

# 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)

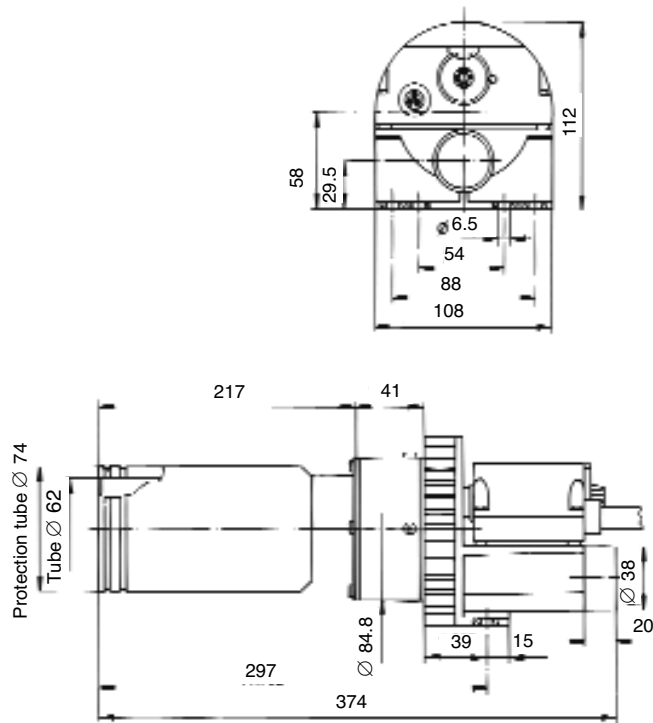


#### Technical data

##### 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 class I	⊕

#### Installation dimensions in mm



#### 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

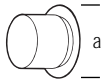
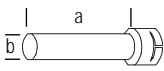
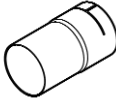
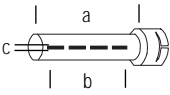

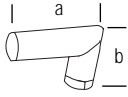

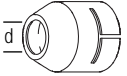
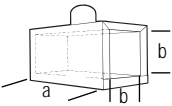
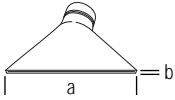
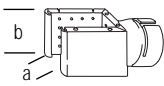
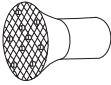


- Leister air heater at maximum heat power and without nozzle with Leister blower at 50 Hz, 1.5 m hose length and unimpeded air outflow.
- Hot air temperature 3 mm after air outlet, measured at the hottest point.
- Air flow at 20 °C, 101.3 kPa compliant with ISO 6358.

Power Type	Number LE × Power consumption kW	Air flow l/min	Temperature °C
ROBUST	1 × 11	1 × 800	800
AIRPACK	1 × 11	1 × 2800	360
AIRPACK	2 × 11	2 × 1500	550

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 page 44

## Accessories LHS 61S / LE 5000 / LE 5000 HT (Ø 62 mm)

125.317		Flange connector, push-fit a = 90 mm			
107.247		Extension nozzle, push-fit (a x b) 200 x 45 mm		127.062	 Nozzle adapter Ø 62 mm Ø 60 mm, Length 110 mm, to connect with blow-off nozzle
105.917 105.907 105.919 107.253 114.136 105.906		Tubular nozzle, push-fit (a x b x c) 303 x 153 x 6 mm 354 x 204 x 4.5 mm 456 x 306 x 3 mm 700 x 550 x 1.7 mm 795 x 655 x 1.5 mm 1100 x 1000 x 4 mm		143.575	 Adapter plates LHS 61S instead LE 5000  > LHS 61S
107.265		Angled nozzle, push-fit (a x b) shank length 120 x 112 mm		144.030 144.028 144.026	 System Interface cable 1 m 3 m 5 m one end single wires, one end RJ45
107.245		Round nozzle, push-fit d = 40 mm			
107.342 106.174 106.175		Shell reflector, push-fit (a x b) 400 x 50 mm 400 x 65 mm 400 x 80 mm			
107.260 107.259 105.977 107.263 107.262 105.992 105.991		Wide slot nozzle, push-fit (a x b) 85 x 15 mm 150 x 12 mm 200 x 9 mm 250 x 12 mm 300 x 4 mm 400 x 4 mm 500 x 4 mm			
106.143 107.329 107.336		Sieve reflector, push-fit (a x b) 45 x 75 mm 76 x 75 mm 110 x 152 mm			
107.335		Sieve reflector, push-fit Ø 150 mm			
133.517		Thermocouple holder			
144.039		Compressed air connection  > LHS 61			