



BT-WW 300 TO 1000

Double heat exchanger



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

These tanks are made of a black steel cylinder suitable for storing heating water, but not suitable for storing domestic hot water. They are equipped with two heat exchangers.

Description

- Buffer tank for heating circuit, with two internal heat exchanger
- Black steel cylinder for technical water



*B: 300 L *C : 500 to 1000L

Tank guarantee 2 years

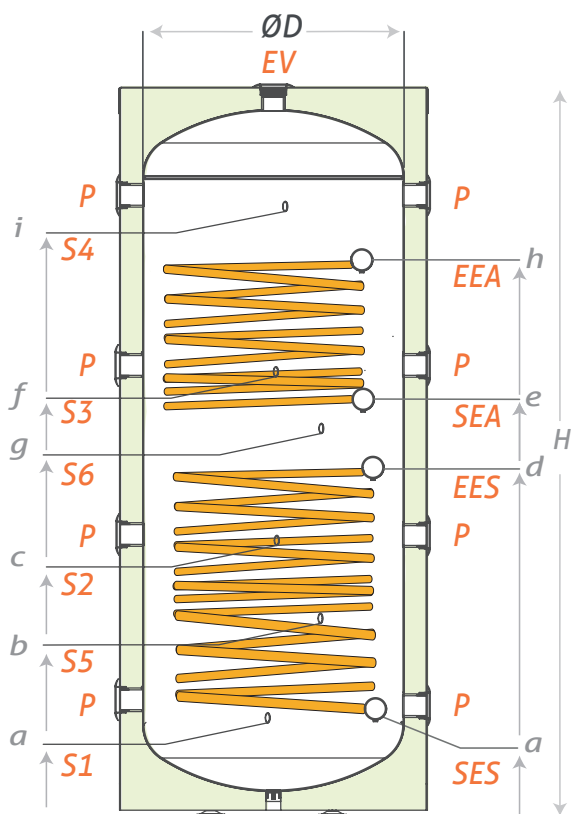
Certifications

Made in the European Union



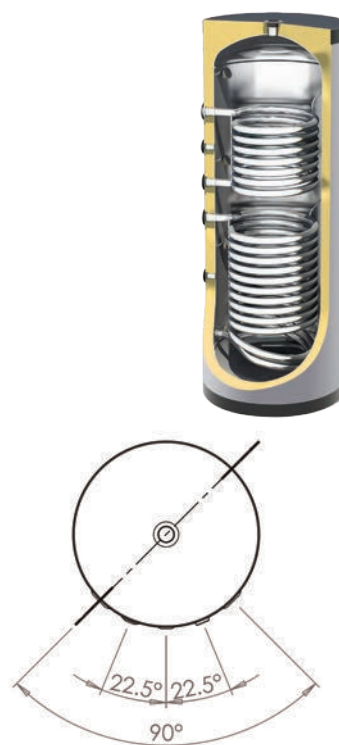
BT-WW 300, 500, 800 and 1000 liters

Model / reference	300 L	500 L	800 L	1000 L
Tank	BT0300WW	BT0500WW	BT0800WW	BT1000WW
Empty weight (kg)	113	164	195	225
Insulation: thickness (mm) / material	50 / polyurethane		70 / polyurethane	
Heat dissipation ΔT 45K (W)	71	104	133	146
Cooling constant (Wh/l/K)	0.1333	0.1249	0.0930	0.0815
Max. working temperature (°C)	95			
Fire-resistance class	M1 standard			
Cylinder				
Capacity (liters)	284	444	763	955
Max. working pressure (bar)	3			
Connections	8			
Heat exchanger (upper)				
Volume contained (liters) / Exchange surface (m ²)	5.10 / 0.85	6.06 / 0.96	11.96 / 1.46	12.17 / 1.49
Power (kW) / Flow (m ³ /h)	26 / 0.639	31 / 0.762	39 / 0.958	33 / 0.811
Pressure loss (kPa) / Max. working pressure (bar)	- / 6			
Solar heat exchanger (lower)				
Volume contained (liters) / Exchange surface (m ²)	7.66 / 1.27	12.44 / 2.06	20.11 / 2.45	26 / 3.18
Power (kW) / Flow (m ³ /h)	34 / 0.835	52 / 1.278	57 / 1.401	78 / 1.917
Pressure loss (kPa) / Max. working pressure (bar)	- / 6			



Model	ØC	ØD	H	a	b	c	d	e	f	g	h	i
300	600	500	1760	242	512	665	782	942	1088	1122	1302	1511
500	700	600	1900	238	576	712	913	1073	1184	1231	1388	1656
800	990	850	1770	331	606	678	878	1025	1025	1200	1375	1372
1000	990	850	2100	331	689	797	1046	1262	1262	1437	1612	1727

Dimensions (mm)



Connections	Model	
	300-500	800-1000
EES-SES	Solar heat exchanger inlet/outlet	1" F 1 1/2" F
3	Hot water outlet	1" F 1 1/2" F
4	Hot water inlet	1" F 1 1/2" F
L1.2.3.4	Inlets / Outlets	1 1/2" F 1 1/2" F
S1-2-3-4-5-6	Temperature probes	1/2" F 1/2" F
EV	Steam trap	1 1/2" F 1 1/2" F
T	Thermometer	1/2" F 1/2" F

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