

BT-W 800 TO 1500

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.



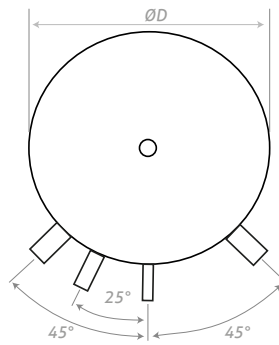
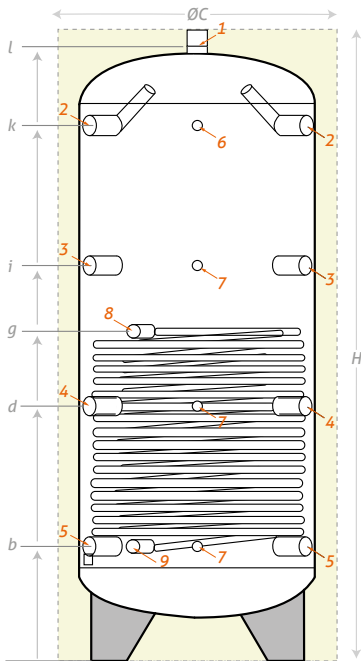
Description

- 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 800, 1000, 1250 and 1500 liters

Model	800 L	1000 L	1250 L	1500 L
Reference	BT0800W	BT1000W	BT1250W	BT1500W
Total capacity (liters)	710	920	1095	1410
Weight empty (kg)	176	196	243	266
Polyester fiber insulation (mm)	100			
Heat exchanger surface (m ²)	2.6	2.6	3.8	3.8
Heat exchanger volume (L)	14.6	14.6	21.6	21.6
Heat exchanger power (kW)	65	68	95	99
Rate of flow heat-exchanger (m ³ /h)	2.8	2.9	4.1	4.2
Heating water production (m ³ /h)	1.6	1.7	2.3	2.4
Pressure loss (mbar)	208	228	645	700
Energy efficiency class	C			
Maximum working-temperature (°C)	95			
Max tank operating pressure (bar)	3			
Max working heat exchanger pressure (bar)	10			
Flange (Ø mm)	290 / 200			



Outlet/Inlet tube	Model 800 to 1500
1 Air evacuation	1"¼
2 Boiler inlet	1"½
3 Heating inlet	1"½
4 Boiler outlet - heating at 50°C	1"½
5 Boiler outlet - heating at 30°C	1"½
6 Thermometer	½"
7 Probes	½"
8 Heat exchanger inlet	1"
9 Heat exchanger outlet	1"

Model	ØC	ØD	H	b	d	g	i	k	l
800	990	790	1800	340	720	1045	1095	1470	1725
1000	990	790	2190	280	810	990	1335	1860	2115
1250	1100	900	2095	360	820	1260	1280	1740	2020
1500	1200	1000	2165	390	850	1290	1310	1770	2090

Dimensions (mm)

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Buffer tank 2 years warranty

Certifications

Made in European Union



www.syrius-solar.com

