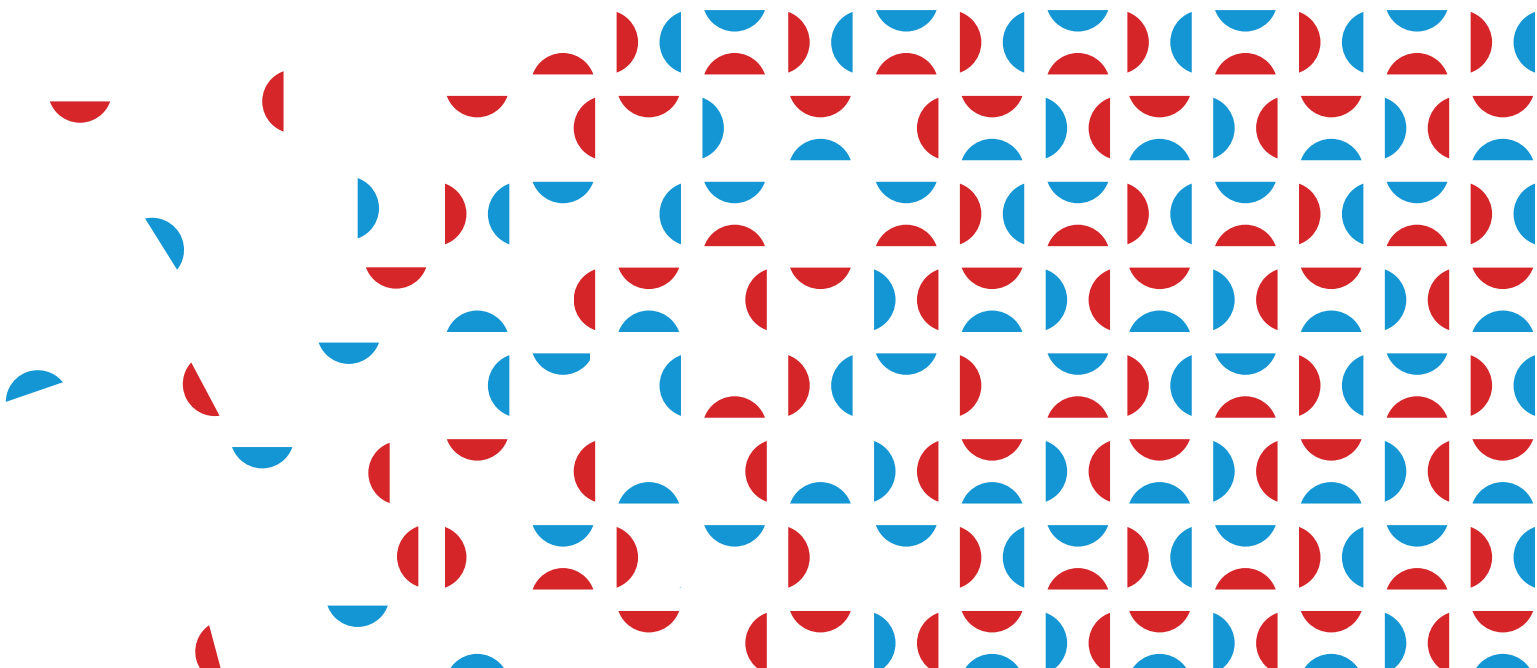


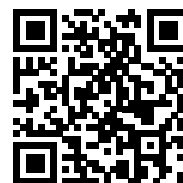
DHW STORAGE TANKS

WATER HEATERS WITH REMOVABLE COIL

BSX 1



Water heater with tube exchanger - BSX 1



PRICES

The BSX 1 range consists of shell and tube boilers for domestic hot water production available in different capacities, from 200 to 5000 litres. They are equipped with different types of insulation according to capacity (see table Insulation), PVC outer jacket, and magnesium anode for protection against galvanic currents.

