	1090	1225	1495	2035

Dimensions (mm)



Connections	Model						
	150	200	300	400	500	600-1000	
EES	Solar heat exchanger inlet	3/4" M	3/4" M	1 1/4" M	1 1/4" M	3/4" M	1"
SES	Solar heat exchanger outlet	3/4" M	3/4" M	3/4" M	3/4" M	3/4" M	1"
E-ECS	Sanitary cold water inlet	3/4" M	3/4" M	3/4" M	1"	1"	1 1/2"
S-ECS	Sanitary hot water outlet	3/4"	3/4"	3/4"	1"	1"	1 1/2"
BO	DHW loop	3/4"	3/4"	3/4"	3/4"	3/4"	1"
RE	Electrical resistance					1 1/2"	
S	Probe					1/2"	
P	Connection					1/2"	
T	Probe 2 nd	/	1/2"	1/2"	1/2"	1/2"	1/2"

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