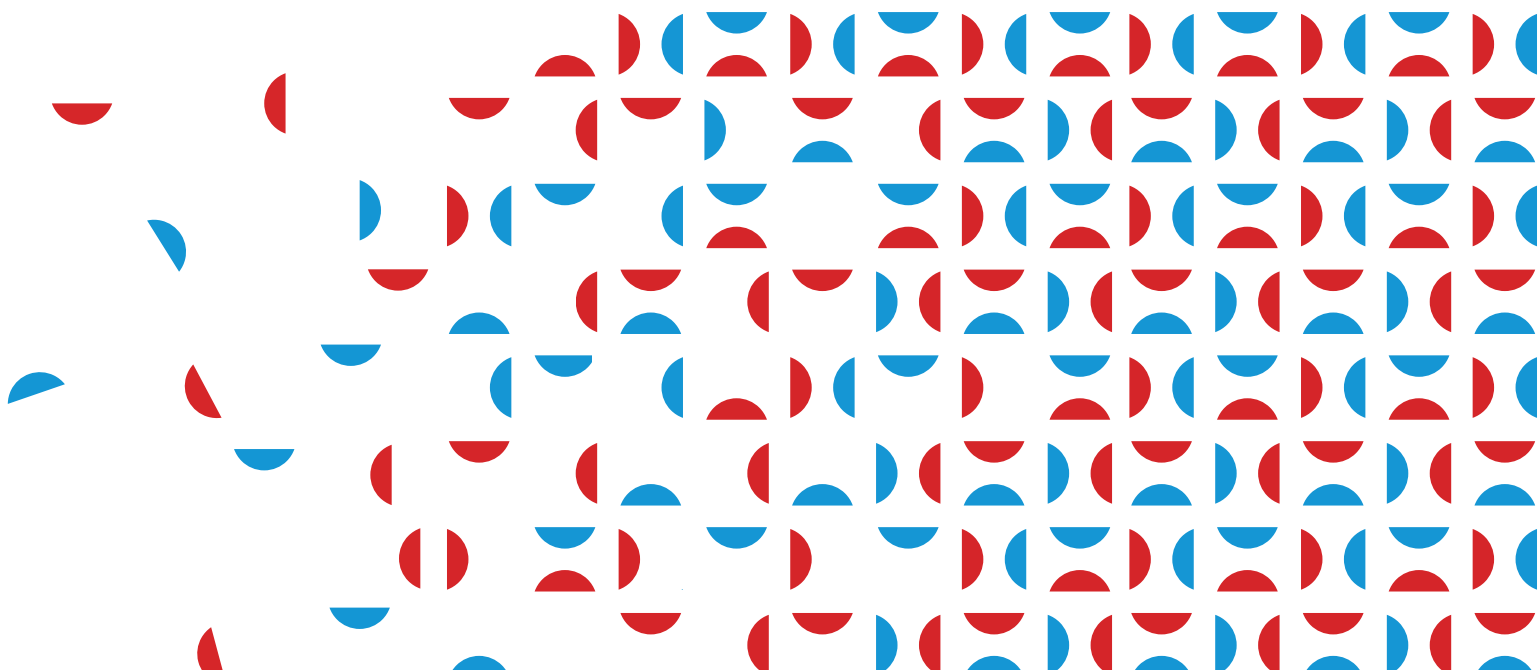


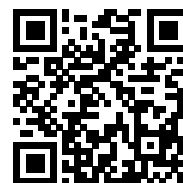
DHW STORAGE TANKS

WATER HEATERS WITH REMOVABLE COIL

BXX 1



Stainless steel water heater with tube exchanger - BXX 1



PRICES

The BXX 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 polyester fibre 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: INOX AISI 316 L
 Shell and tube heat exchanger: AISI 316 L stainless steel
 Exchanger head: hot-dip galvanised carbon steel S 235 JR

Internal protective treatment: pickling and passivation

Insulation

Capacity (l)	Type
from 200 to 5000	Polyester Fibre

Limit of use

Tank side		Primary circuit	
Temperature max.	Pressure max.	Temperature max.	Pressure max.
95°C	6 bar	110°C	12 bar

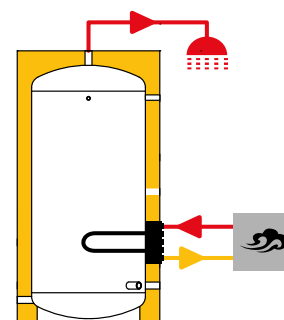
Accessories Included: Magnesium sacrificial anode for all sizes.

