

Product Information

WH Cylinders

Stainless Buffer Vessel Cylinders 50L to 500L



WORLD HEAT
CYLINDERS



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

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

All of our vessels are manufactured from duplex 2304 or 316 stainless steel, under an ISO9001 certified quality management system in our purpose built manufacturing facility in Manchester.

Key Features

- High quality 2304 or 316 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



Tudor House
Tudor Industrial Estate
Ashton Street
Dukinfield
Cheshire
SK16 4RN

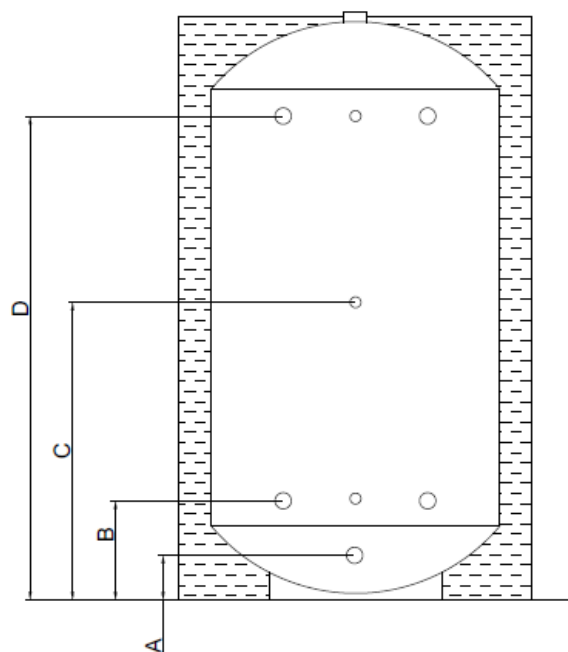


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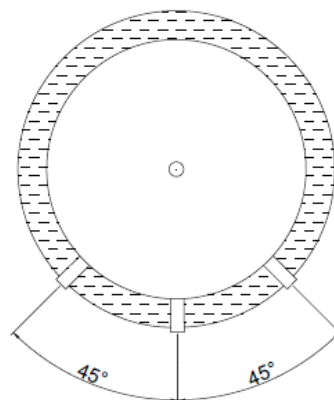
* Material type dependant on vessel diameter

Dimensional Drawing WH Cylinders

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 Polyurethane Insulation



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)
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
400SSBUFF	400	1700	700	28mm	130	28mm	195	“	825	28mm	1415
500SSBUFF	500	1900	700	28mm	130	28mm	195	“	950	28mm	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		2304 duplex or 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	108	128
GWP of Insulation		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
ODP of Insulation		0	0	0	0	0	0	0	0	0
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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