

# ATSB 200-1000

## Stainless Steel Buffer Cylinders for DHW Applications



The Adveco ATSB range of stainless steel hot water tanks serve as buffer vessels and indirect hot water calorifiers suitable for use with high pressure applications.

The ATSB is a high quality buffer vessel constructed from corrosion resistant AISI 316Ti and 316L stainless steel. Each vessel features multiple connection points as well as a clean-out access flange.

All tanks are designed, manufactured, and tested to the requirements of the Pressure Equipment Directive (97/23/EC) and EN 12897.

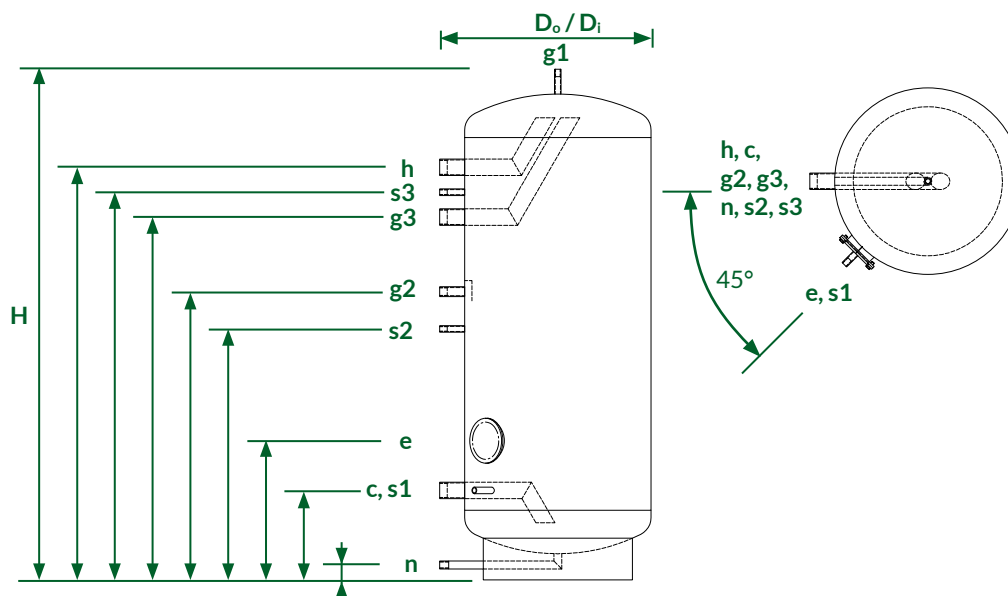
### FEATURES

- Available with 200 - 1000 litre capacities
- Produced from high quality 316Ti and 316L stainless steel
- 100 mm removable insulation for improved energy efficiency
- Suitable for vented or unvented installation
- 10 bar / 95°C max. working pressure/temp (tank)
- 25 bar / 200°C max. working pressure/temp (coil)

### OPTIONS & ANCILLARIES

- E0008/0-95C: Control Thermostat with 0-95°C range
- E0011: Overheat thermostat
- E0009.2: Chrome thermostat pocket (2x included with vessel)
- Immersion heater options from 3-36 kW
- MB0001: Destratification pump kit
- Unvented Kits: Contact Adveco for options and details





### Specifications

Description	200	300	350	400	500	580	750	860	1000
Storage volume (l)	212	289	339	411	490	575	756	864	990
Standing losses (W) / Energy efficiency class	53 / B	65 / B	70 / B	75 / B	83 / B	106 / C	120 / C	129 / C	140 / C
Dry mass (kg)	45	51	57	60	68	76	115	125	150

### Connections

Label	Description	200	300	350	400	500	580	750	860	1000
c, h	Water inlet and outlet	1 ¼"	1 ¼"	1 ¼"	1 ½"	1 ½"	1 ½"	2"	2"	2"
g1	Additional connection	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	½"
g2	Additional connection	1"	1"	1"	1"	1"	1"	1"	1"	1"
g3	Additional connection	1 ¼"	1 ¼"	1 ¼"	1 ½"	1 ½"	1 ½"	2"	2"	½"
s1, s2, s3	Sensor pockets	½"	½"	½"	½"	½"	½"	½"	½"	½"
e	Clean-out flange (mm)	Ø180/120	Ø180/120	Ø180/120	Ø180/120	Ø180/120	Ø180/120	Ø180/120	Ø180/120	Ø180/120
n	Drain	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"

### Dimensions

Label	Description	200	300	350	400	500	580	750	860	1000
H	Height including insulation	1485	1735	1930	1725	1975	1985	2055	2045	2045
D <sub>o</sub>	Outer diameter with insulation	Ø700	Ø700	Ø700	Ø800	Ø800	Ø850	Ø950	Ø1000	Ø1050
D <sub>i</sub>	Inner diameter without insulation	Ø500	Ø500	Ø500	Ø600	Ø600	Ø650	Ø750	Ø800	Ø850
g2	Additional connection	845	985	1235	1010	1110	1110	1160	1155	1155
g3	Additional connection	945	1195	1445	1190	1410	1410	1460	1455	1455
s1	Sensor pocket	295	295	295	320	320	320	360	355	355
s2	Sensor pocket	745	885	1135	910	960	960	1010	1005	1005
s3	Sensor pocket	1035	1285	1535	1290	1510	1510	1560	1555	1555
e	Flange centre point	460	460	460	520	520	520	560	555	555
n	Drain	60	60	60	60	60	60	60	60	60

All threaded connections are BSPT female unless otherwise stated. Coil connections BSPT male. All dimensions in mm.

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