Standard accessories: see page 163

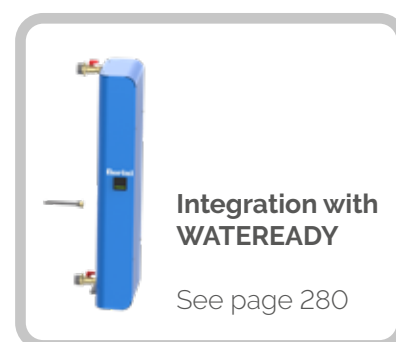
Special executions: see page 165



TESTED



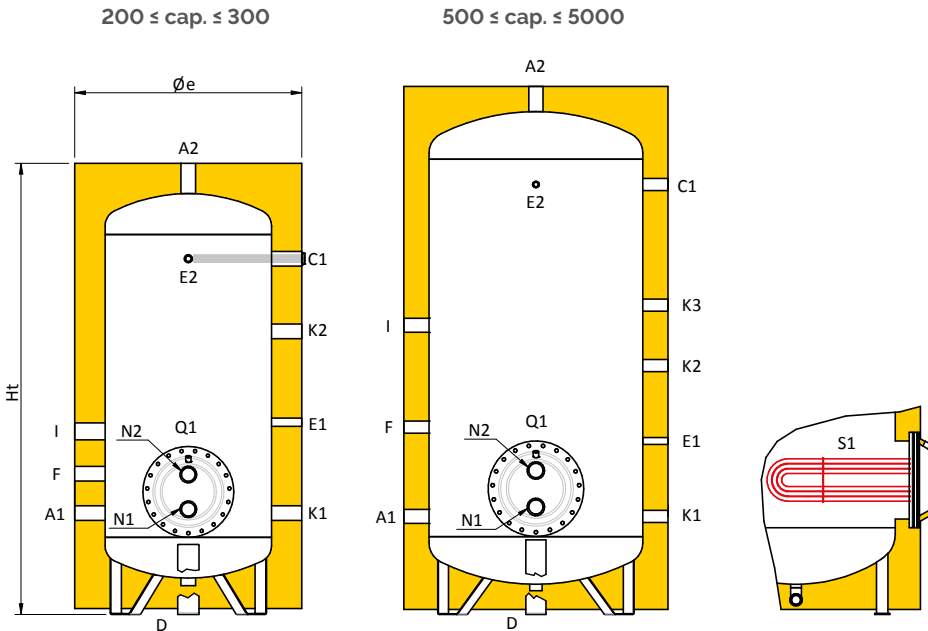
Capacity l	Code	Price	Energy class	With vertical packaging
				Dimensions cm
200	318040113X	2.600,00 €	B	70x70x143
300	318040114X	2.900,00 €	B	80x80x160
500	318040115X	3.941,00 €	C	90x90x195
750	318040116X	5.022,00 €	C	100x100x200
1000	318040117X	5.857,00 €	C	110x110x230
1500	318040118X	8.780,00 €	C	130x130x240
2000	318040119X	11.636,00 €	C	150x150x250
2500	318040120X	13.657,00 €		150x150x280
3000	318040121X	14.828,00 €		150x150x300
4000	318040122X	17.657,00 €		170x170x305
5000	318040123X	21.890,00 €		190x190x310



Stainless steel water heater with tube exchanger - BXX 1

Connection legend

A1	Domestic water inlet
A2	Domestic water outlet
C1	Anode
D	Drain
E1	Probe/Thermometer
E2	Probe/Thermometer
F	Recirculation
I	Electrical Resistance
K1	Auxiliary
K2	Auxiliary
K3	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	F inches	I inches	K1 inches	K2 inches	K3 inches	N1 inches	N2 inches	Q1 (Øext/Øint) mm
200	1 1/4	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"	Ø300/Ø220
300	1 1/4	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"	Ø300/Ø220
500	1 1/4	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"	Ø300/Ø220
750	1 1/2	1 1/2	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	2"	2"	Ø380/Ø300
1000	1 1/2	1 1/2	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	2"	2"	Ø380/Ø300
1500	1 1/2	1 1/2	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	2"	2"	Ø380/Ø300
2000	2"	2"	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	2"	2"	Ø430/Ø350
2500	2 1/2	2 1/2	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	2"	2"	Ø430/Ø350
3000	3"	3"	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	2"	2"	Ø430/Ø350
4000	3"	3"	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	2"	2"	Ø430/Ø350
5000	3"	3"	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	2"	2"	Ø430/Ø350

Size table

Cap. l	Øe mm	Ht mm	R' mm	A1 mm	C1 mm	E1 mm	E2 mm	F mm	I mm	K1 mm	K2 mm	K3 mm	N1 mm	N2 mm	Q1'' mm
200	650	1410	1535	295	1135	595	1135	425	540	295	915	-	305	425	365
300	750	1490	1650	335	1175	635	1175	465	605	335	935	-	345	465	405
500	850	1770	1945	350	1420	650	1420	650	935	350	950	1190	360	480	420
750	990	1810	2045	370	1440	670	1440	700	1150	370	990	1210	407,5	552,5	480
1000	1050	2100	2330	390	1710	690	1710	745	1150	390	990	1230	427,5	572,5	500
1500	1250	2235	2555	490	1800	795	1800	795	1205	490	1090	1330	517,5	662,5	590
2000	1450	2315	2725	525	1835	830	1835	830	1240	525	1125	1365	555	745	650
2500	1400	2640	2895	560	2145	860	2145	845	1545	560	1160	1400	575	765	670
3000	1450	2850	3155	565	2340	790	2340	840	1740	565	1040	1405	585	775	680
4000	1600	2920	3295	590	2370	890	2370	860	1770	590	1190	1430	610	800	705
5000	1800	2960	3425	600	2375	900	2375	875	1775	600	1200	1440	620	810	715

R': Tipping height

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

Wenkel S.r.l

Registered and operating office: Via E. Mattei 13/F – 31030 Casier (TV) – P.I. e C.F. 08456530966 – REA: TV-422447

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Tel. 0422/672911 • Fax 0422/340425 • e-mail: info@heizersile.it • www.heizersile.com

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