

Advenco GLE 200–1000

Glass Lined Buffer Vessels and Electric Water Heaters



The Advenco GLE range of glass lined steel storage tanks is designed to serve as buffer vessels or electric water heaters for vented or unvented domestic hot water applications.

The GLE range includes tanks from 200 litres and is supplied as standard with a clean-out flange, magnesium sacrificial anode, and temperature gauge. The GLE is compatible with a wide range of direct electric immersion heater options from 3 to 36 kW on request.

Constructed from a carbon steel shell with a high-quality glass lining to prevent corrosion, the GLE range is suitable for use in systems with maximum working pressure up to 10 bar and temperatures up to 85°C.

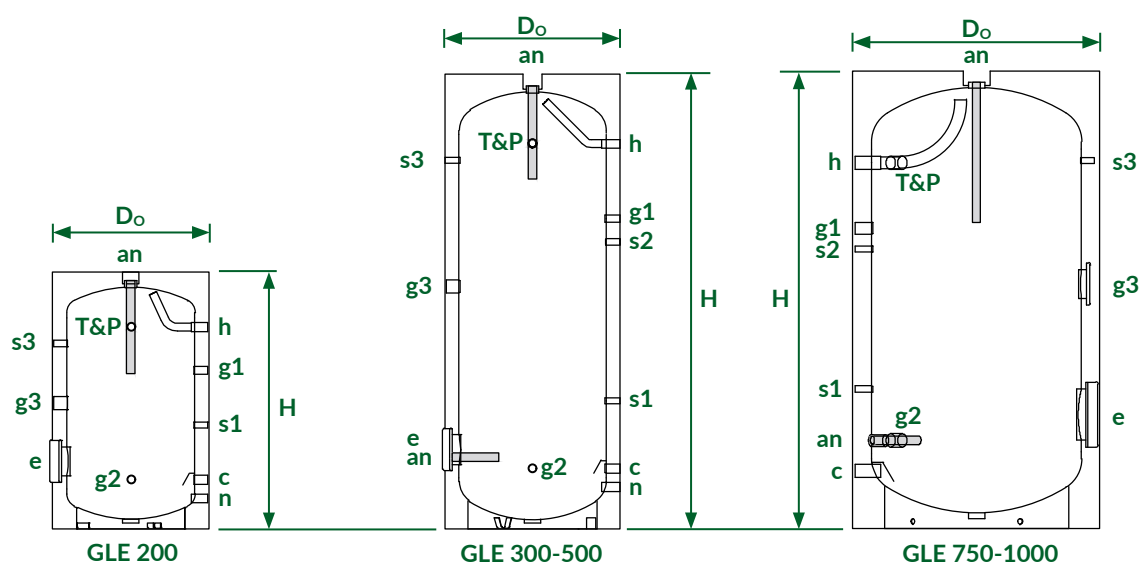
FEATURES

- Available with 200–1000 litre capacities
- Produced from high quality steel with blue glass lining
- Rigid high density polyurethane foam insulation (200–500L) or removeable polyester fibre jacket (750–1000L)
- WRAS and Kiwa KUKreg4 approved product range
- Suitable for vented or unvented installation
- Includes magnesium sacrificial anodes as standard
- 10 bar / 85°C max. working temperature and pressure



OPTIONS & ANCILLARIES

- Electric immersion heaters
- Control and overheat thermostats
- Destratification pumps
- Unvented kits



Model GLE	200	300	500	750	1000
Storage volume (L)	210	322	523	705	1019
Standing losses (W) / Energy efficiency class	60 / B	65 / B	98 / C	106 / C	131 / C
Maximum working pressure tank (bar)	10	10	10	10	10
Dry mass (kg)	91	100	134	260	296

Connections

Label	Description	200	300	500	750	1000
c, h	Water inlet and outlet	1"	1"	1"	1½"	1½"
g1	Additional connection	¾"	¾"	¾"	1¼"	1¼"
g2	Additional connection	1"	1"	1"	1½"	1½"
g3	Additional connection	1½"	1½"	1½"	Ø180/120	Ø180/120
T&P	T&P relief valve connection	1"	1"	1"	1½"	1½"
an	Anode connection(s)	1¼"	1¼"	1¼" low + 1¼" top	1¼" low + 2" top	1¼" low + 2" top
s1, s2, s3	Sensor pocket	½"	½"	½"	½"	½"
e	Clean-out / additional flange (mm)	Ø180/115	Ø180/120	Ø180/120	Ø280/205	Ø280/205
n	Drain	1"	--	1"	--	--

Compatible immersion heater installation positions
 Contact Adveco for options

e, g3 e, g3 e, g3 e, g3 e, g3

All threaded connections are BSPP female unless otherwise stated. All dimensions in mm.

Dimensions

Label	Description	200	300	500	750	1000
H	Height	1100	1615	1950	2080	1990
D _o	Outer diameter with insulation	670	670	755	860	1060
D _i	Inner diameter without insulation	--	--	--	710	900
g1	Additional connection	680	925	1330	1435	1290
g2	Additional connection	210	220	260	325	380
g3	Additional connection	540	805	1030	1080	1050
T&P	T&P relief valve connection	865	1355	1650	1715	1570
an	Anode	1065	1565	339 & 1900	325 & 2050	380 & 1960
e	Inspection flange	290	290	340	435	490
n	Drain connection	130	--	180	--	--
s1	Sensor pocket	445	445	550	615	600
s2	Sensor pocket	--	825	1230	1295	1200
s3	Sensor pocket	795	1295	1570	1725	1580