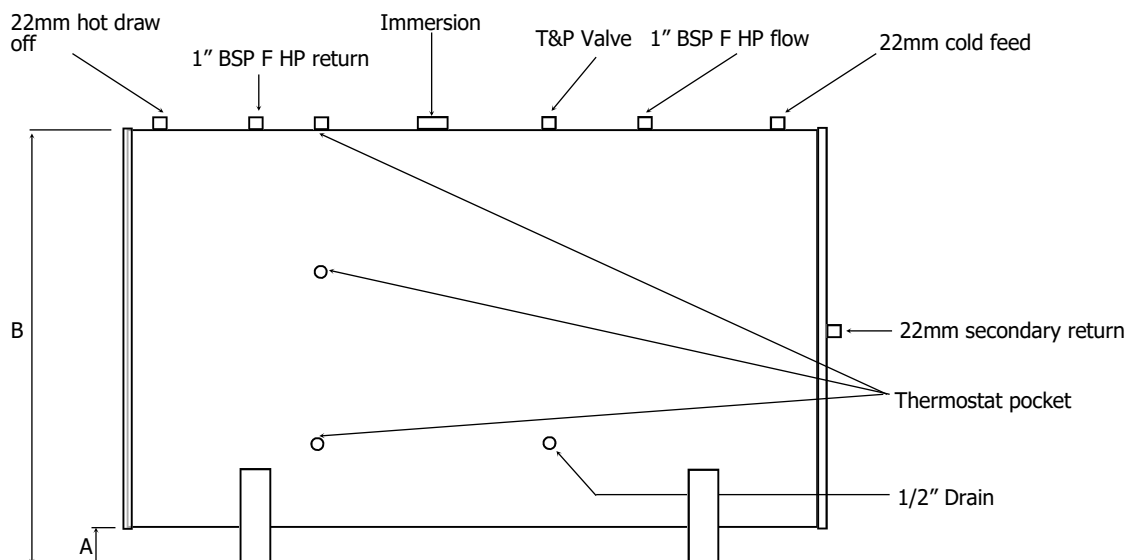


# Technical Data Sheet



## Tempest Heat Pump Horizontal

Hot water draw/cold feed are on inside with coil fittings on the outside for 170L only



400&500L supplied with 1" F cons & unv kit as standard.

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

| Product Code                       | TSMI170H/HP     | TSMI200H/HP     | TSMI250H/HP     | TSMI300H/HP     | TSMI400H/HP     | TSMI500H/HP     |
|------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Nominal Capacity (L)               | 170             | 200             | 250             | 300             | 400             | 500             |
| Length (mm)                        | 1200            | 1500            | 1800            | 2020            | 1590            | 1835            |
| Diameter (mm)                      | 554             | 554             | 554             | 554             | 660             | 660             |
| A (mm)                             | 100             | 100             | 100             | 100             | 100             | 100             |
| B (mm)                             | 654             | 654             | 654             | 654             | 760             | 760             |
| Empty Weight (kg)                  | 44              | 48              | 57              | 63              | 70              | 77              |
| Full Weight (kg)                   | 212             | 242             | 303             | 357             | 461             | 562             |
| Standing Heat Loss (kWh/24h)       | 1.97            | 1.85            | 2.00            | 2.22            | 2.42            | 2.49            |
| Reheat time from 10°C to 60°C      | 21              | 16              | 20              | 24              | 32              | 40              |
| Actual capacity (L)                | 168             | 194             | 246             | 294             | 391             | 485             |
| Standing loss (W)                  | 82              | 77              | 83              | 92              | 101             | 104             |
| Energy efficiency class of model   | C               | C               | C               | C               | C               | C               |
| Operating Pressure (bar)           | 3               | 3               | 3               | 3               | 3               | 3               |
| Immersion Heater Rating            | 3kw 240v        | 3kw 240v        | 3kw 240v        | 3kw 240v        | 3kw 240v        | 3kw 240v        |
| Max incoming supply pressure (bar) | 12              | 12              | 12              | 12              | 12              | 12              |
| Coil surface area m <sup>2</sup>   | 2m <sup>2</sup> | 3m <sup>2</sup> | 3m <sup>2</sup> | 3m <sup>2</sup> | 3m <sup>2</sup> | 3m <sup>2</sup> |

