

TEMPEST AIR SOURCE HEAT PUMP CYLINDER



Pre-plumbed, indirect, unvented stainless-steel hot water storage cylinder with 50 litre buffer store.

Tempest Heat Pump hot water storage cylinders are designed for use with an air source heat pump as the main heat source. They feature a purpose-designed coil with a large surface area to allow maximum heat transfer of renewable energy into the stored water. Manufactured from Duplex stainless-steel, the cylinders are pre-plumbed with pre-fabricated pipework, wiring, an integrated buffer and factory-fitted 3 kW immersion heaters to provide back-up heat.

FEATURES & BENEFITS

- ✓ Remote expansion vessel with factory-fitted wall mounting bracket
- ✓ Full unvented kit supplied
- ✓ Pre-plumbed with pre-fabricated pipework and wiring saves installation time
- ✓ Duplex stainless steel provides superior corrosion resistance
- ✓ White steel cased finish (other colours available on request)
- ✓ 316L grade stainless-steel 22mm compression fittings and coils
- ✓ Supplies mains pressure hot water and high flow rates
- ✓ Fast reheat
- ✓ Factory-fitted temperature and pressure relief valve set at 7 bar / 90°C
- ✓ Up to 3 bar max pressure
- ✓ Highly efficient
- ✓ Fully insulated to minimise any heat loss
- ✓ Factory-fitted 3kW immersion heater(s)
- ✓ Integrated 50 litre buffer store
- ✓ Cylinders available in 170-300 litre capacities
- ✓ Lifetime manufacturing warranty on inner container (2 years on components)*

*Terms & conditions apply



Supplied with:

- ✓ 22mm monobloc reducer & relief valve*
- ✓ External expansion vessel with bracket
- ✓ TPRV 7bar/90°C*
- ✓ 15-22mm acetal tundish*
- ✓ Cylinder stat*
- ✓ 10 way junction box*
- ✓ 22mm two port valve*
- ✓ 22mm three port valve*
- ✓ 25/8m Wilo circulating pump and ISO valves*
- ✓ Automatic bypass valve*
- ✓ Dual probe thermostat
- ✓ Temperature & pressure relief valve*
- ✓ 3kW Incoloy immersion heater(s)*
- ✓ Inlet control group
- ✓ Filter
- ✓ Sanitary water kit

*Factory-fitted



THE HOT WATER STORAGE SPECIALISTS

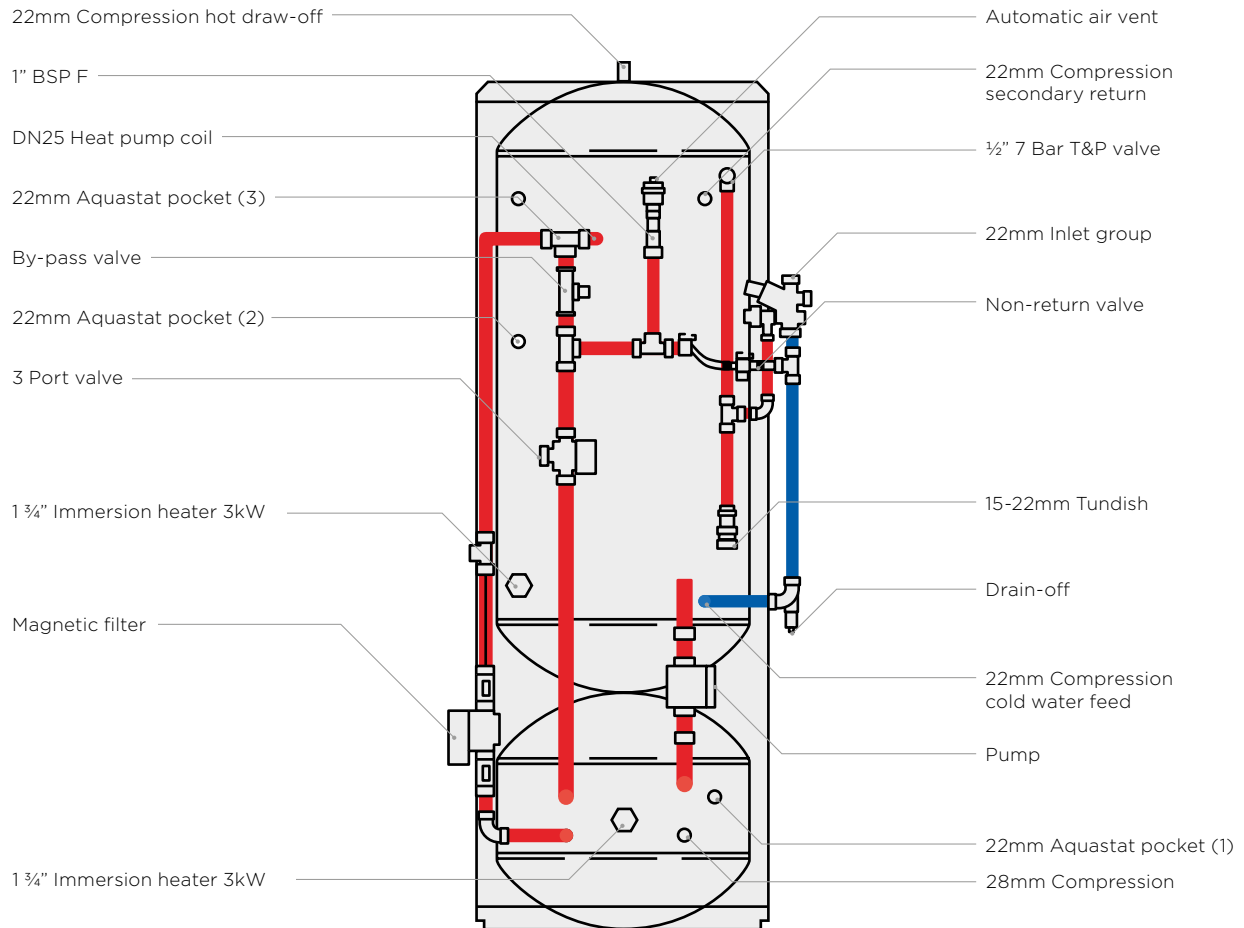
EST. 1989

TEMPEST

AIR SOURCE HEAT PUMP CYLINDER



TECHNICAL DATA



| Capacity (L) | 170 | 200 | 250 | 300 |
|--|------|------|------|------|
| Height (mm) | 1325 | 1550 | 1800 | 2050 |
| Diameter (mm) | 580 | 580 | 580 | 580 |
| ASHP Coil Surface Area (m ²) | 2.2 | 3.3 | 3.3 | 3.3 |
| ERP Rating | C | C | C | C |
| Immersion Rating (kW) | 3 | 3 | 3 | 3 |
| Standing Heat Loss (kWh/24hrs) | 1.36 | 1.64 | 1.71 | 1.82 |

*Based on thermostat set a 60°C

Telford Copper & Stainless Steel Cylinders Ltd

Unit 22, Furrows Business Park, Haybridge, Telford TF1 2FE
T +44 (0)1952 257 961 | E sales@telford-group.com

www.telford-group.com