

SSB Electric 200-2500

Stainless Steel Electric Water Heaters for DHW Applications



CERTIFICATION MARK

The Adveco range of stainless steel domestic hot water tanks includes models suitable for use as hot water buffers, single coil, or dual coil calorifiers as required for the job.

The SSB range of buffer vessels can additionally serve as electric water heaters with the inclusion of special flanges to accommodate up to four immersion heaters of 3-12 kW heating capacities. These flanges angle the heating elements downwards to ensure that the bottom of the tank is heated. An additional immersion heater can be installed in the special side port, providing up to 36 kW of further heat input.

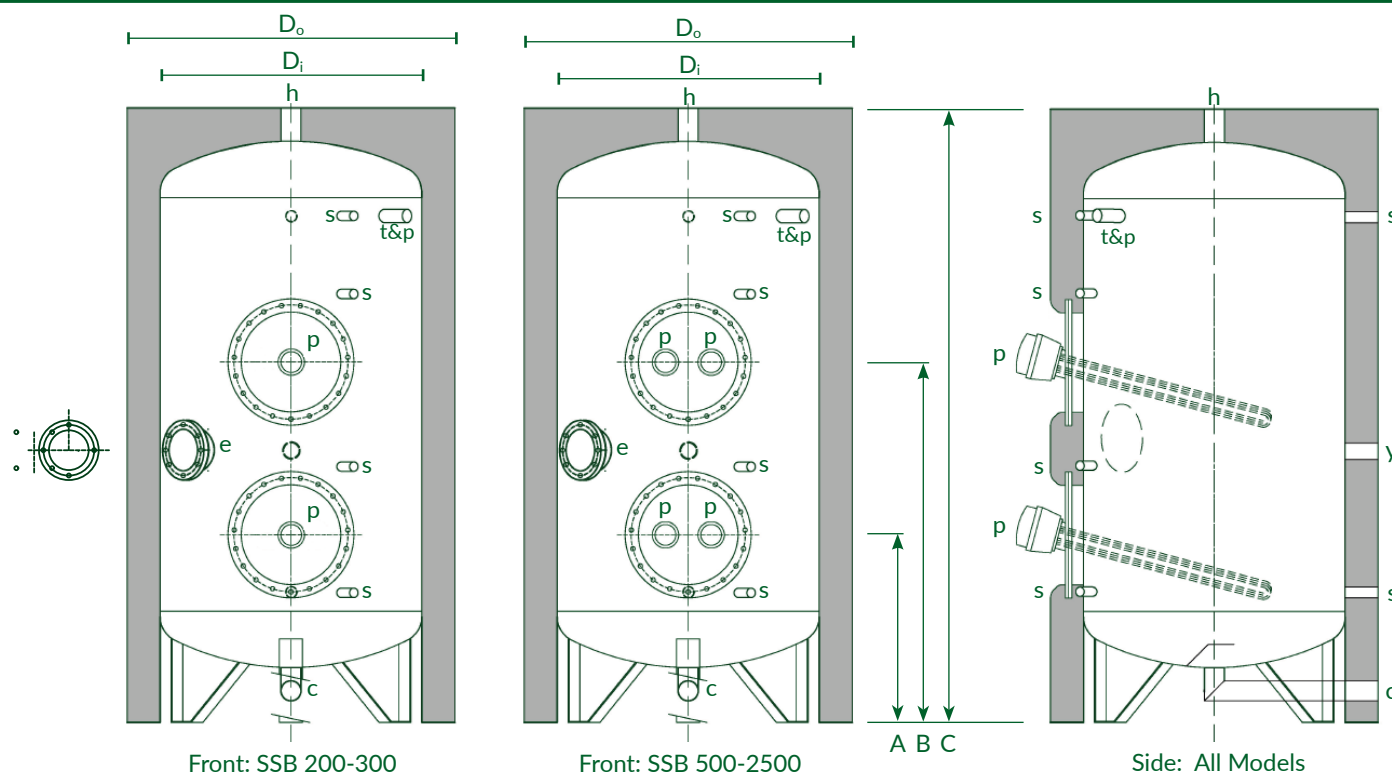
By housing multiple heating elements, the SSB electric features an in-built level of redundancy. This also provides the option for individual element temperature control, plus ease of switching and customisation in the case of varying periods of demand or differential tariff supplies.

The complete range of tanks are WRAS certified, and are designed and manufactured to the requirements of the Pressure Equipment Directive (97/23/EC). All vessels are tested to the procedure defined in BS EN 12897:2006.

FEATURES

- Available with 200 - 2500 litre capacities
- Produced from high quality stainless steel
- 100-130 mm removable insulation for improved energy efficiency
- Available with 1 or 2 immersion flanges
- Primary immersion heaters: 1-4 heaters each of 3-12 kW
- Additional immersion: 1 heater at 3-36 kW
- Immersion heaters available from 3-36 kW
- 6 bar / 85°C max. working pressure/temp. (tank)
- 6 bar / 90°C max. working pressure/temp. (elements)





Model	units	SSB 200	SSB 300	SSB 500	SSB 800	SSB 1000	SSB 1500	SSB 2000	SSB 2500
Volume	L	191	286	481	763	952	1426	2002	2535
D _o	mm	650	700	850	1050	1050	1260	1510	1660
D _i	mm	450	500	650	790	790	1000	1250	1400
A	mm	445	465	485	595	545	620	690	730
B	mm	875	965	985	1115	1135	1210	1330	1370
C	mm	1445	1735	1785	1865	2195	2250	2090	2180
c Cold Inlet	inch	1.25	1.50	1.50	2.00	2.00	2.00	2.00	2.50
h Hot Outlet	inch	1.25	1.50	1.50	2.00	2.00	2.00	2.00	2.50
y Secondary	inch	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
s Sensor	inch	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
t&p Temperature & Pressure Relief	inch	1.00	1.00	1.00	1.00	1.50	1.50	1.50	1.50
p Primary Immersion Port	inch	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
e Addtl. Immersion Port	inch, mm	2.25"	2.25"	180	180	180	180	180	180
Standing losses	W	75	96	100	120	143	158	190	208
	kWh/24h	1.8	2.3	2.4	2.9	3.4	3.8	4.5	4.9
Energy efficiency class		C	C	C	C	C	C	C	C
Empty mass	kg	79	87	124	159	195	255	330	430

p Primary Immersion Heaters: 1-3 (SSB 200-300) or 1-4 (SSB 500-2500) of the following:

Immersion Element 3 kW: E0021

Immersion Element 6 kW: E0022

Immersion Element 9 kW: E0023

Immersion Element 12 kW: E0024

e Additional Immersion Heater: 0-1 of the following (SSB 500-2500 only):

Immersion Heater Kit 3 kW: 810118K

Immersion Heater Kit 6 kW: 810119K

Immersion Heater Kit 9 kW (3ph): 810120K

Immersion Heater Kit 9 kW (1ph): 810121K

Immersion Heater Kit 12 kW: 810122K

Immersion Heater Kit 18 kW: EB0018

Immersion Heater Kit 24 kW: EB0019A

Immersion Heater Kit 36 kW: EB0021A

Ancillaries: All models

Single Immersion Flange for SSB 200-300: 810077

Twin Immersion Flange for SSB 500-800: 810078

Twin Immersion Flange for SSB 1000-2500: 810079

Control Thermostat: E0008/0-95C

Overheat Thermostat: E0011

Thermostat Pocket: E0009.2 (2x included with vessel)

Unvented Kits: Contact Advenco for details

De-stratification Pump Kit: MB0001

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