

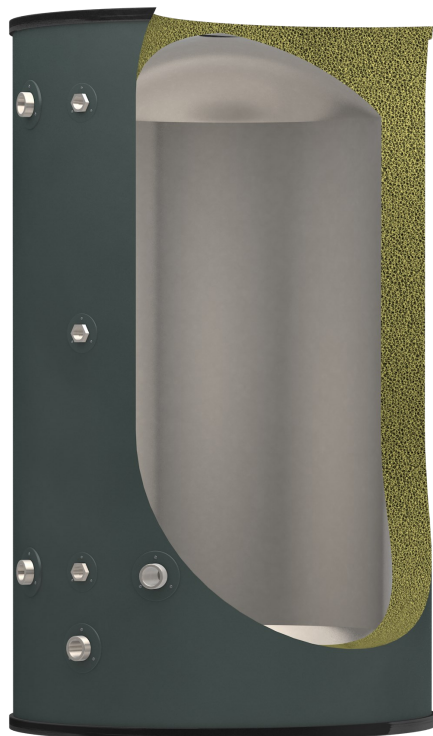
Product Information

WH Cylinders

Buffer Vessel Cylinders 600L to 8000L



WORLD HEAT
CYLINDERS



**High quality British
Manufactured super insulated
Stainless steel buffer vessels de-
signed 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 high quality mild steel, under an ISO9001 certified quality management system in our purpose built manufacturing facility in Manchester.

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



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

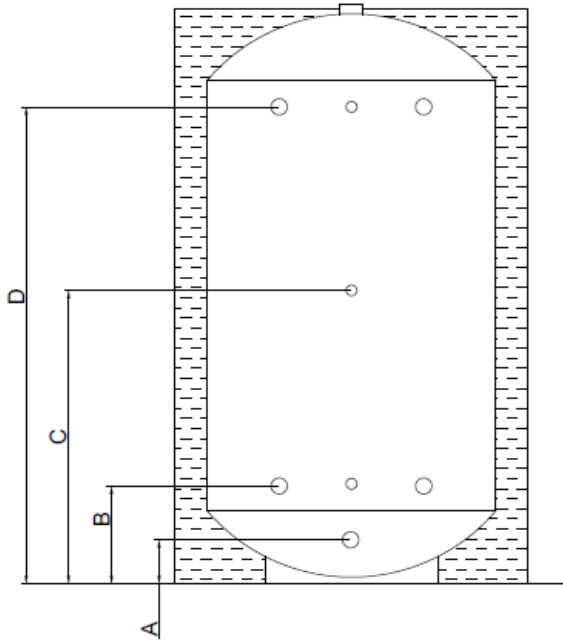
Tel: 0161 343 8610
Fax: 0161 826 1661
Email: sales@whcylinders.co.uk


Dimensional Drawing WH Cylinders

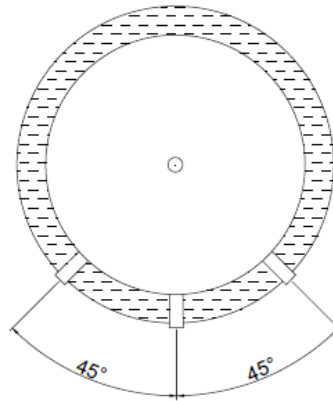
Buffer Vessel Cylinders 600L to 8000L



WORLD HEAT
CYLINDERS



 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) | | | | |
| 600SSBUFF | 600 | 1642 | 850 | 1" | 215 | 1" | 225 | " | 821 | 1" | 1387 | | | | |
| 750SSBUFF | 750 | 1981 | 850 | 1" | 215 | 1" | 255 | " | 990 | 1" | 1626 | | | | |
| 800SSBUFF | 800 | 2100 | 850 | 1" | 215 | 1" | 225 | " | 1050 | 1" | 1795 | | | | |
| 1000SSBUFF | 1000 | 1850 | 1000 | 1" | 115 | 1 1/2" | 335 | " | 895 | 1 1/4" | 1475 | | | | |
| 1500SSBUFF | 1500 | 1950 | 1200 | 1" | 215 | 1 1/2" | 335 | " | 945 | 1 1/2" | 1575 | | | | |
| 2000SSBUFF | 2000 | 2200 | 1300 | 1" | 245 | 2" | 365 | " | 1070 | 1 1/2" | 1795 | | | | |
| 2500SSBUFF | 2500 | 2500 | 1300 | 1" | 245 | 2" | 365 | " | 1220 | 2" | 2095 | | | | |
| 3000SSBUFF | 3000 | 2840 | 1300 | 1" | 115 | 1 1/4" | 420 | " | 870 | 2" | 2400 | | | | |
| 4000SSBUFF | 4000 | 2500 | 1600 | 1" | 130 | 1 1/2" | 420 | " | 895 | 2 1/2" | 2100 | | | | |
| 5000SSBUFF | 5000 | 2750 | 1700 | 1" | 215 | 1 1/2" | 420 | " | 945 | 2 1/2" | 2350 | | | | |
| 6000SSBUFF | 6000 | 2850 | 1700 | 1" | 245 | 2" | 420 | " | 1070 | 2 1/2" | 2450 | | | | |
| 8000SSBUFF | 8000 | 2750 | 2100 | 1" | 245 | 2" | 420 | " | 1220 | 2 1/2" | 2350 | | | | |
| Nominal capacity (Litres) | | | 600 | 750 | 800 | 1000 | 1500 | 2000 | 2500 | 3000 | 4000 | 5000 | 6000 | 8000 | |
| Approximate Weight (KG) | | | Empty | 178 | 220 | 285 | 340 | 500 | 600 | 700 | 1020 | 1200 | 1400 | 2040 | 2400 |
| | | | Full | 778 | 970 | 1085 | 1340 | 2000 | 2600 | 3200 | 4020 | 5200 | 6400 | 8040 | 10400 |
| | | | Pack-aged | 188 | 230 | 295 | 350 | 510 | 610 | 710 | 1030 | 1210 | 1410 | 2050 | 2415 |
| | | | Vessel Material | Stainless Steel | | | | | | | | | | | |
| Insulation Type | | | Polyurethane (PU) Insulation with CO2 Blowing Agent | | | | | | | | | | | | |
| Standing heat loss (Watts) | | | 136 | 142 | 158 | 184 | 201.25 | 229.58 | 273.3 | 312.5 | 371.25 | 432.5 | 604.16 | 867.08 | |
| GWP of Insulation | | | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | |
| ODP of Insulation | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ERP Fiche Volume | | | 598 | 753 | 836 | 994 | 1502 | 1994 | 2494 | 2998 | 3998 | 5004 | 6002 | 8004 | |
| ERP Energy Efficiency Class | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |

* 100mm insulation available on request

** Alternative volumes and Bespoke Buffer Vessels available on request

WH Cylinders

Unit 4, Tudor Industrial Estate, Ashton Street, Dukinfield, Cheshire, SK16 4RN

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