

TECHNICAL PRODUCT SUBMITTAL

LBT5000 THERMAL STORE



LBT5000

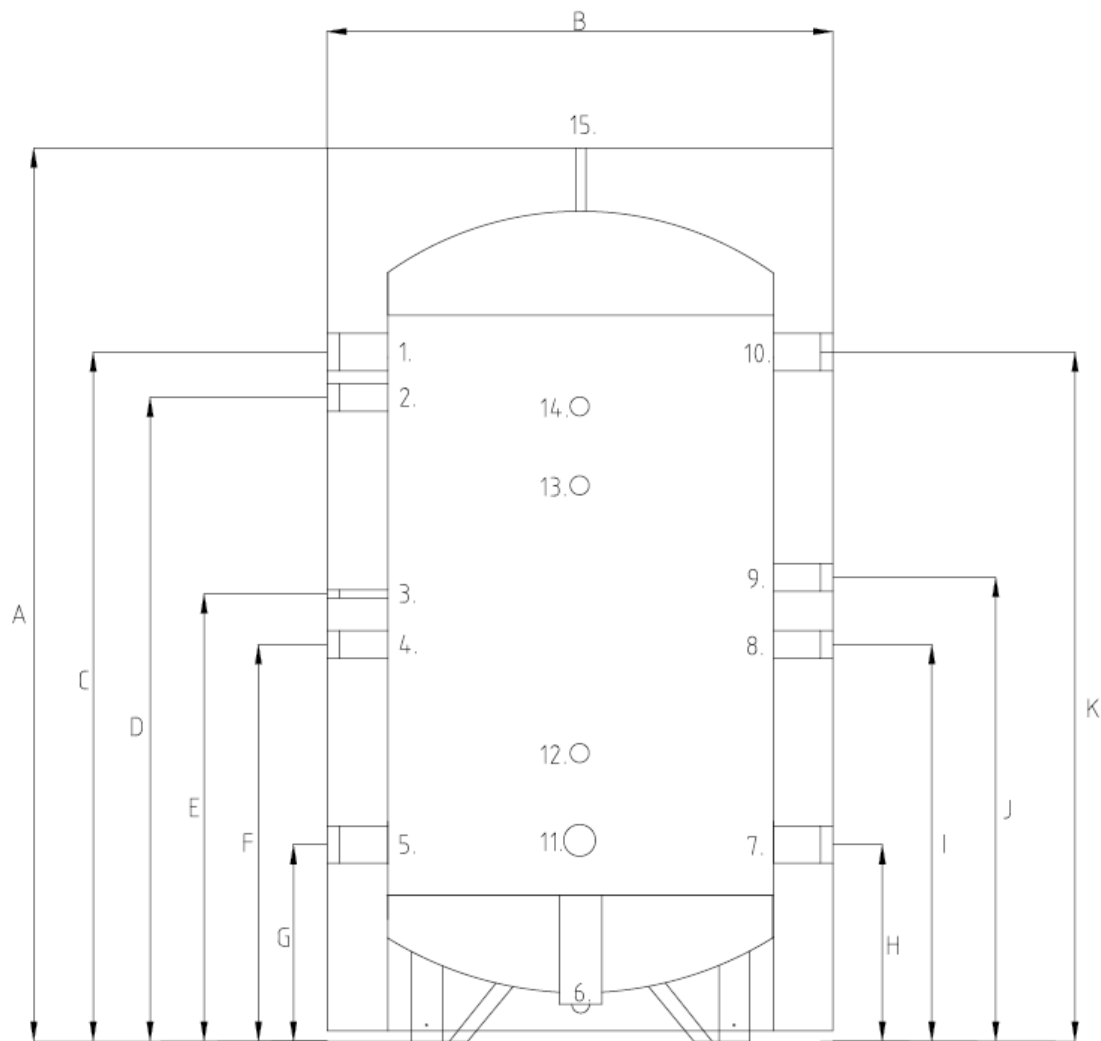
| EFFICIENCY DATA-Part L2 | |
|--------------------------------------|---------|
| Insulation Thickness | mm |
| Insulation Type | |
| Heat Loss | kWh/24h |
| EFFICIENCY DATA ErP AND ENERGY LABEL | |
| Ecodesign Energy Label rating | |
| Standing Loss | W |
| GENERAL DATA | |
| Storage Capacity | litres |
| Weight Empty | kg |
| Weight Full and Insulated | kg |
| Maximum Vessel Pressure | bar |
| Minimum Vessel Temperature | °C |
| Maximum Vessel Temperature | °C |

