

BT-W 1500 TO 5000

Single heat exchanger



The buffer tank is used to store thermal energy in a heating system.

These tanks are made up of a black steel tank, suitable for the storage of heating water, but not suitable for the storage of domestic hot water.



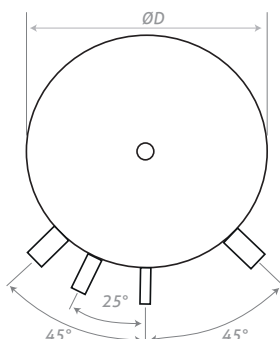
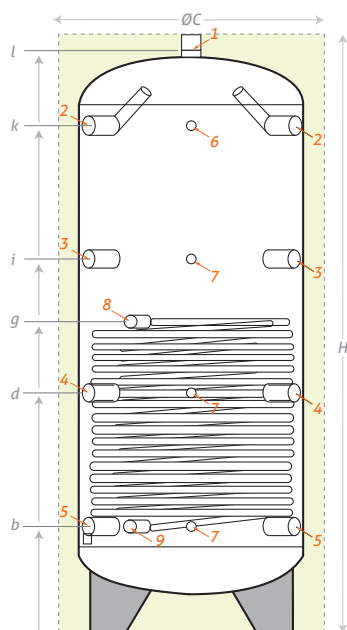
Description

- Buffer tank for heating system, equipped with one heat exchanger.
- Polyester fiber insulation 100 mm thick, varnished exterior finish.
- External casing classified as standard M1 fire.
- 2 years warranty.



BT-W 1500, 2000, 2500, 3000, 4000 and 5000 liters

	Model	1500 L	2000 L	2500 L	3000 L	4000 L	5000 L
Reference	BT1500W	BT2000W	BT2500W	BT3000W	BT4000W	BT5000W	
Total capacity (liters)	1410	2010	2346	2959	4043	5055	
Weight empty (kg)	266	372	380	421	520	557	
Polyester fiber insulation (mm)	100	100	100	100	100	100	
Heat exchanger surface (m ²)	3.8	3.8	3.8	5.0	5.0	5.0	
Heat exchanger volume (L)	21.6	21.6	21.6	28.2	28.2	28.2	
Heat exchanger power (kW)	99	103	107	130	135	140	
Rate of flow heat-exchanger (m ³ /h)	4.2	4.4	4.6	5.6	5.8	6.0	
Pressure loss (mbar)	700	759	818	1556	1678	1804	
Energy efficiency class	C	C	NC	NC	NC	NC	
Maximum working-temperature (°C)	95	95	95	95	95	95	
Max tank operating pressure (bar)	3	3	3	3	3	3	
Max working heat exchanger pressure (bar)	10	10	10	10	10	10	
Flange (Ø mm)	290 / 200	290 / 200	290 / 200	290 / 200	290 / 200	290 / 200	290 / 200



	Model
Outlet/Inlet tube	1500 to 5000
1 Air evacuation	1"¼
2-3 Inlet / outlet	1"½
4-5	
6 Thermometer	½"
7 Probes	½"
8 Heat exchanger inlet	1"
9 Heat exchanger outlet	1"

Buffer tank 2 years warranty

Certifications

Made in European Union



Model	ØC	ØD	H	b	d	g	i	k	l
1500	1200	1000	2165	390	850	1290	1310	1770	2090
2000	1300	1100	2480	390	950	1290	1510	2070	2405
2500	1450	1250	2220	395	855	1295	1315	1775	2145
3000	1450	1250	2720	390	1020	1170	1650	2280	2645
4000	1700	1500	2645	470	1030	1095	1590	2150	2575
5000	1800	1600	2870	465	1100	1090	1730	2355	2795

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

