

LHS 15: Tiny and reliable.

The tiny LHS 15 air heater provides hot air up to 1202 °F. 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, making it a perfect tool for applications in the semiconductor, electronics, automotive and other industries.

Air heater LHS 15



Technical data

Max. air outlet temperature	°F	1202
Max. air inlet temperature	°F	149
Max. ambient temperature	°F	149
Min. air flow		As per diagram
Max. inlet pressure	psi	14.5
Weight	lbs	1

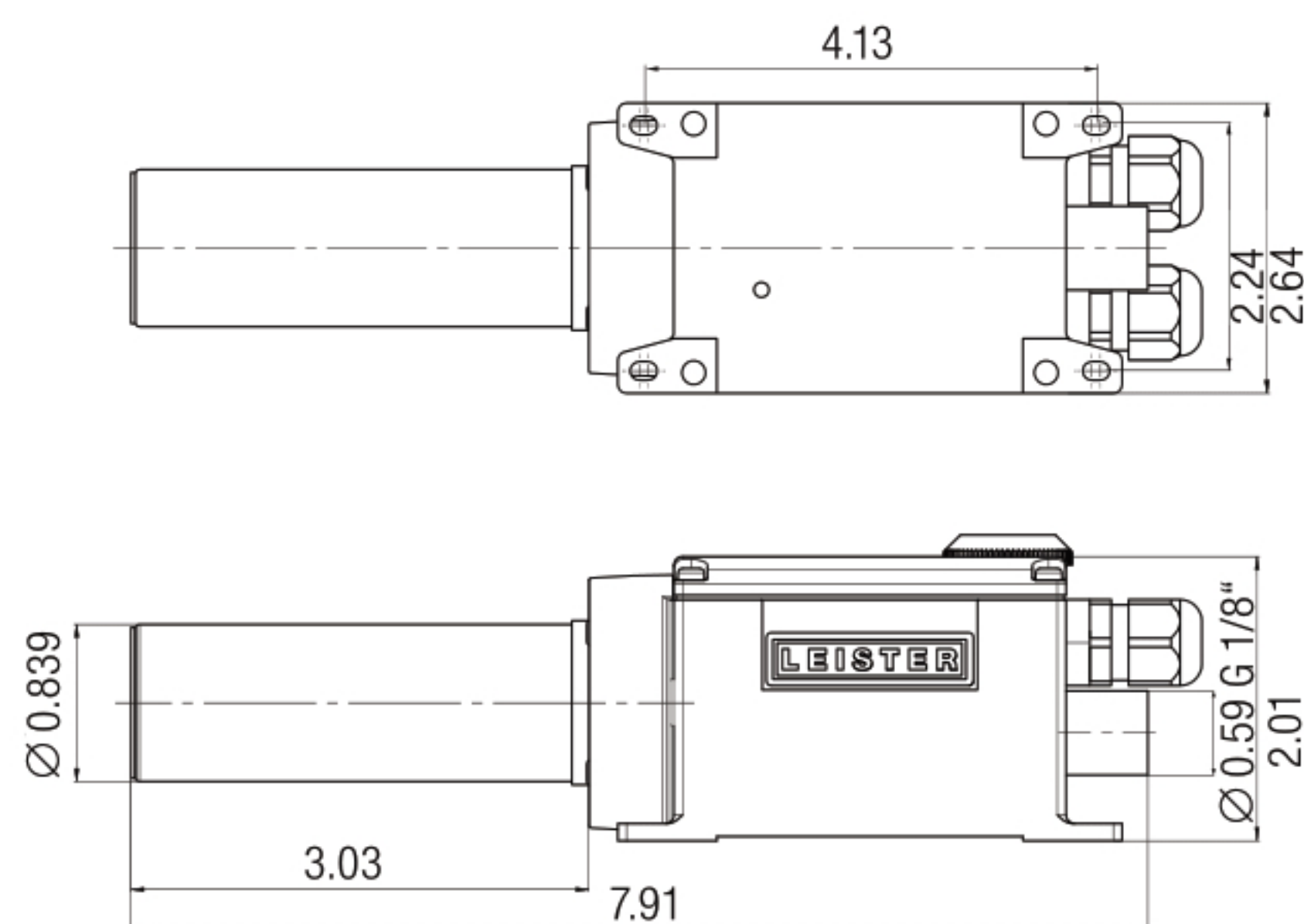
Conformity mark **CE**

Approval mark

Protection class II

Minimum quantity of air at air inlet temperature of 68°F at 100% heating power

Installation dimensions in inches



Combination possibilities

- Leister air heater at maximum heat power and without nozzle with Leister blower at 50 Hz, 4.9 ft hose length and unimpeded air outflow.
- Hot-air temperature 0.12 in after air outlet, measured at the hottest point.
- Air flow at 68 °F, 14.5 psi compliant with ISO 6358.

