

ES Buffer Tanks

ES Buffer Tanks are manufactured from high performance stainless steel for longer lifespan and for high performance. Due to the chosen construction material the system connected to it is not being polluted with particles that could affect other components in the system, as it may happen with traditional black steel buffer tanks.

The slim design of the ES Buffer Tanks makes sure that the space usage is as less as possible. Both the 100 liter and the 200 liter version need less than 0.2 m² of space when installed. The 100 liter versions includes a wall bracket, so that it can also be mounted on the wall for even less space usage.

Both the 100 and 200 liter models have an additional coil inside to have the possibility for connecting additional heating sources or for preheating the sanitary water.

MODEL	Unit	BT100TC-1	BT100TC-2	BT200TC-1
Article number	bar	120200	120201	120205
Max water pressure	bar	10		
Water temperature Max.	°C	95		
Volume	l	100	100	200
Hight	mm	1500		
Diameter	mm	375		520
Material of inner tank		Stainless steel 304		
Material of coil		Not available	Stainless steel 316	
Insulation – Type / Thickness	mm	Polyurethan / 37.5		Polyurethan / 50.0
Colour		White		
Thermometer		Yes		
Weight	kg	25	29	46
Coil	m	Not available	15	20
Coil diameter	mm	Not available	22	
2 inch/ R50 connector	pcs	1		
Wall bracket		Yes		Not available
Connections		1 inch, top connections		
Thermowell	pcs	2		

Great solution for all installations



ES Multifunctional Tanks

ES Multifunction Tank – designed to efficiently combine several different heat sources and is very well insulated for minimal heat losses and maximum efficiency.

ES Multifunction Tank is a complete heating system for residential and hot water heating. The tank has connections for several sources of energy and becomes the "hub" in the house's heating system. It can be used as a clean electric boiler, or connected to solar collector, pellets, heat pump, water-powered wood stove, etc. in combination.

MODEL	Unit	MWT 75.4	MWT 300.4-3H	MWT 500.4-3H
Article number		120177	120175	120176
Water pressure Max.	bar	10		
Water temperature Max.	°C	95		
Volume	l	75	300	500
Height	mm	875	1560	1850
Diameter	mm	476	630	708
Inner tank and coils		Stainless 304 and 316		
Outer tank		Stainless 304, powder-coated		
Insulation		Polyurethane, 50 mm	Polyurethane, 100 mm	Polyurethane, 70 mm
Weight (blank)	kg	30	95	120
Spiral (s) for solar collector/hot water	m	15	10+20+20	15+20+20
Capacity coils, kW total	kW	4.90	16.30	17.90
R50 connector	pcs	1	1	2
Electric heater	kW	-	3	3
Connections Tank/spirals		1 " female		

ES Multifunction Tanks are constructed in stainless steel. This keeps the system clean, increases efficiency and has a longer lifespan. The tank is therefore approved also as a pure water heater. Corrugated stainless spirals provide maximum heat transfer between the accumulator volume and hot water or solar collector.

The 300 and 500 liter tanks have a 3 kW electric heater built in to increase the capacity of larger hot water needs. This is thermostat regulated from 30–75 °C and it is intended only as a backup for heating hot water.

