

SSB-D 200-2500

Stainless Steel Direct Cylinders for DHW Applications



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-D range of buffer vessels serve as direct hot water buffers by substituting indirect heating coils for a special flange to accommodate a direct connection to a water heater. An additional immersion heater can be installed in the side port of the cylinder to additionally provide up to 36 kW of further heat input.

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.

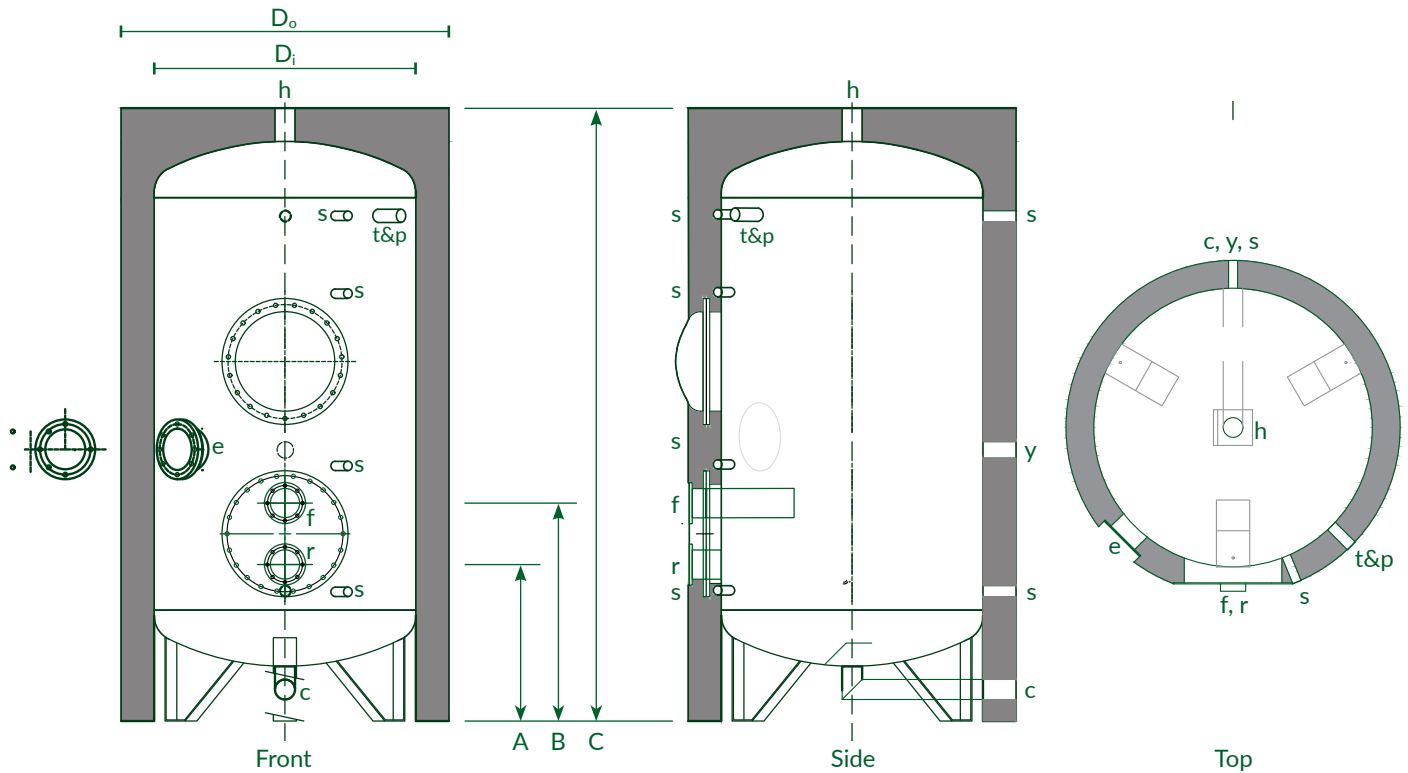
FEATURES

- Available with 200 - 2500 litre capacities
- Produced from high quality stainless steel
- 100-125 mm removable insulation for improved energy efficiency
- Suitable for vented or unvented installation
- Immersion heaters available from 3 - 36 kW
- 6 bar / 85°C max. working pressure/temperature



CERTIFICATION MARK





| Model | units | SSB-D 200 | SSB-D 300 | SSB-D 500 | SSB-D 800 | SSB-D 1000 | SSB-D 1500 | SSB-D 2000 | SSB-D 2500 |
|-------------------------|-------------------------------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
| Volume | L | 191 | 286 | 481 | 763 | 952 | 1426 | 2002 | 2535 |
| D_o | mm | 650 | 700 | 850 | 990 | 990 | 1250 | 1500 | 1650 |
| D_i | mm | 450 | 500 | 650 | 790 | 790 | 1000 | 1250 | 1400 |
| A | mm | 315 | 335 | 355 | 465 | 415 | 495 | 575 | 625 |
| B | mm | 525 | 545 | 565 | 675 | 625 | 705 | 785 | 835 |
| C | mm | 1420 | 1700 | 1750 | 1810 | 2140 | 2200 | 2050 | 2150 |
| c | Cold Inlet | inch | 1.25 | 1.50 | 1.50 | 2.00 | 2.00 | 2.00 | 2.50 |
| h | DHW Outlet | inch | 1.25 | 1.50 | 1.50 | 2.00 | 2.00 | 2.00 | 2.50 |
| f | Flow from heater | inch/mm | 2.50" | 2.50" | 3.00" | 3.00" | DN80 | DN80 | DN80 |
| r | Return to heater | inch/mm | 2.50" | 2.50" | 3.00" | 3.00" | DN80 | DN80 | DN80 |
| y | Secondary | inch | 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 |
| t&p | Temperature & Pressure Relief | inch | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| e | Immersion Port | inch, mm | 2.25" | 2.25" | 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 | 119 | 143 | 189 | 234 | 304 | 355 | 425 | 478 |

Ancillaries

| | |
|---|---|
| Direct 2x 2.5" flange plate 300 mm: M0129 (SSB 200-300) | Direct 2x 3" flange plate 380 mm: M0130 (SSB 500-800) |
| Direct 2x DN80 flange plate 430 mm: M0131 (SSB 1000-2500) | Control Thermostat: E0008/0-95C |
| Overheat Thermostat: E0011 | Thermostat Pocket: E0009.2 (2x included with vessel) |
| Destratification Pump Kit: MB0001 | Unvented Kits: Contact Adveco for details |
| Electric Immersion Heaters: Contact Adveco for details | |