Material

The tanks are made of high quality material, in particular:

- Accumulator body: carbon steel S 235 JR
- Shell and tube heat exchanger: AISI 304 stainless steel
- Exchanger head: hot-dip galvanised carbon steel S 235 JR

Internal protective treatment

- up to 1000 litres inorganic **glass-lining**, complying with DIN 4753.3
- 1500 litre **Bluetech enamelling** with thermo-setting resins, suitable for domestic water



Insulation

Capacity (l)	Type
from 200 to 1000	High-density rigid polyurethane foam
by 1500	Polyester Fibre

Limit of use

Capacity l	Tank side		Primary circuit	
	Temperature max.	Pressure max.	Temperature max.	Pressure max.
up to 1000	95°C	10 bar	110°C	12 bar
by 1500	80°C	6 bar	110°C	12 bar

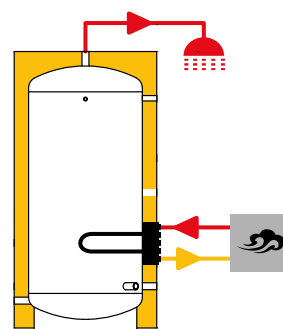
Accessories Included: safety valve and thermometer for sizes up to 1000 l, magnesium sacrificial anode for all sizes.

Standard accessories: see page 163

Special executions: see page 165



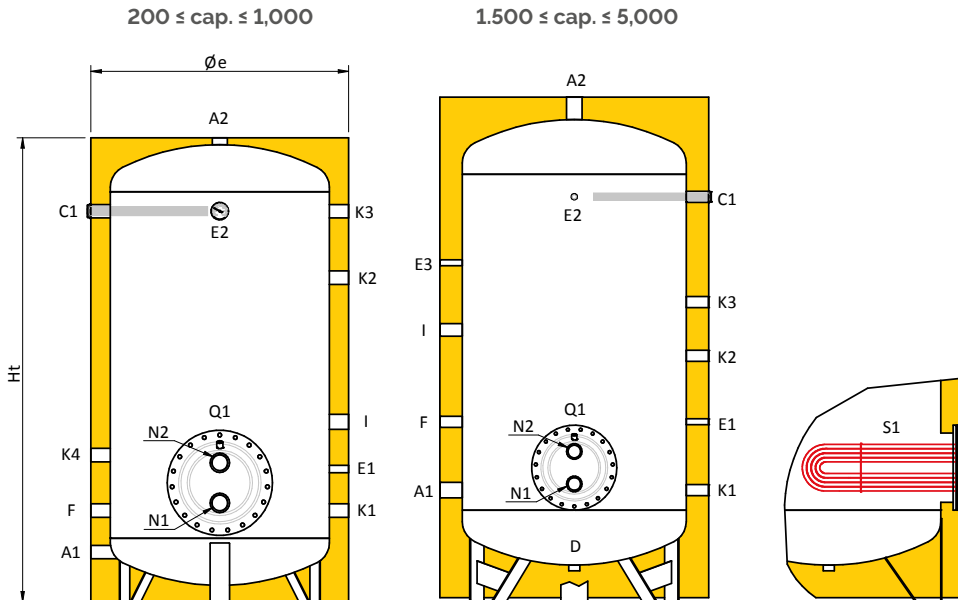
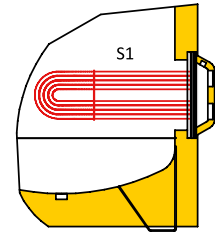
TESTED



Capacity l	Code	Price	Energy class	With vertical packaging	
				Dimensions cm	Weight kg
200	318060081X	1.784,00 €	A	75x75x125	84
300	318060082X	1.905,00 €	A	75x75x150	96
500	318060083X	2.318,00 €	B	85x85x180	136
750	318060084X	3.902,00 €	C	100x100x180	221
1000	318060085X	4.647,00 €	C	105x105x210	269
1500	318080375X	5.109,00 €	C	130x130x245	289
2000	318080361X	5.928,00 €	C	140x140x275	368
2500	318080362X	6.882,00 €		145x145x280	410
3000	318080363X	7.826,00 €		150x150x300	459
4000	318080364X	10.117,00 €		165x165x310	638
5000	318080365X	11.364,00 €		185x185x315	738



