

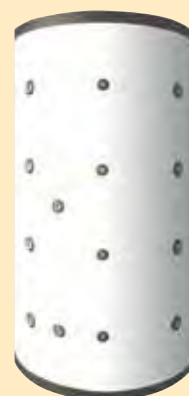
BT-WW 300 TO 2000

Double 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.



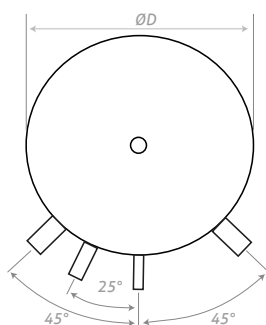
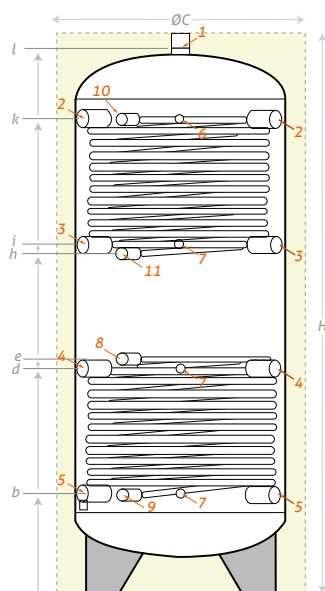
Description

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



BT 300, 500, 800, 1000, 1500 and 2000 liters

Model	300 L	500 L	800 L	1000 L	1500 L	2000 L
Reference	BT0300WW	BT0500WW	BT0800WW	BT1000WW	BT1500WW	BT2000WW
Total capacity (liters)	270	476	710	920	1410	2010
Weight empty (kg)	117	162	200	220	298	407
Polyester fiber insulation (mm)	100					
Heat exchanger surface S1/S2 (m ²)	1.8 / 1.1	2.0 / 2.0	2.5 / 2.0	3.0 / 2.0	3.5 / 3.0	4.0 / 3.1
Heat exchanger volume S1/S2 (L)	10.4 / 6.4	11.4 / 11.4	14.2 / 11.8	16.6 / 11.8	20.5 / 19.0	24.8 / 19.5
Heat exchanger power S1/S2 (kW)	43 / 26	48 / 34	63 / 42	75 / 42	91 / 66	96 / 74
Rate of flow heat-exchanger S1/S2 (m ³ /h)	1.9 / 1.1	2.1 / 1.7	2.7 / 1.8	3.2 / 1.8	3.9 / 2.8	4.1 / 3.2
Heating water production S1/S2 (m ³ /h)	1.1 / 0.9	1.0 / 1.0	1.0 / 1.0	1.0 / 1.0	1.6 / 1.6	2.8 / 1.7
Pressure loss S1/S2 (mbar)	67 / 58	91 / 63	191 / 72	313 / 72	565 / 276	765 / 279
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					



Model	ØC	ØD	H	b	d	f	h	i	k	l
300	700	500	1635	230	600	785	1025	970	1340	1560
500	850	650	1775	330	710	900	1050	1090	1470	1700
800	990	790	1800	340	720	910	1060	1095	1470	1725
1000	990	790	2190	280	810	1075	1395	1335	1860	2115
1500	1200	1000	2165	390	850	1080	1220	1310	1770	2090
2000	1300	1100	2480	390	950	1230	1500	1510	2070	2405

Dimensions (mm)

Outlet/Inlet tube	Model
	300 to 2000
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"
10 Heat exchanger inlet	1"
11 Heat exchanger outlet	1"

Buffer tank 2 years warranty

Certifications

Made in European Union



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