

## LHS 15: Tiny and reliable.

The tiny air heater provides hot air up to 650 °C. All prominent features of Leister air heaters also are offered with this tiny heater: long-life heating element, reliable protection systems, standard interfaces. Simply summarizing – the same Leister quality as usual. This makes it a perfect tool for applications in Semiconductor, Electronics, Automotive and other industries.

Air heater

### LHS 15

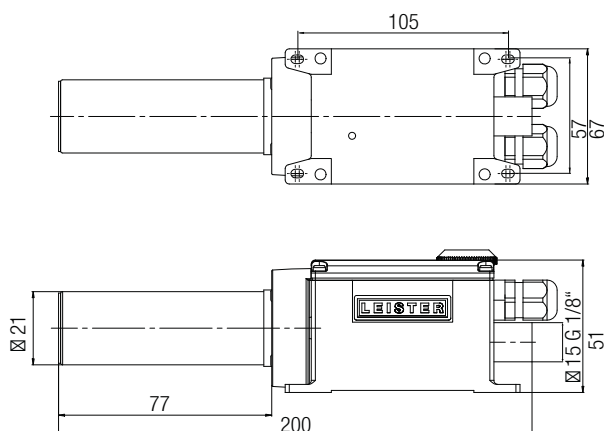


#### Technical data

Max. air outlet temperature	°C	650
Max. air inlet temperature	°C	65
Max. ambient temperature	°C	65
Min. air flow		As per diagram page 27
Max. inlet pressure	kPa	100
Weight	kg	0.48

Conformity mark	CE
Approval mark	§
Protection class II	□

#### Installation dimensions in mm



#### 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 0 °C, 101.3 kPa compliant with DIN 1343.

Power Typ	Number LHS 15 x power cons. W	Air flow l/min.	Temperatur °C
ROBUST	1 × 800	1 × 150	420
ROBUST	2 × 800	2 × 130	460

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).

Deflashing foil sleeves from charcoal filter elements



Air heater

### LHS 15 CLASSIC



Heating power not adjustable

Detection of heating element and device overheating with alarm output

Air heater

### LHS 15 PREMIUM



Heating power steplessly adjustable with potentiometer

Protection against heating element and device overheating with alarm output

Air heater

### LHS 15 SYSTEM



Heating power or temperature steplessly adjustable with potentiometer or remote control interface

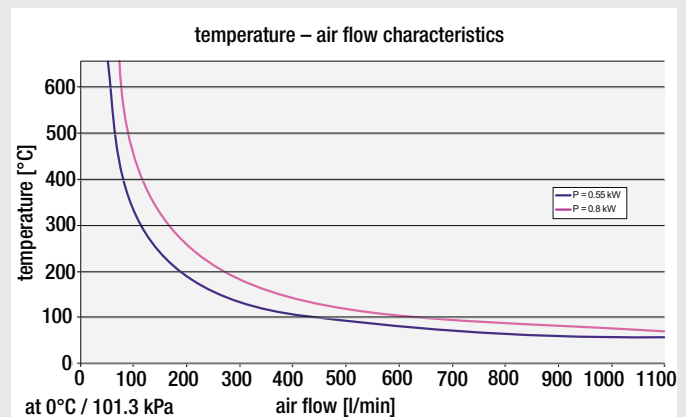
Protection against heating element and device overheating with alarm output

Remote control interface for external temperature controllers (Leister CSS, or PLCs)

Air Heaters  
Controllers

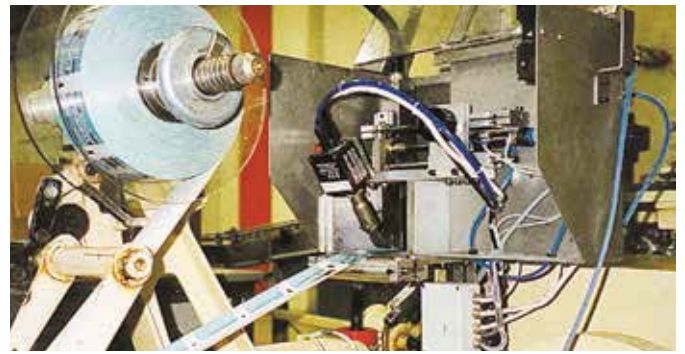
Order no.:	CLASSIC	PREMIUM	SYSTEM
LHS 15 0.55 kW / 120 V	139.873	139.908	139.894
LHS 15 0.8 kW / 230 V	139.874	139.893	139.895

Contact a Leister sales partner in your region for professional advice and information on our other air heaters and blowers.


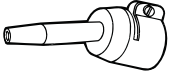

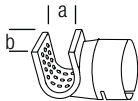
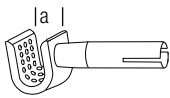
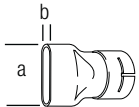

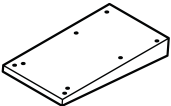

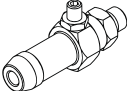
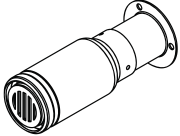


Accessories 40

Air heater and blower for drying labels. Fast drying allows for high throughput speeds.



## Accessories LHS 15 (∅ 21.3 mm)

	<b>107.282</b> Flange connector, push-fit a = 40 mm
	<b>107.144</b> Round nozzle, push-fit ∅ 5 mm <b>107.145</b> ∅ 10 mm
	<b>107.152</b> Round nozzle, push-fit ∅ 12 mm
	<b>107.310</b> Sieve reflector, push-fit (a × b) 20 × 35 mm <b>107.311</b> 50 × 35 mm
	<b>107.324</b> Sieve reflector, push-fit on round nozzle ∅ 5 mm a = 10 mm
	<b>105.549</b> Wide slot nozzle, push-fit (a × b) 10 × 2 mm, angled <b>105.559</b> 20 × 2 mm, length 55 mm <b>105.548</b> 40 × 5 mm <b>105.547</b> 50 × 8 mm
	<b>144.035</b> Compressed air connection
	<b>143.533</b> Adapter plate LHS 15 instead LE 700
	<b>149.941</b> Round nozzle (∅ 21.3) for LHS 15
	<b>150.097</b> Air inlet reduction valve for LHS 15
	<b>150.192</b> Heater tube (∅ 21.3) with protection tube for LHS 15