

# Water heater with tube heat exchanger

## BOIL INOX

The BOIL INOX gamma consists of water heaters with tube heat exchanger for the production of domestic hot water. They are available in several capacities, from 200 up to 5000 litres and equipped with very thick flexible insulation, external cover in red PVC and a magnesium anode for protection against galvanic currents.

### Features

#### ✓ Special versions:

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

#### ✓ Materials:

The boilers are made from high quality materials such as:

Tank: AISI 316T stainless steel

Tube heat exchanger: AISI 316 stainless steel

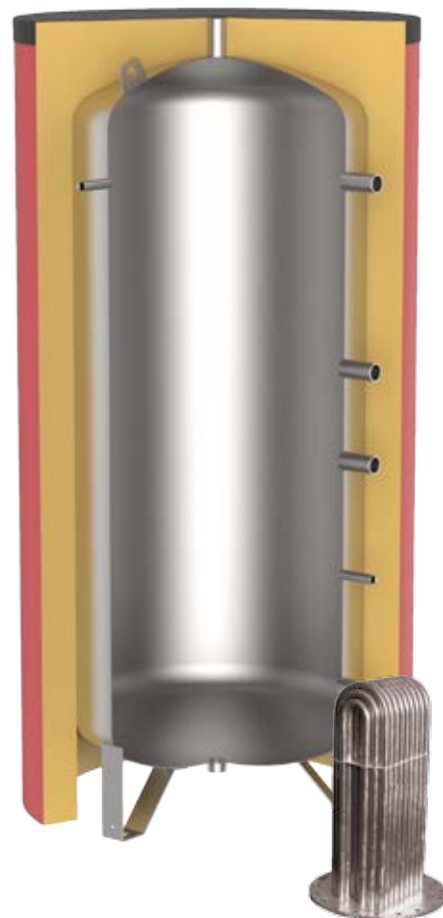
Exchanger head: galvanized carbon steel ST235 JR

#### ✓ 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:

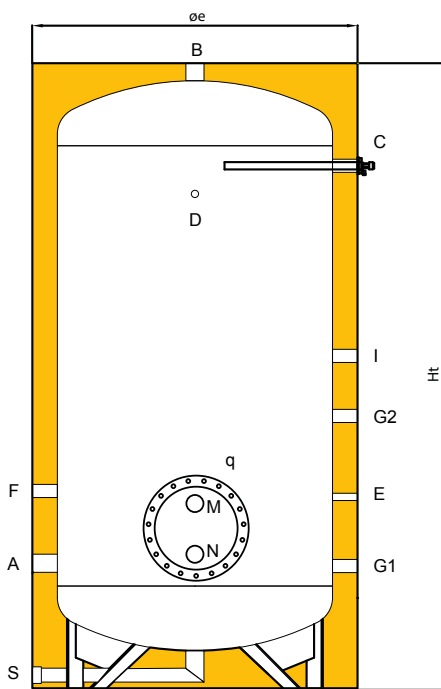
Tube heat exchanger for steam or superheated water, external plate heat exchanger kit, impressed current electronic anode, electrical resistance.



Storage		Primary circuit	
max. temperature	max. pressure	max. temperature	max. pressure
95°C	6 bar	110°C	12 bar

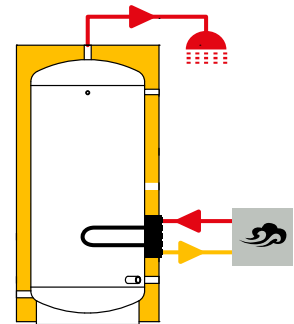
capacity l	code	price	energy label	packed
				dimensions cm
200	818040067X		C	68x68x159
300	818040068X		C	78x78x163
500	818040069X		D	83x83x207
800	818040070X			102x102x204
1000	818040071X			103x103x231
1500	818040072X			123x123x232
2000	818040073X			143x143x240
2500	818040074X			143x143x265
3000	818040075X			148x148x292
4000	818040076X			163x163x300
5000	818040077X			183x183x303

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## Legend couplings

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



## Coupling chart

capacity l	A inch	B inch	C inch	D inch	E mm	F inch	G1 inch	G2 inch	I inch	M inch	N inch	S inch	q mm
200	1"	1"	1 1/4"	1/2"	1/2"	1"	1 1/4"	1 1/4"	1 1/2"	1"	1"	1"	220/300
300	1"	1"	1 1/4"	1/2"	1/2"	1"	1 1/4"	1 1/4"	1 1/2"	1"	1"	1"	220/300
500	1"	1"	1 1/4"	1/2"	1/2"	1"	1 1/4"	1 1/4"	1 1/2"	1"	1"	1"	220/300
800	1 1/4"	1 1/4"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	1 1/4"	300/380
1000	1 1/4"	1 1/4"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	1 1/4"	300/380
1500	1 1/2"	1 1/2"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	1 1/2"	300/380
2000	2"	2"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	350/430
2500	2"	2"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	350/430
3000	2"	2"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	350/430
4000	2 1/2"	2 1/2"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2 1/2"	350/430
5000	2 1/2"	2 1/2"	1 1/4"	1/2"	1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2 1/2"	350/430

## Height chart

capacity l	Øe mm	Ht mm	R* mm	A mm	C mm	D mm	E mm	F mm	G1 mm	G2 mm	I mm	M mm	N mm	q mm
200	650	1470	1608	275	1195	1195	275	725	275	1115	870	435	315	375
300	750	1510	1687	295	1215	1215	295	745	295	1135	965	455	335	395
500	800	1950	2108	270	1690	1690	270	970	270	1110	1050	430	310	370
800	990	1920	2161	395	1550	1550	395	970	395	1235	1185	607,5	462,5	535
1000	1000	2190	2408	405	1805	1805	405	1105	405	1245	1445	617,5	472,5	545
1500	1200	2200	2506	425	1815	1815	425	1115	425	1265	1455	627,5	482,5	555
2000	1400	2280	2676	460	1850	1850	460	1150	460	1300	1490	710	520	615
2500	1400	2530	2892	460	2100	2100	460	1275	460	1300	1350	710	520	615
3000	1450	2800	3154	475	2365	2365	475	1415	475	1315	1645	725	535	630
4000	1600	2880	3295	530	2400	2400	530	1450	530	1370	1680	760	570	665
5000	1800	2910	3422	530	2400	2400	530	1450	530	1370	1680	760	570	665

R\*: reversal quota