Water heater with tube exchanger - BSX 1



Connection legend

A1	Domestic water inlet
A2	Domestic water outlet
C1	Anode
C2	Anode
D	Drain
E1	Probe/Thermometer
E2	Probe/Thermometer
E3	Probe/Thermometer
F	Recirculation
I	Electrical Resistance
K1	Auxiliary
K2	Auxiliary
K3	Auxiliary
K4	Auxiliary
N1	Lower exchanger outlet
N2	Lower exchanger inlet
Q1	Inspection port
S1	Lower Exchanger

Connection table

Cap. l	A1 inches	A2 inches	C1 inches	D inches	E1 inches	E2 inches	E3 inches	F inches	I inches	K1 inches	K2 inches	K3 inches	K4 inches	N1 inches	N2 inches	Q1 (Øext/Øint) mm
200	1 1/4	1 1/4	1 1/4	-	1/2"	1/2"	-	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1"	1"	Ø300/Ø220
300	1 1/4	1 1/4	1 1/4	-	1/2"	1/2"	-	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1"	1"	Ø300/Ø220
500	1 1/4	1 1/4	1 1/4	-	1/2"	1/2"	-	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1"	1"	Ø300/Ø220
750	1 1/4	1 1/4	1 1/4	-	1/2"	1/2"	-	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	2"	2"	Ø380/Ø300
1000	1 1/4	1 1/4	1 1/4	-	1/2"	1/2"	-	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	2"	2"	Ø380/Ø300
1500	2"	2"	1 1/4	1 1/4	1/2"	1/2"	1/2"	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	-	2"	2"	Ø380/Ø300
2000	2"	2"	1 1/4	1 1/4	1/2"	1/2"	1/2"	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	-	2"	2"	Ø430/Ø350
2500	2 1/2	2 1/2	1 1/4	1 1/4	1/2"	1/2"	1/2"	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	-	2"	2"	Ø430/Ø350
3000	3"	3"	1 1/4	1 1/4	1/2"	1/2"	1/2"	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	-	2"	2"	Ø430/Ø350
4000	3"	3"	1 1/4	1 1/4	1/2"	1/2"	1/2"	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	-	2"	2"	Ø430/Ø350
5000	3"	3"	1 1/4	1 1/4	1/2"	1/2"	1/2"	1 1/4	1 1/2	1 1/4	1 1/4	1 1/4	-	2"	2"	Ø430/Ø350

Size table

Cap. l	Øe mm	Ht mm	R' mm	A1 mm	C1 mm	D mm	E1 mm	E2 mm	E3 mm	F mm	I mm	K1 mm	K2 mm	K3 mm	K4 mm	N1 mm	N2 mm	Q1** mm
200	710	1105	1315	150	885	-	295	885	-	295	445	150	595	990	495	285	405	345
300	710	1355	1530	150	1135	-	445	1135	-	295	595	295	795	1135	495	295	415	355
500	810	1635	1825	145	1390	-	460	1390	-	310	610	310	1150	1390	510	310	430	370
750	950	1675	1925	180	1410	-	480	1410	-	330	650	330	1170	1410	530	358	503	430
1000	1010	1965	2210	200	1680	-	500	1680	-	350	670	350	1190	1680	550	378	523	450
1500	1250	2280	2600	500	1810	165	805	1810	1515	805	1215	500	1100	1340	-	5287	673	600
2000	1350	2600	2930	505	2115	155	805	2115	1805	805	1505	505	1105	1345	-	525	715	620
2500	1400	2655	3000	565	2150	175	865	2150	1850	850	1550	565	1165	1405	-	585	775	680
3000	1450	2870	3215	575	2350	180	800	2350	2050	850	1750	575	1050	1415	-	595	785	690
4000	1600	2940	3350	600	2380	160	900	2380	2080	870	1780	600	1200	1440	-	620	810	715
5000	1800	2980	3480	610	2385	140	910	2385	2085	885	1785	610	1210	1450	-	630	820	725

R': Tipping height

Q1'': height from the centre of the hatch to the ground

Wenkel S.r.l

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