

TECHNICAL PRODUCT SUBMITTAL

LBT10000 THERMAL STORE

LBT10000

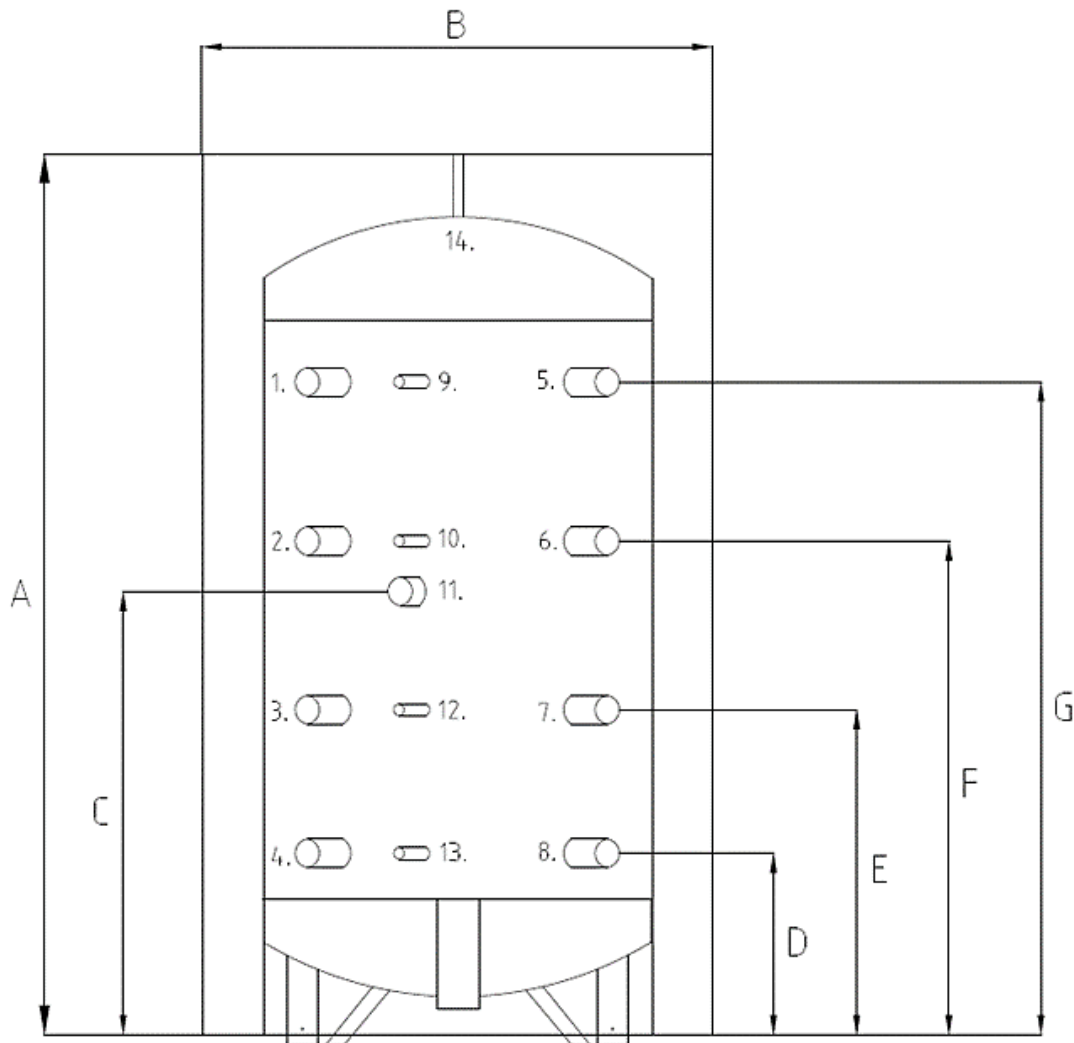
| EFFICIENCY DATA-Part L2 | |
|--------------------------------------|---------|
| Insulation Thickness | mm |
| Insulation Type | |
| Heat Loss | kWh/24h |
| EFFICIENCY DATA ErP AND ENERGY LABEL | |
| Ecodesign Energy Label rating | |
| Standing Loss | W |
| GENERAL DATA | |
| Storage Capacity | litres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

| |
|---------|
| 100 |
| Ecozero |
| n/a |
| n/a |
| n/a |
| 10000 |
| 973 |
| 10973 |
| 5 |
| 95 |

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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LBT10000 THERMAL STORE



| No | Description | Unit | LBT2500 | LBT3000 | LBT4000 | LBT5000 | LBT6000 | LBT8000 | LBT10000 |
|----|--|------|---------|---------|---------|---------|---------|---------|----------|
| A | Total Height (with insulation) | mm | 2220 | 2720 | 2810 | 2870 | 2790 | 3490 | 4240 |
| B | Diameter of Water Heater (with insulation) | mm | 1450 | 1450 | 1600 | 1800 | 2000 | 2000 | 2000 |
| C | Height of Immersion heater connection | mm | 1145 | 1435 | 1430 | 1510 | 1415 | 1615 | 2365 |
| D | Connection ASHP return | mm | 425 | 435 | 480 | 510 | 635 | 625 | 625 |
| E | Height of Tank body connection | mm | 865 | 1035 | 1080 | 1110 | 1155 | 1385 | 1635 |
| F | Height of Tank body connection | mm | 1305 | 1635 | 1680 | 1710 | 1675 | 2145 | 2645 |
| G | Connection ASHP flow | mm | 1745 | 2235 | 2280 | 2310 | 2195 | 2905 | 3655 |
| A | Height of AAV Connection | mm | 2220 | 2720 | 2810 | 2870 | 2790 | 3490 | 4240 |

| No | Description | Unit | LBT2500 | LBT3000 | LBT4000 | LBT5000 | LBT6000 | LBT8000 | LBT10000 |
|----|--|------|---------|---------|---------|---------|---------|---------|----------|
| 1 | Connection heating system flow | BSP | 2" | 2" | 2" | 2" | 3" | 3" | 3" |
| 2 | Connection Tank body | BSP | 1¼" | 2" | 2" | 2" | 2" | 2" | 2" |
| 3 | Connection heating system return | BSP | 2" | 2" | 2" | 2" | 3" | 3" | 3" |
| 4 | Connection alternate heating system return | BSP | 2" | 2" | 2" | 2" | 3" | 3" | 3" |
| 5 | Connection ASHP flow | BSP | 2" | 2" | 2" | 2" | 3" | 3" | 3" |
| 6 | Connection Tank body | BSP | 1¼" | 2" | 2" | 2" | 2" | 2" | 2" |
| 7 | Connection Tank body | BSP | 1¼" | 2" | 2" | 2" | 2" | 2" | 2" |
| 8 | Connection ASHP return | BSP | 2" | 2" | 2" | 2" | 3" | 3" | 3" |
| 9 | Connection sensor point | BSP | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| 10 | Connection sensor point | BSP | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| 11 | Connection Immersion heater | BSP | 1½" | 1½" | 1½" | 1½" | 1½" | 1½" | 1½" |
| 12 | Connection sensor point | BSP | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| 13 | Connection sensor point | BSP | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| 14 | Connection Air vent | BSP | 1" | 1" | 1" | 1" | 1" | 1" | 1" |