

SSBUFF Standard Stainless Steel Buffer Vessels

50L–300L


WORLD HEAT
CYLINDERS


High quality British manufactured, super insulated stainless steel buffer vessels designed for any application.

World Heat Cylinders manufacture a range of high quality stainless steel buffer vessels for any application.

All of our vessels are manufactured under an ISO9001 certified quality management system in our purpose made manufacturing facility in Manchester.

Key features

- High quality stainless steel
- Highly efficient injection foam insulation
- Standard range capacity 50L to 300L
- ISO9001 certified quality management
- Fitted with a 3kW immersion heater
- Bespoke fast turnaround vessels available
- Primary expansion vessels available
- Capacity available up to 10,000L

SSBUFF Standard Buffer Vessels Standard buffer vessels

Model	50 SSBUFF	100 SSBUFF	150 SSBUFF	180 SSBUFF	210 SSBUFF	250 SSBUFF	300 SSBUFF
Nominal capacity (litres)	50	100	150	180	210	250	300
Height (mm)	510	750	1200	1335	1575	1750	2110
Diameter (mm)	550						
Approximate weight (kg)	Empty	30	35	40	45	50	55
	Full	80	165	190	225	260	305
	Packaged	55	60	65	70	75	80
28mm compression fittings	5						
½" female stat pockets	1	2	3	3	3	3	3
½" female drain	No	Yes	Yes	Yes	Yes	Yes	Yes
3kW immersion heater fitted	Yes						
Immersion heater	3kW						
Maximum working pressure	6 Bar G (hydraulically tested to 10.05 Bar G)						
Vessel material	316 stainless steel						
Insulation type	Polyurethane (PU) insulation with CO2 blowing agent						
Standing heat loss (W)	48.6	54.6	60.2	64.3	75.2	86.4	94.2
ErP fiche volume (litres)	52	104	151	178	213	246	296
ErP energy efficiency class	C						
ODP of insulation	0						
GWP of insulation	Less than 5						

* 100mm insulation available on request

** Alternative volumes and bespoke buffer vessels available on request

