



LHS 15 CLASSIC



LHS 15 PREMIUM

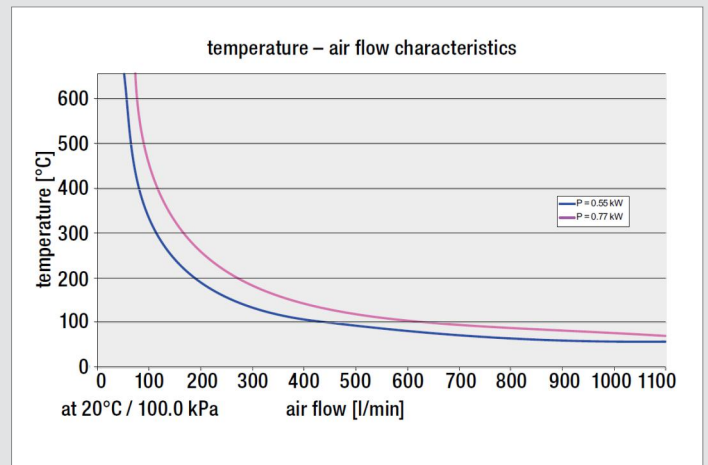


LHS 15 SYSTEM

## LHS 15 Air Heater

The LHS 15 air heater is backwards compatible with its predecessor, the LE TOOL 700. Offering 550 – 800 W of heating power this tool can heat air to temperatures of up to 650°C. The Leister line of LHS air heaters are suitable for building into machines, installations or appliances and are designed for continuous operation.

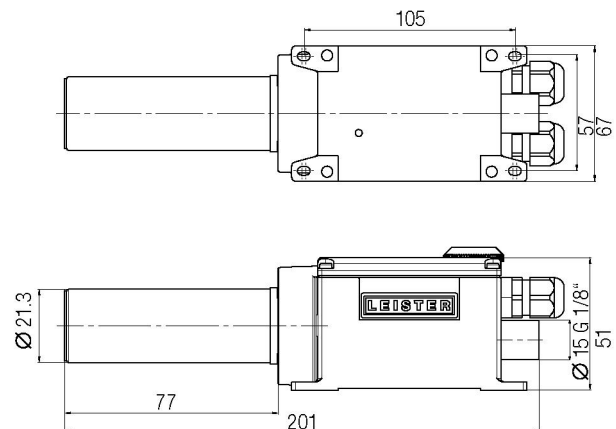
- Compact for installation into machines or other tight spaces
- Reliable, patented heat element protection
- Low maintenance costs
- Designed for continuous operation
- Standard control interface for easy integration into existing controls
- Available in three types:
  - CLASSIC: for permanent full heat capacity; passive overheat protection
  - PREMIUM: for manual adjustment of the heating power; active overheat protection
  - SYSTEM: for manual closed-loop adjustment of the temperature or external control; active overheat protection; various operating modes possible



### Technical Data

Voltage	V	120	230
Power consumption	W	550	800
Min. air flow	l/min	60	80
Max. air pressure	kPa	100	100
Max. outlet temp.	°C	650	650
Max. inlet temp.	°C	65	65
Noise level	dB	<70	<70
Weight	g	480	480
Approval markings		CE, QPS	CE, QPS
Electrical protection		Class II	Class II

### Installation dimensions in mm



# LHS CLASSIC vs. PREMIUM vs. SYSTEM



## LHS CLASSIC

- Heating power not adjustable
- Maximum temperature output 600°C
- Detection of heating element and device overheating with alarm output



## LHS PREMIUM

















- Heating power adjustable via potentiometer
- Maximum temperature output 650°C
- Protection against heating element and device overheating with alarm output
- Open-loop temperature control



## LHS SYSTEM

- Heating power and temperature adjustable via either potentiometer or external controller
- Maximum temperature output 650°C
- Protection against heating element and device overheating with alarm output
- Remote control interface included in the form of screw terminals
- Contains an internal thermocouple which allows for closed-loop temperature control using only the tool and a blower
- Closed-loop temperature control also available when used with an external controller and thermocouple
- Digital display provides actual output temperature readout as well as either a set-point display or a current percent power utilization display
- Internal dipswitches allow for the selection of:
  - °C or °F on digital display
  - Control by potentiometer or external controller
  - Internal closed-loop PID control active or inactive

# LHS 15 Accessories

					
107.282: Flange connector Ø21.3 mm to Ø40 mm	107.310: Sieve reflector 35 x 20 mm	107.311: Sieve reflector 50 x 34 mm	149.941: Round nozzle Ø13 mm outlet	105.549: Wide slot nozzle 10 x 2 mm	105.559: Wide slot nozzle 20 x 2 mm
					
105.548: Wide slot nozzle 40 x 5 mm	105.547: Wide slot nozzle 50 x 8 mm	105.624: Tubular nozzle Ø4 mm, 45 mm	105.641: Tubular nozzle Ø21.3 mm, 33 x 45 mm	107.145: Tubular nozzle Ø10 mm, 45 mm	107.152: Tubular nozzle Ø12 mm, 25 x 50 mm
					
143.533: Adapter plate for replacing LE 700 with LHS 15	150.097: Air inlet reduction valve	144.035: Compressed air connection G1/8"	150.192: Heater tube with protection tube		