High temperature air heater: Our hottest models.

The high temperature air heaters are suitable for temperatures up to 900°C. The devices have no integrated power electronics. The outlet air temperature can be steplessly controlled by adding a Leister three-phase controller (DSE). In addition to a DSE, the air temperature can be precisely regulated with a KSR DIGITAL controller.

**High temperature air heater**

**LE 5000 HT (up to 900°C)**

**Installation dimensions in mm**

**Technical data**

**High temperature LE 5000 HT**

- No integrated power electronics
- Heating element tube with protective tube
- Max. air outlet temperature °C: 900
- Min. air flow l/min: 635
- Max. air inlet temperature °C: 100
- Max. ambient temperature °C: 100
- Weight (kg): 2.25
- Mark of conformity: CE
- Protection classe I

**Optional power controller**

DSE three-phase controller (page 51)

**Optional temperature regulation**

DSE three-phase controller (page 51) and KSR DIGITAL temperature regulator (page 50)

- Voltage V ~: 3 × 400
- Power consumption kW: 11
- Order no.: 108.717

**Combination possibilities**

- Leister air heater at maximum heat power and without nozzle with Leister blower at 50 Hz, 1.5 m hose length and unimpeded air outflow.
- Hot air temperature 3 mm after air outlet, measured at the hottest point.
- Air flow at 20 °C, 101.3 kPa compliant with ISO 6358.

<table>
<thead>
<tr>
<th>Power Type</th>
<th>Number LE</th>
<th>Power consumption kW</th>
<th>Air flow l/min</th>
<th>Temperature °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROBUST</td>
<td>1 × 11</td>
<td>1 × 800</td>
<td>800</td>
<td></td>
</tr>
<tr>
<td>AIRPACK</td>
<td>1 × 11</td>
<td>1 × 2800</td>
<td>360</td>
<td></td>
</tr>
<tr>
<td>AIRPACK</td>
<td>2 × 11</td>
<td>2 × 1500</td>
<td>550</td>
<td></td>
</tr>
</tbody>
</table>

Air flow and temperature values may deviate from those above based on the design of the entire hot air system (including nozzles, air hoses, environmental conditions).
## Accessories LHS 61S / LE 5000 / LE 5000 HT (Ø 62 mm)

<table>
<thead>
<tr>
<th>Code</th>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
</table>
| 125.317| ![Flange connector](image) | Flange connector, push-fit  
a = 90 mm |
| 107.247| ![Extension nozzle](image) | Extension nozzle, push-fit (a × b)  
200 × 45 mm |
| 105.917| ![Tubular nozzle](image) | Tubular nozzle, push-fit (a × b × c)  
303 × 153 × 6 mm  
354 × 204 × 4.5 mm  
456 × 306 × 3 mm  
700 × 550 × 1.7 mm  
795 × 655 × 1.5 mm  
1100 × 1000 × 4 mm |
| 107.265| ![Angled nozzle](image) | Angled nozzle, push-fit (a × b)  
shank length 120 × 112 mm |
| 107.245| ![Round nozzle](image) | Round nozzle, push-fit  
d = 40 mm |
| 107.342| ![Shell reflector](image) | Shell reflector, push-fit (a × b)  
400 × 50 mm  
400 × 65 mm  
400 × 80 mm |
| 107.260| ![Wide slot nozzle](image) | Wide slot nozzle, push-fit (a × b)  
85 × 15 mm  
150 × 12 mm  
200 × 9 mm  
250 × 12 mm  
300 × 4 mm  
400 × 4 mm  
500 × 4 mm |
| 106.143| ![Sieve reflector](image) | Sieve reflector, push-fit (a × b)  
45 × 75 mm  
76 × 75 mm  
110 × 152 mm |
| 107.335| ![Sieve reflector](image) | Sieve reflector, push-fit  
Ø 150 mm |
| 133.517| ![Thermocouple holder](image) | Thermocouple holder |
| 144.039| ![Compressed air connection](image) | Compressed air connection |

### Additional Information
- **Nozzle adapter** Ø 62 mm Ø 60 mm, Length 110 mm, to connect with blow-off nozzle
- **Adapter plates LHS 61S instead LE 5000
- **System Interface cable**
  - 1 m
  - 3 m
  - 5 m
  - one end single wires, one end RJ45

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**General Catalog Process Heat 2012 / 2013**

[www.leister.com](http://www.leister.com)