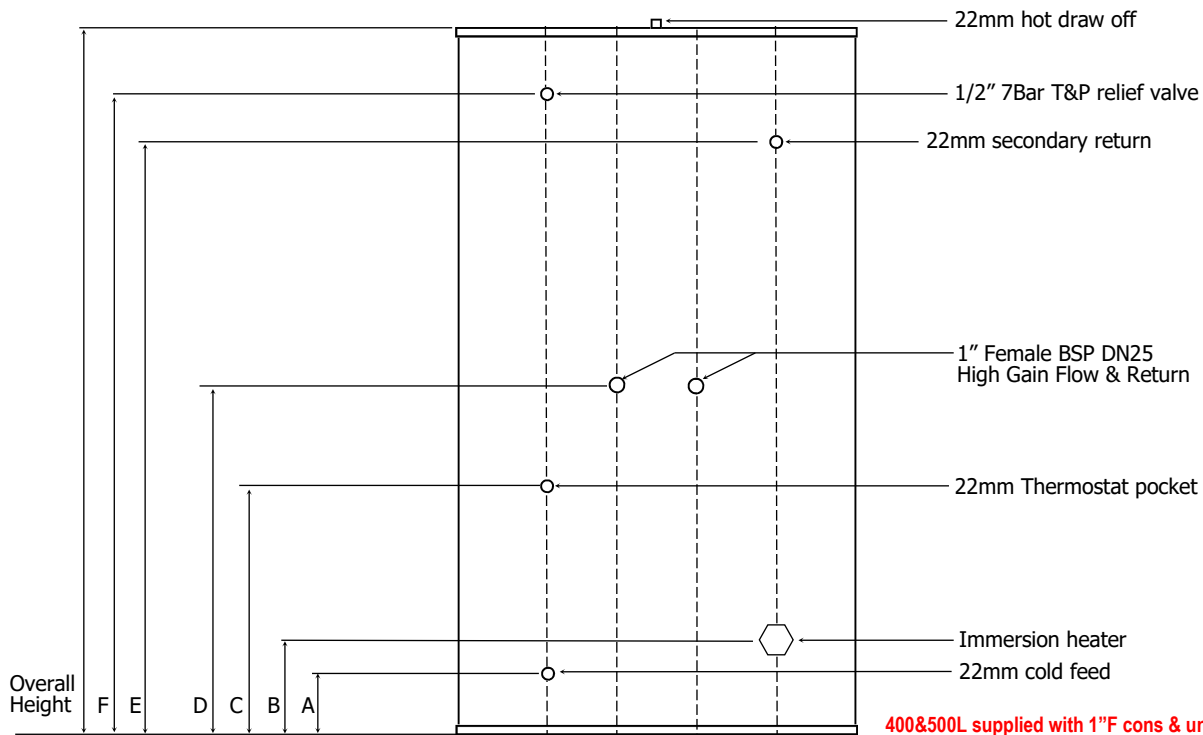


# Technical Data Sheet

## Tempest High Gain



All unvented cylinders come with an unvented component kit to suit. Dimensions are subject to change without any prior notice.

Product Code	TSMI125/HG	TSMI150/HG	TSMI170/HG	TSMI200/HG	TSMI250/HG	TSMI300/HG	TSMI400/HG	TSMI500/HG
Nominal Capacity (L)	125	150	170	200	250	300	400	500
Height (mm)	870	1060	1200	1150	1500	1750	1590	1835
Diameter Ø (mm)	510	510	510	580	580	580	660	660
A (mm)	171	171	171	193	193	193	236	236
B (mm)	201	201	201	223	223	223	266	266
C (mm)	471	471	471	493	493	493	604	764
D (mm)	623	623	623	647	647	647	763	924
E (mm)	649	759	759	813	1124	1324	1136	1385
F (mm)	699	893	1038	940	1293	1543	1336	1585
Empty Weight (kg)	40	43	47	51	60	66	73	80
Full Weight (kg)	161	192	215	245	306	360	464	565
Standing Heat Loss (kWh/24h)	1.64	1.85	1.97	1.85	2.00	2.22	2.42	2.49
Reheat time from 10°C to 60°C	19	23	26	31	32	39	44	38
Actual capacity (L)	121	149	168	194	246	294	391	485
Standing loss (W)	68	77	82	77	83	92	101	104
Energy efficiency class of model	C	C	C	C	C	C	C	C
Operating Pressure (bar)	3	3	3	3	3	3	3	3
Immersion Heater Rating	3kw 240v	3kw 240v	3kw 240v	3kw 240v	3kw 240v	3kw 240v	3kw 240v	3kw 240v
Max incoming supply pressure (bar)	12	12	12	12	12	12	12	12

# Technical Data Sheet

## Tempest High Gain

Material Type ( <i>Cylinder body</i> )	Stainless Steel Duplex 2304
Material Type ( <i>Cylinder fittings</i> )	Stainless Steel 316L
Material Type ( <i>Cylinder coils</i> )	Stainless Steel 316L
Foam insulation type	Polyurethane
Max operating pressure	3bar
Max design pressure	7bar
Max supply pressure	16bar
Max primary pressure	3bar
Expansion relief valve setting	6bar
T&P valve setting	7bar / 90°C
Immersion heater rating	240v, 3kw

### Information on warranty.

The Stainless Steel cylinder carries a lifetime guarantee against faulty manufacture or materials, provided that:

- The product is used solely for the storage of water from mains public supply.
- The product has not been modified or tampered with.
- The product has been installed and maintained in accordance with the installation instructions.

The immersion heater, water control valves, cylinder thermostat, expansion vessel and energy cut out valves are guaranteed for two years from the date of manufacture or a new build. For new install/ replacement one year.

All cylinders are WRAS approved.

### Exclusions to the guarantee.

- Any labour charges associated with replacement of the unit or any of its components.
- Any consequential losses caused by malfunction or failure of the unit.
- The effects of scale build up.
- Bore hole/well water installations.

