

Product Information

WH Cylinders

Standard Buffer Vessels 50L to 300L



WORLD HEAT
CYLINDERS



**High quality British
Manufactured super insulated
stainless steel buffer vessels de-
signed for any application.**

Cased and Insulated Mild Steel Buffer Vessels (3 Bar Working Pressure)

Product Reference	Description
50SSBUFF	50L Stainless Steel Buffer Vessel (Cased)
100SSBUFF	100L Stainless Steel Buffer Vessel (Cased)
150SSBUFF	150L Stainless Steel Buffer Vessel (Cased)
180SSBUFF	180L Stainless Steel Buffer Vessel (Cased)
210SSBUFF	210L Stainless Steel Buffer Vessel (Cased)
250SSBUFF	250L Stainless Steel Buffer Vessel (Cased)
300SSBUFF	300L Stainless Steel Buffer Vessel (Cased)



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WH Cylinders manufacture a range of high quality stainless steel Buffer Vessels for any application.

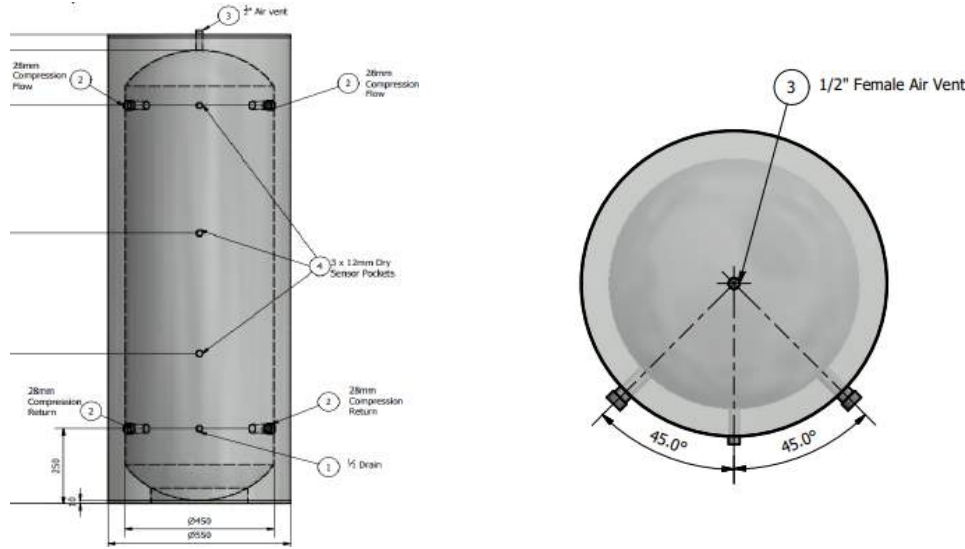
All of our vessels are manufactured from high quality stainless steel, under an ISO9001 certified quality management system in our purpose built manufacturing facility in Manchester. The vessel will be manufactured to withstand a maximum secondary working pressure of 6 Bar Gauge and be hydraulically tested to 10.05 Bar Gauge.

Key Features

- High quality stainless steel
- Highly efficient injection foam insulation
- Easy lifting and positioning features
- ISO9001 certified quality management
- Bespoke fast turnaround vessels available
- Primary expansion vessels available

Dimensional Drawing WH Cylinders

Standard Buffer Vessels 50L to 300L



Product Code	Capacity (L)	Cylinder Height OVERALL (mm)	Cylinder Diameter OVERALL (mm)	Connection A (Drain)		Connection B		Connection C		Connection D	
				Size (Female BSP)	Height (mm)	Size	Height (mm)	Size	Height (mm)	Size	Height (mm)
50SSBUFF	50	495	550	28mm	130	28mm	195	"	125	28mm	325
100SSBUFF	100	800	550	28mm	130	28mm	195	"	277	28mm	555
150SSBUFF	150	1200	550	28mm	130	28mm	195	"	575	28mm	995
180SSBUFF	180	1400	550	28mm	130	28mm	195	"	675	28mm	1155
210SSBUFF	210	1550	550	28mm	130	28mm	195	"	750	28mm	1305
250SSBUFF	250	1750	550	28mm	130	28mm	195	"	850	28mm	1505
300SSBUFF	300	2100	550	28mm	130	28mm	195	"	1025	28mm	1855

Nominal capacity (Litres)		50	100	150	180	210	250	300
Approximate Weight (KG)	Empty	30	35	40	45	50	55	60
	Full	80	165	190	225	260	305	360
	Packaged	55	60	65	70	75	80	85
Vessel Material	316 Stainless Steel							
Insulation Type	Polyurethane (PU) Insulation with CO2 Blowing Agent							
Standing heat loss (Watts)		48.6	54.6	60.2	64.3	75.2	86.4	94.2
GWP of Insulation		0	0	0	0	0	0	0
ODP of Insulation		<5	<5	<5	<5	<5	<5	<5
ERP Fiche Volume		52	104	151	178	213	246	296
ERP Energy Efficiency Class		C	C	C	C	C	C	C

* 100mm insulation available on request

** Alternative volumes and Bespoke Buffer Vessels available on request

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