

Water heater with tube heat exchanger, internal treatment with Bluetech – BOIL BLUE

The BLUE BOIL gamma consists of water heaters with tube heat exchanger for the production of domestic hot water. They are available in several capacities, from 500 up to 5000 litres. Depending on their capacity, they are equipped with very thick rigid or flexible insulation, external cover in red PVC and a magnesium anode for the protection against galvanic currents.

Features

✓ Special versions:

The BOIL BLUE gamma can also be customized on request: customized dimensions, flanged couplings, customized couplings, thicker insulation, thick aluminium coating etc..

✓ Materials:

The boilers are made from high quality materials such as:

Tank: carbon steel ST235 JR

Tube heat exchanger: AISI 304 stainless steel

Exchanger head: galvanized carbon steel ST235 JR

✓ Internal protective treatment:

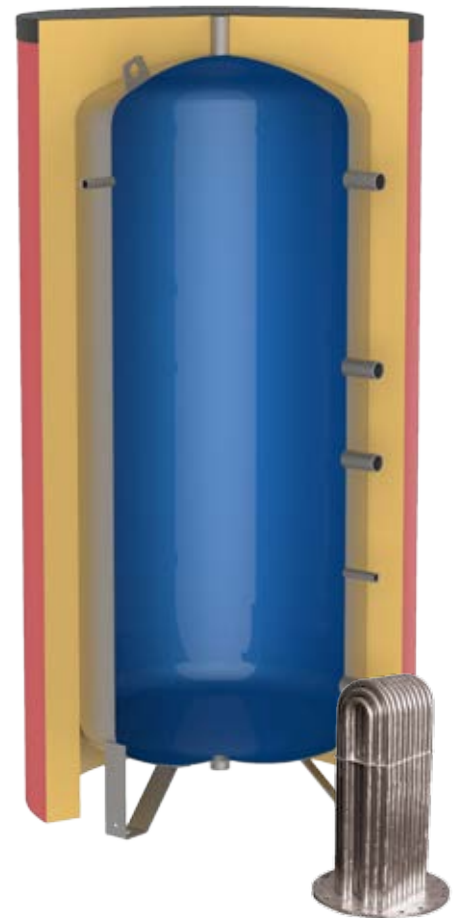
The water heaters are treated with Bluetech varnish, made of thermosetting resins, and suited for use with drinking water and food.

✓ Insulation:

The water heaters are insulated with flexible polyurethane with a thickness of 100mm. The insulation can be removed, which makes it possible to install the device in small spaces.

✓ Accessories on request:

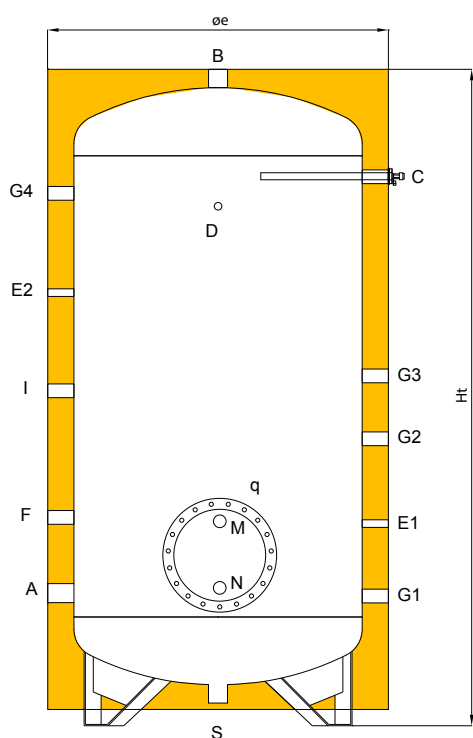
Tube heat exchanger for steam or superheated water, external plate heat exchanger kit, impressed current electronic anode, electrical resistance.



Storage		Primary circuit	
max. temperature	max. pressure	max. temperature	max. pressure
80°C	6 bar	110°C	12 bar

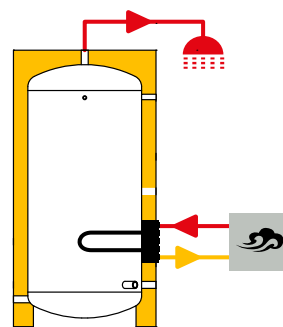
capacity l	code	price	energy label	packed	
				dimensions cm	weight kg
500	818080372X		D	88x88x192,5	118
800	818080373X			102x102x221	181
1000	818080374X			107x107x224	206
1500	818080375X			123x123x237,5	262
2000	818080361X			132x132x269,5	324
2500	818080362X			147x147x277,5	368
3000	818080363X			147x147x299	409
4000	818080364X			163x163x306	582
5000	818080365X			183x183x310	687

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Legend couplings

A	domestic water inlet
B	domestic water outlet
C	anode
D	thermometer
E1	thermostat
E2	thermostat
F	recirculation
G1	auxiliary
G2	auxiliary
G4	auxiliary
I	electrical resistor
M	primary circuit inlet
N	primary circuit outlet
S	discharge
q	inspection hole



Coupling chart

capacity l	A pollici	B pollici	C pollici	D pollici	E1 mm	E2 mm	F pollici	G1 pollici	G2 pollici	G4 pollici	G5 pollici	I pollici	M pollici	N pollici	S pollici	q mm
500	1'1/4	1'1/4	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	1"	1"	1'1/4	220/300
800	1'1/2	1'1/2	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	300/380
1000	1'1/2	1'1/2	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	300/380
1500	2"	2"	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	300/380
2000	2"	2"	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	350/430
2500	2'1/2	2'1/2	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	350/430
3000	3"	3"	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	350/430
4000	3"	3"	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	350/430
5000	3"	3"	1'1/4	1/2"	1/2"	1/2"	1'1/4	1'1/4	1'1/4	1'1/4	\	1'1/2	2"	2"	1'1/4	350/430

Height chart

capacity l	Øe mm	Ht mm	R' mm	A mm	C mm	D mm	E1 mm	E2 mm	F mm	G1 mm	G2 mm	G3 mm	G4 mm	I mm	M mm	N mm	q mm
500	850	1805	1996	375	1445	1445	675	1145	675	375	975	1215	-	845	505	385	445
800	950	2090	2296	390	1720	1720	710	1420	710	390	1010	1230	-	1160	572,5	427,5	500
1000	1050	2120	2366	400	1720	1720	700	1420	755	400	1000	1240	-	1140	582,5	437,5	510
1500	1200	2255	2555	500	1810	1810	805	1515	805	500	1100	1340	-	1230	672,5	527,5	600
2000	1300	2575	2885	505	2115	2115	805	1805	805	505	1105	1345	-	1505	715	525	620
2500	1400	2655	3002	565	2150	2150	865	1850	850	565	1165	1405	-	1550	775	585	680
3000	1450	2870	3216	575	2350	2350	800	2050	850	575	1050	1415	-	1750	785	595	690
4000	1600	2940	3348	600	2380	2380	900	2080	870	600	1200	1440	-	1780	810	620	715
5000	1800	2980	3482	610	2385	2385	910	2085	885	610	1210	1450	-	1785	820	630	725

R': reversal quota