

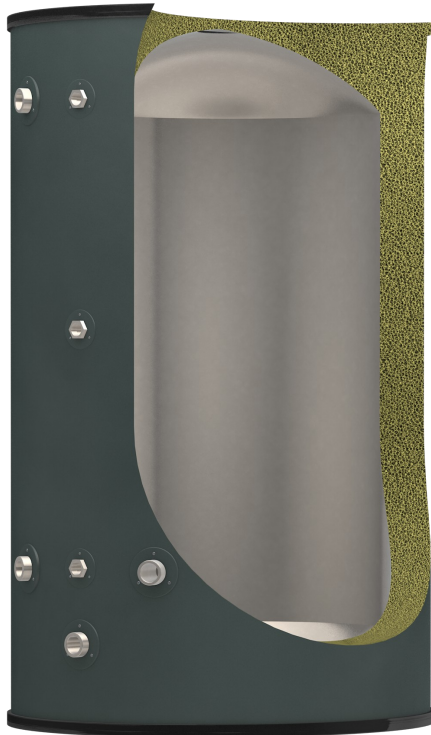
Product Information

WH Cylinders

Buffer Vessel Cylinders 50L to 500L



WORLD HEAT
CYLINDERS



**High quality British
Manufactured super insulated
steel buffer vessels designed for
any application.**

WH Cylinders manufacture a range of high quality Mild Steel Buffer Vessels for any application.

All of our vessels are manufactured from high quality mild steel, under an ISO9001 certified quality management system in our purpose built manufacturing facility in Manchester.

Key Features

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

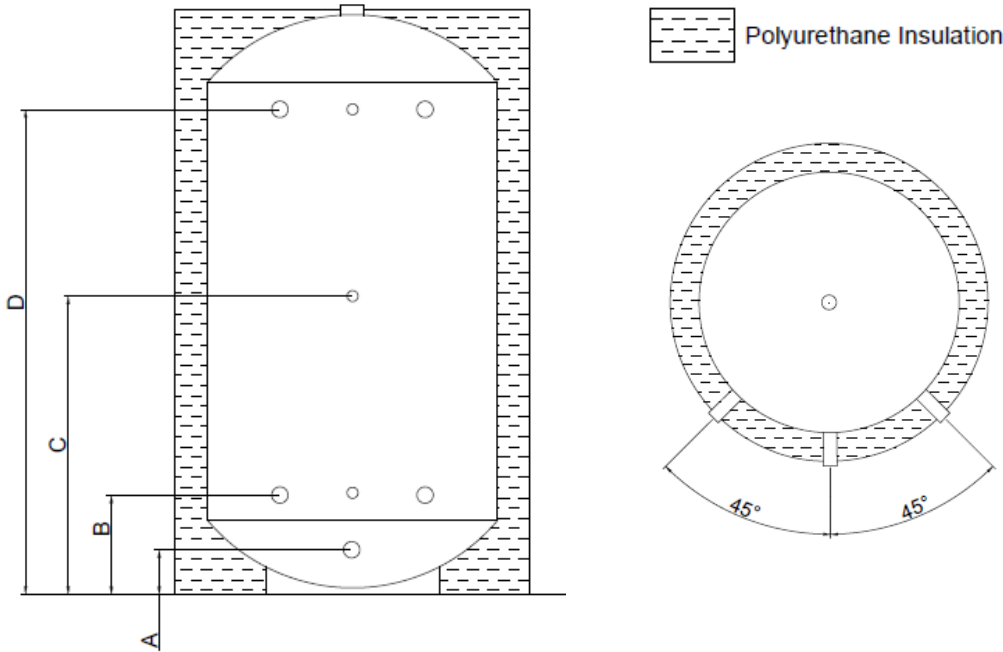


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Dimensional Drawing WH Cylinders

Buffer Vessel Cylinders 50L to 500L



Product Code	Capacity (L)	Cylinder Height OVER-ALL (mm)	Cylinder Diameter OVER-ALL (mm)	Connection A (Drain)		Connection B		Connection C		Connection D	
				Size (Female BSP)	Height (mm)	Size (Female BSP)	Height (mm)	Dry Stat Pocket	Height (mm)	Size (Female BSP)	Height (mm)
50MSBUFF	50	495	550	1"	130	1"	195	"	125	1"	325
100MSBUFF	100	800	550	1"	130	1"	195	"	277	1"	555
150MSBUFF	150	1200	550	1"	130	1"	195	"	575	1"	995
180MSBUFF	180	1400	550	1"	130	1"	195	"	675	1"	1155
210MSBUFF	210	1550	550	1"	130	1"	195	"	750	1"	1305
250MSBUFF	250	1750	550	1"	130	1"	195	"	850	1"	1505
300MSBUFF	300	2100	550	1"	130	1"	195	"	1025	1"	1855
400MSBUFF	400	1700	700	1"	130	1"	195	"	825	1"	1415
500MSBUFF	500	1900	700	1"	130	1 1/4"	195	"	950	1 1/4"	1680

Nominal capacity (Litres)		50	100	150	180	210	250	300	400	500
Approximate Weight (KG)	Empty	30	35	40	45	50	55	60	65	70
	Full	80	165	190	225	260	305	360	465	570
	Packaged	55	60	65	70	75	80	85	90	95
Vessel Material		Mild Steel								
Insulation Type		Polyurethane (PU) Insulation with CO2 Blowing Agent								
Standing heat loss (KwH/Annum)		48.6	54.6	60.2	64.3	75.2	86.4	94.2	108	128
GWP of Insulation		0	0	0	0	0	0	0	0	0
ODP of Insulation		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
ERP Fiche Volume		52	104	151	178	213	246	296	401	503
ERP Energy Efficiency Class		C	C	C	C	C	C	C	C	D

* 100mm insulation available on request

** Alternative volumes and Bespoke Buffer Vessels available on request

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