TECHNICAL PRODUCT SUBMITTAL





EFFICIENCY DATA-Part L2 Insulation Thickness mm Insulation Type kWh/24h **Heat Loss EFFICIENCY DATA ErP AND ENERGY LABEL Ecodesign Energy Label rating** W **Standing Loss GENERAL DATA** Storage Capacity litres Weight Empty kg Weight Full and Insulated kg Maximum Vessel Pressure bar °C Minimum Vessel Temperature ٥C Maximum Vessel Temperature

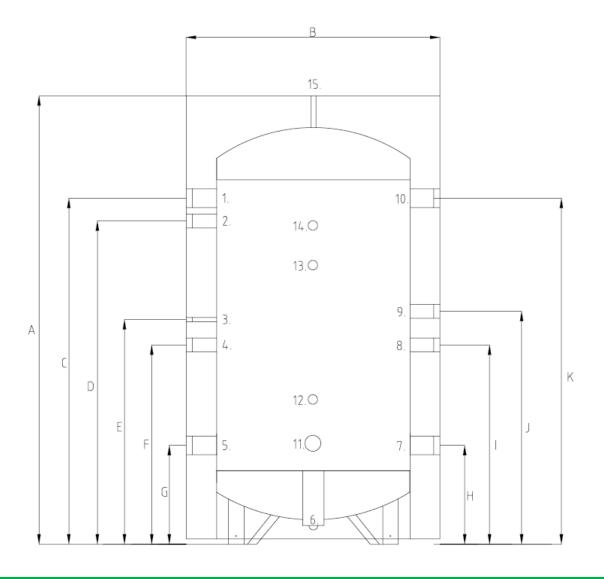
LBT500

| 55 | | | | | | |
|--------------|--|--|--|--|--|--|
| Polyurethane | | | | | | |
| 2.74 | | | | | | |
| | | | | | | |
| С | | | | | | |
| 114.1 | | | | | | |
| | | | | | | |
| 500 | | | | | | |
| 80 | | | | | | |
| 580 | | | | | | |
| 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



TECHNICAL PRODUCT SUBMITTALLBT500 THERMAL STORE



| No | Description | Unit | LBT300 | LBT500 | LBT800 | LBT1000 | LBT1500 |
|-----|--|------|--------|--------|--------|---------|---------|
| Α | Total Height (with insulation) | mm | 1680 | 1735 | 1765 | 2075 | 2245 |
| В | Diameter of Water Heater (with insulation) | mm | 610 | 760 | 910 | 1010 | 1220 |
| С | Height of Heating system flow connection | mm | 1405 | 1450 | 1445 | 1715 | 1800 |
| D | Height of Auxiliary connection | mm | 1255 | 1300 | 1295 | 1565 | 1650 |
| Е | Height of Sensor connection | mm | 895 | 885 | 885 | 1095 | 1180 |
| F | Height of Auxiliary connection | mm | 645 | 690 | 685 | 955 | 1040 |
| G | Height of Heating system return connection | mm | 355 | 380 | 395 | 415 | 500 |
| Н | Height ASHP Return connection | mm | 355 | 380 | 395 | 415 | 500 |
| - 1 | Height of Auxiliary connection | mm | 780 | 785 | 820 | 955 | 1020 |
| J | Height of Auxiliary connection | mm | 980 | 985 | 1020 | 1155 | 1220 |
| K | Height of ASHP flow connection | mm | 1405 | 1450 | 1445 | 1715 | 1800 |
| Α | Height of AAV Connection | mm | 1680 | 1735 | 1765 | 2075 | 2245 |

| No | Description | Unit | LBT300 | LBT500 | LBT800 | LBT1000 | LBT1500 |
|----|----------------------------------|------|--------|--------|--------|---------|---------|
| 1 | Connection Heating System Flow | BSP | 2" | 3" | 3" | 3" | 3" |
| 2 | Connection Tank body | BSP | 1½" | 2" | 2" | 2" | 2" |
| 3 | Connection Sensor Point | BSP | 1/2" | 1/2" | 1/2" | 1/2" | 1/2" |
| 4 | Connection Tank body | BSP | 1½" | 2" | 2" | 2" | 2" |
| 5 | Connection Heating System Return | BSP | 2" | 3" | 3" | 3" | 3" |
| 6 | Connection Drain | BSP | 1¼" | 1¼" | 1½" | 1½" | 2" |
| 7 | Connection ASHP Return | BSP | 2" | 3" | 3" | 3" | 3" |
| 8 | Connection Tank Body | BSP | 1½" | 2" | 2" | 2" | 2" |
| 9 | Connection Tank Body | BSP | 1½" | 2" | 2" | 2" | 2" |
| 10 | Connection ASHP Flow | BSP | 2" | 3" | 3" | 3" | 3" |
| 11 | Connection | BSP | 2" | 2" | 2" | 2" | 2" |
| 12 | Connection Sensor Point | BSP | 1/2" | 1/2" | 1/2" | 1/2" | 1/2" |
| 13 | Connection Sensor Point | BSP | 1/2" | 1/2" | 1/2" | 1/2" | 1/2" |
| 14 | Connection Sensor Point | BSP | 1/2" | 1/2" | 1/2" | 1/2" | 1/2" |
| 15 | Connection Air Vent | BSP | 1¼" | 1¼" | 1½" | 1½" | 2" |