| |
|--------------|
| 100 |
| Polyethylene |
| n/a |
| n/a |
| n/a |
| 5000 |
| 580 |
| 5580 |
| 6 |
| -10 |
| 90 |

The LBT Thermal store must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

ErP and Warranty

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at www.lochinvar.ltd.uk



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LBT5000 THERMAL STORE



| No | Description | Unit | LBT2000 | LBT2500 | LBT3000 | LBT4000 | LBT5000 |
|----|--|------|---------|---------|---------|---------|---------|
| A | Total Height (with insulation) | mm | 2565 | 2360 | 2860 | 2930 | 2970 |
| B | Diameter of Water Heater (with insulation) | mm | 1320 | 1470 | 1470 | 1620 | 1820 |
| C | Height of Heating system flow connection | mm | 2105 | 1865 | 2365 | 2390 | 2400 |
| D | Height of Auxiliary connection | | 1955 | 1615 | 2115 | 2140 | 2150 |
| E | Height of Sensor connection | mm | 1450 | 1255 | 1755 | 1780 | 1790 |
| F | Height of Auxiliary connection | mm | 1345 | 1005 | 1505 | 1530 | 1540 |
| G | Height of Heating system return connection | mm | 505 | 565 | 565 | 590 | 600 |
| H | Height ASHP Return connection | mm | 505 | 565 | 565 | 590 | 600 |
| I | Height of Auxiliary connection | mm | 1180 | 1150 | 1365 | 1390 | 1400 |
| J | Height of Auxiliary connection | mm | 1380 | 1315 | 1565 | 1590 | 1600 |
| K | Height of ASHP flow connection | mm | 2105 | 1865 | 2365 | 2390 | 2400 |
| A | Height of AAV Connection | mm | 2565 | 2360 | 2860 | 2930 | 2970 |

| No | Description | Unit | LBT2000 | LBT2500 | LBT3000 | LBT4000 | LBT5000 |
|----|----------------------------------|------|---------|---------|---------|---------|---------|
| 1 | Connection Heating System Flow | BSP | 3" | 4" | 4" | 4" | 4" |
| 2 | Connection Tank body | BSP | 2" | 2" | 2" | 2" | 2" |
| 3 | Connection Sensor Point | BSP | ½" | ½" | ½" | ½" | ½" |
| 4 | Connection Tank body | BSP | 2" | 2" | 2" | 2" | 2" |
| 5 | Connection Heating System Return | BSP | 3" | 4" | 4" | 4" | 4" |
| 6 | Connection Drain | BSP | 2" | 2" | 2" | 2" | 2" |
| 7 | Connection ASHP Return | BSP | 3" | 4" | 4" | 4" | 4" |
| 8 | Connection Tank Body | BSP | 2" | 2" | 2" | 2" | 2" |
| 9 | Connection Tank Body | BSP | 2" | 2" | 2" | 2" | 2" |
| 10 | Connection ASHP Flow | BSP | 3" | 4" | 4" | 4" | 4" |
| 11 | Connection Immersion heater | BSP | 2" | 2" | 2" | 2" | 2" |
| 12 | Connection Sensor Point | BSP | ½" | ½" | ½" | ½" | ½" |
| 13 | Connection Sensor Point | BSP | ½" | ½" | ½" | ½" | ½" |
| 14 | Connection Sensor Point | BSP | ½" | ½" | ½" | ½" | ½" |
| 15 | Connection Air Vent | BSP | 2" | 2" | 2" | 2" | 2" |