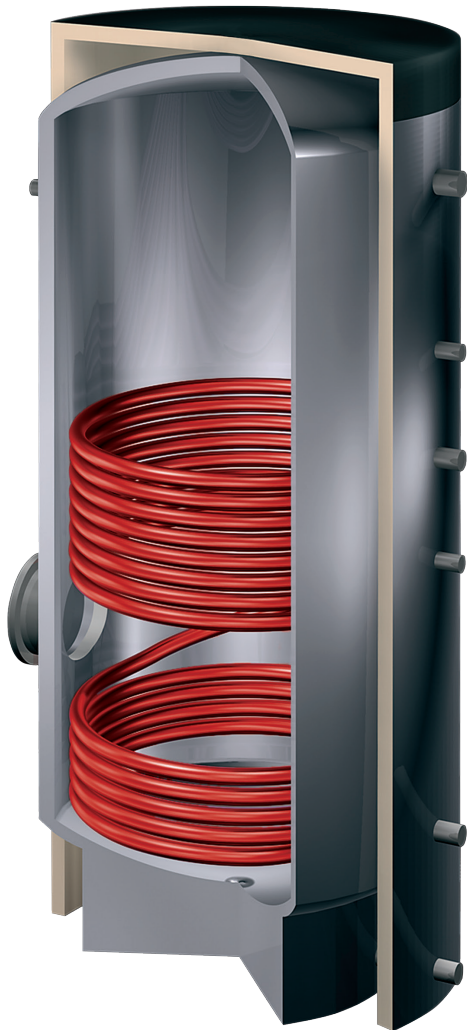


ATSI 200-1000

Stainless Steel Indirect Cylinders for DHW Applications



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

The ATSi is a high quality indirect water heater constructed from corrosion resistant AISI 316Ti and 316L stainless steel. Each vessel features a single internal fixed heating coil at low level as well as multiple connection points and 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.

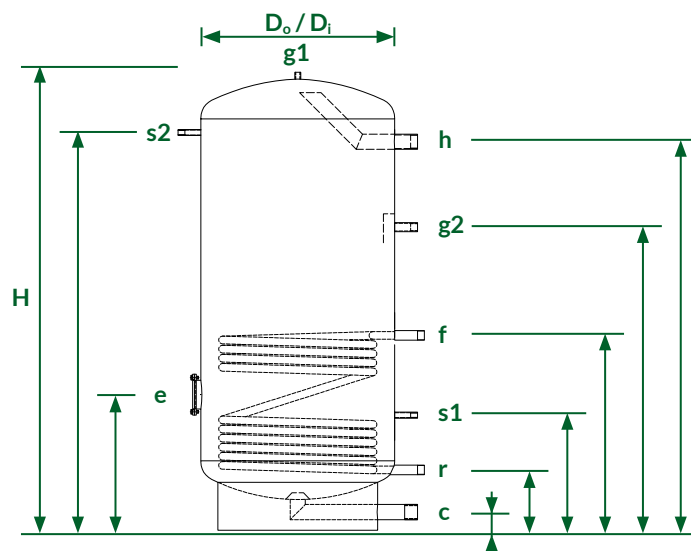
FEATURES

- 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	1000
Storage volume (l)	212	289	339	411	490	575	756	990
Standing losses (W) / Energy efficiency class	52 / B	63 / B	68 / B	72 / B	79 / B	102 / C	116 / C	135 / C
Coil surface area (m ²)	0.9	1.4	1.4	1.7	1.7	1.8	2.4	2.4
Output capacity (kW) (80/60:10/60)	19.1	29.7	29.7	36.1	36.1	38.3	51.0	51.0
Nominal primary flow rate (m ³ /h)	0.82	1.27	1.27	1.55	1.55	1.64	2.19	2.19
Nominal coil pressure drop (mbar)	36.2	124.7	126.0	209.9	215.2	250.1	83.7	82.5
Continuous DHW flow rate (l/h) (80/60:10/60)	327.8	509.7	509.7	619.5	619.5	657.2	875.2	875.2
Peak draw off capacity (l) (80/60:10/60)	30 min.	306	444	484	587	650	734	969
	60 min.	472	702	742	901	964	1067	1413
	120 min.	798	1208	1248	1516	1579	1720	2282
Dry mass (kg)	54	64	75	76	90	95	142	173

Connections

Label	Description	200	300	350	400	500	580	750	1000
c, h	Water inlet and outlet	¾"	1"	1"	1"	1"	1 ½"	1 ½"	2"
f, r	Heat exchanger flow and return	1"	1"	1"	1"	1"	1"	1 ¼"	1 ¼"
g1	Additional connection	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
g2	Additional connection	½"	¾"	¾"	¾"	¾"	¾"	¾"	1"
s1	Sensor pocket	½"	½"	¾"	½"	½"	¾"	½"	½"
s2	Sensor pocket	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

Dimensions

Label	Description	200	300	350	400	500	580	750	1000
H	Height including insulation	1480	1740	1940	1735	1990	1990	2080	2080
D _o D _i	Outer diameter with insulation Inner diameter without insulation	Ø700 Ø500	Ø700 Ø500	Ø700 Ø500	Ø800 Ø600	Ø800 Ø600	Ø850 Ø650	Ø950 Ø750	Ø1050 Ø850
g2	Additional connection	690	1120	1390	1060	1305	1305	1330	1330
s1	Sensor pocket	610	700	700	700	750	750	830	505
s2	Sensor pocket	1155	1415	1665	1440	1690	1690	1745	1745

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