

TEMPEST AIR SOURCE HEAT PUMP CYLINDER



Pre-plumbed, indirect, unvented stainless-steel hot water storage cylinder.

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, 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 value 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)
- ✓ 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
 - ✓ LG control panel
 - ✓ Sanitary water kit
- *Factory-fitted



THE HOT WATER STORAGE SPECIALISTS

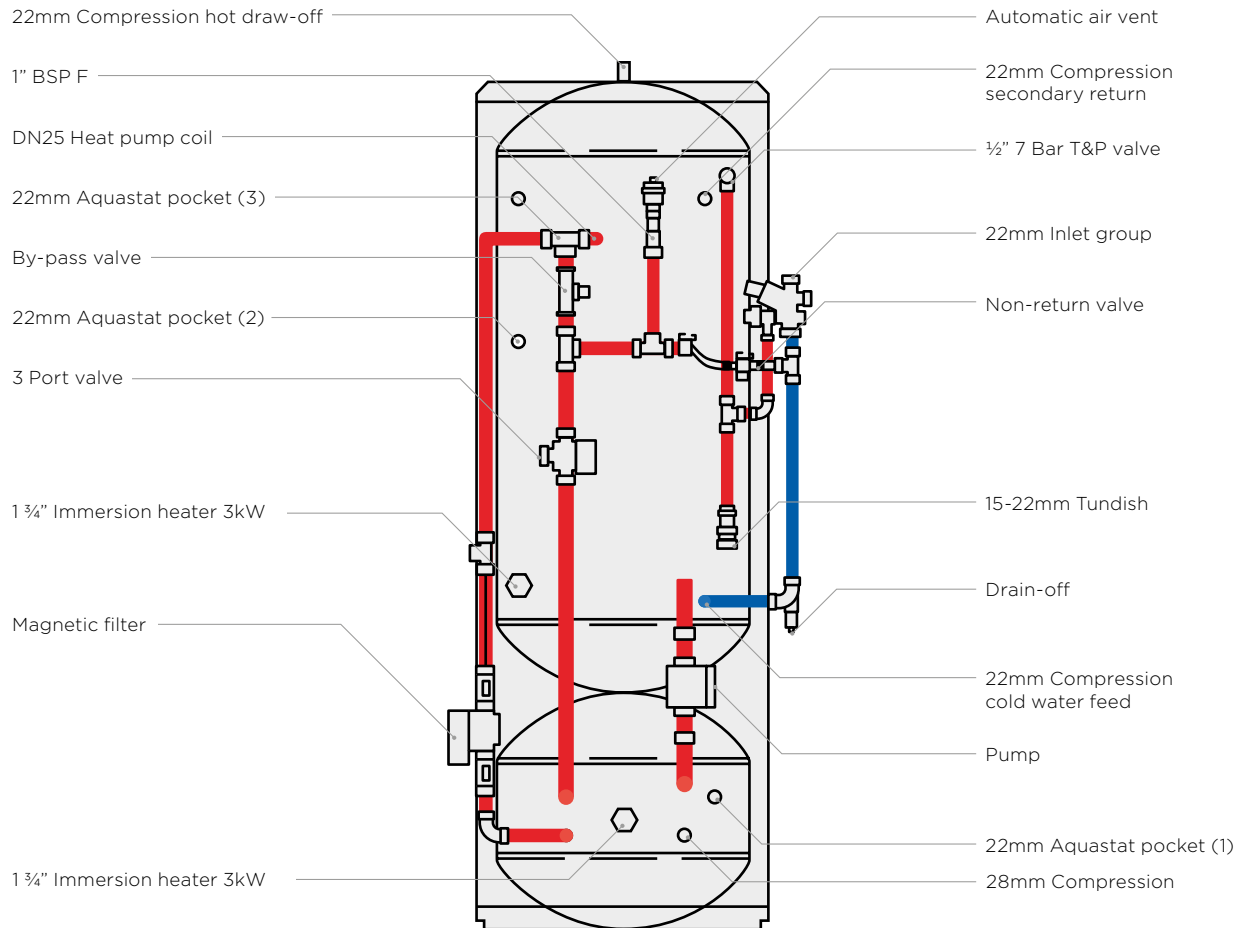
EST. 1989

TEMPEST

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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

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