



# STEELFLOW

## STEELflow Heat Pump Preplumbed

The STEELflow heat pump unvented cylinder is manufactured from duplex stainless steel, and specifically designed for use with either air source or ground source heat pumps.

It has a high efficiency corrugated coil heat exchanger, to heat the full volume of water held within the cylinder. The coil's corrugated design provides high heat transfer and flow rates from the heat pump, with faster recovery times than plain coils due to the increased surface area.

There are 5 model sizes available, 150 litres to 300 litres, All models are supplied with an immersion to boost the temperature and also provide back-up.

### Key Benefits

- High grade duplex stainless steel
- 25 Year guarantee
- Corrugated coil for maximum heat transfer
- Post weld treatment for maximum durability
- Low heat losses
- High density foam insulation
- Pressure loss on heat pump coils less than 0.4 bar

### All Units to Following Specification:

- 90 Degree Elbow on Hot Water Draw Off (22mm compression)
- Secondary Return 200-300 litre (22mm compression)
- T&P Valve (1/2" Female)
- Thermostat Pocket
- Immersion Heater (1 3/4" Female)
- Heat Pump Coil Flow / Return (1" Female)
- Cold Feed (22mm compression)

All units are supplied fitted with;

- Inlet Combination Control Set with cold feed pipe set up with filling loop
- 8m head Lowara Pump
- 28mm 3 Port Valve
- Fill and flush valve
- 0-4 bar pressure gauge
- T&P Valve
- Tundish

All units are supplied with;

- Expansion Vessel with Fixing Kit
- T&P insulation cover
- High Limit Overheat Thermostat

Product Stock Code		CCS150HPPP	CCS170HPPP	CCS200HPPP	CCS250HPPP	CCS300HPPP
Capacity (Litres)		142	162	189	239	279
Height (mm)		1081	1209	1399	1711	1930
Diameter (mm)		545	545	545	545	545
Approximate Weight (KG)	Empty	31	35	40	45	50
	Full	173	197	229	284	329
Standing Heat Loss	Watts	55	68	71	83	94
	kW/24hr	1.32	1.63	1.70	1.99	2.26
Surface Area HP Coil (m <sup>2</sup> )		2	2	3	3	3
ErP Rating		B	C	C	C	C