

Climabuff Heat Pump Cylinders with Integrated Buffer

150L-300L


WORLD HEAT
CYLINDERS


High quality British manufactured stainless steel domestic hot water solutions designed for any application.

World Heat Cylinders manufacture a full range of unvented combined heat pump cylinders and buffer vessels in one integrated case.

All of our cylinders are manufactured from high quality stainless steel under an ISO9001 certified quality management system in our purpose made manufacturing facility in Manchester.

Key features

- Combined buffer vessel and cylinder
- High quality stainless steel
- 25 year manufacturing warranty, subject to annual maintenance
- Highly insulated, Part L compliant
- Full system unvented kits
- ISO9001 certified quality management
- Pre-plumbed models available

Climabuff Standard

Model	150 CLIMABUFF	180 CLIMABUFF	210 CLIMABUFF	250 CLIMABUFF	300 CLIMABUFF
Nominal capacity (litres)	150	180	210	250	300
Height (mm)	1424	1550	1738	1988	1994
Diameter (mm)	550	550	550	550	600
Integrated buffer (litres)	50				
Packaged dimensions H x W x D (mm)	1605 x 600 x 900	1730 x 600 x 900	1920 x 600 x 900	2120 x 600 x 900	2120 x 600 x 900
Approximate weight (kg)	Empty	62	66	72	78
	Full	262	296	332	378
	Packaged	77	81	86	92
Control & relief valve settings	Pressure reducing & relief valve	3 Bar / 6 Bar			
	Expansion vessel	12L	12L	18L	24L
	T&P valve	7 Bar			
Coil surface area (m ²)	Coil	2.29	2.29	3.31	3.31
Immersion heaters fitted	1 cylinder + 1 buffer				
Immersion heater	1 x 3kW single phase - 230V - 50Hz				
Secondary return	No	No	Yes	Yes	Yes
Cylinder material	Duplex stainless steel				
Buffer vessel material	Stainless steel				
Insulation type	Polyurethane (PU) insulation with CO2 blowing agent				
Insulation thickness	50mm				
Standing heat loss (kWh/24h)	1.55	1.71	1.89	2.17	2.22
Standing heat loss (W)	64.58	71.25	78.75	90.42	92.5
ErP energy efficiency class	C				
ODP of insulation	0				
GWP of insulation	Less than 5				

* 100 litre buffer available on request (dimensions differ)

** Bespoke cylinders available on request


**MADE IN
MANCHESTER**