Power Type	Number LHS 15 x power cons. kW	Air flow cfm.	Temperatur °F
ROBUST	1 × 0.77	1 × 5.30	788
ROBUST	2 × 0.77	2 × 4.59	860

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

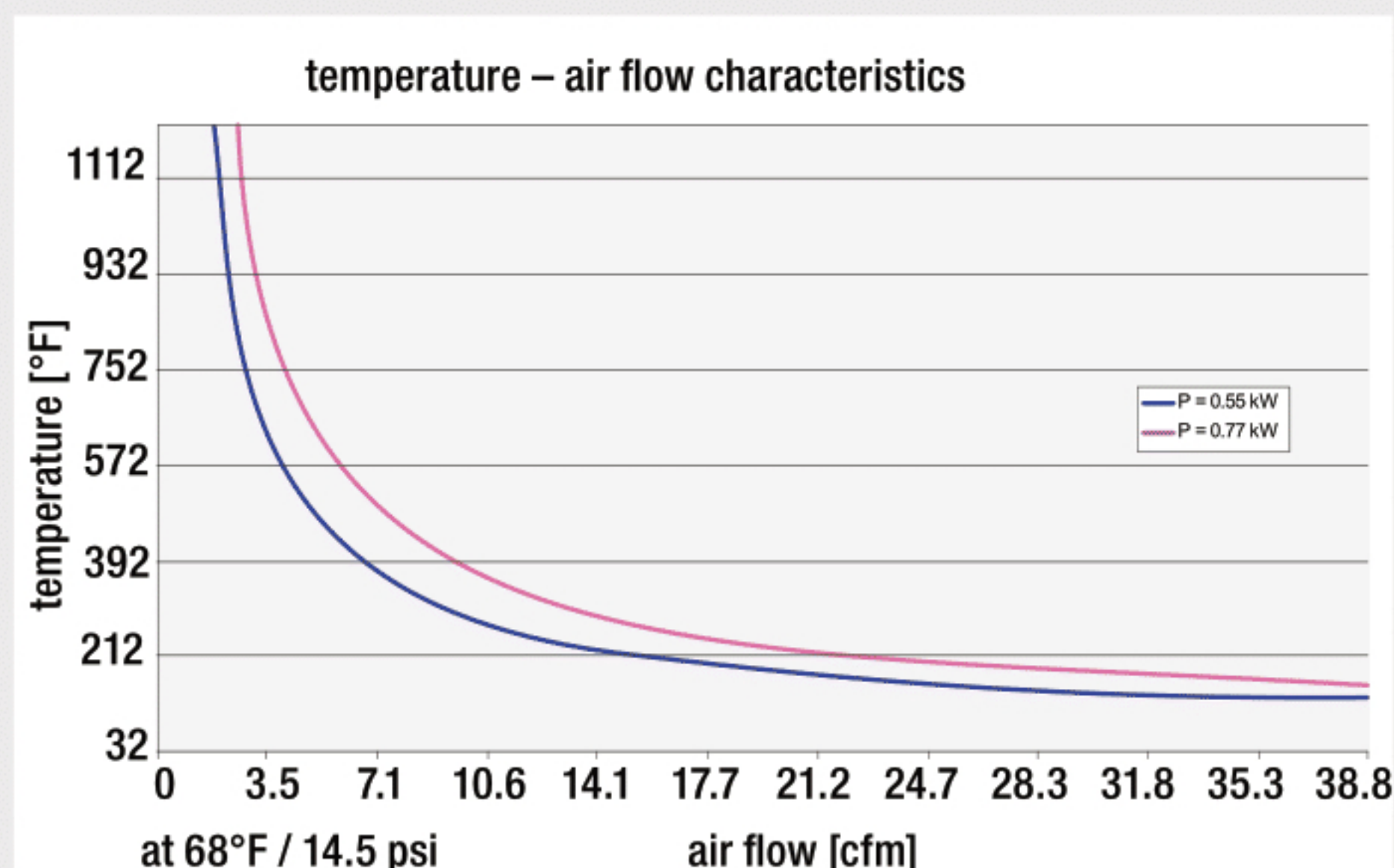
Protection against heating element and device overheating with alarm output

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

Air Heaters
Controllers

Article no.:	CLASSIC	PREMIUM	SYSTEM
LHS 15 0.55 kW / 120 V	139.873	139.908	139.894
LHS 15 0.77 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.



LHS 21: Designed for professionals.

These advanced air heaters are distinguished by their extremely small dimensions—especially the lean design (only 2.64 inches wide)—as well as their long service life. Designed for professional integration into machine systems, the new LHS series enables any specific application. Sterilizing, drying, welding, cleaning, shrinking, shaping, deburring and activating are now more efficient and reliable thanks to Leister’s proven hot-air technology!

Air heater

LHS 21



Technical data

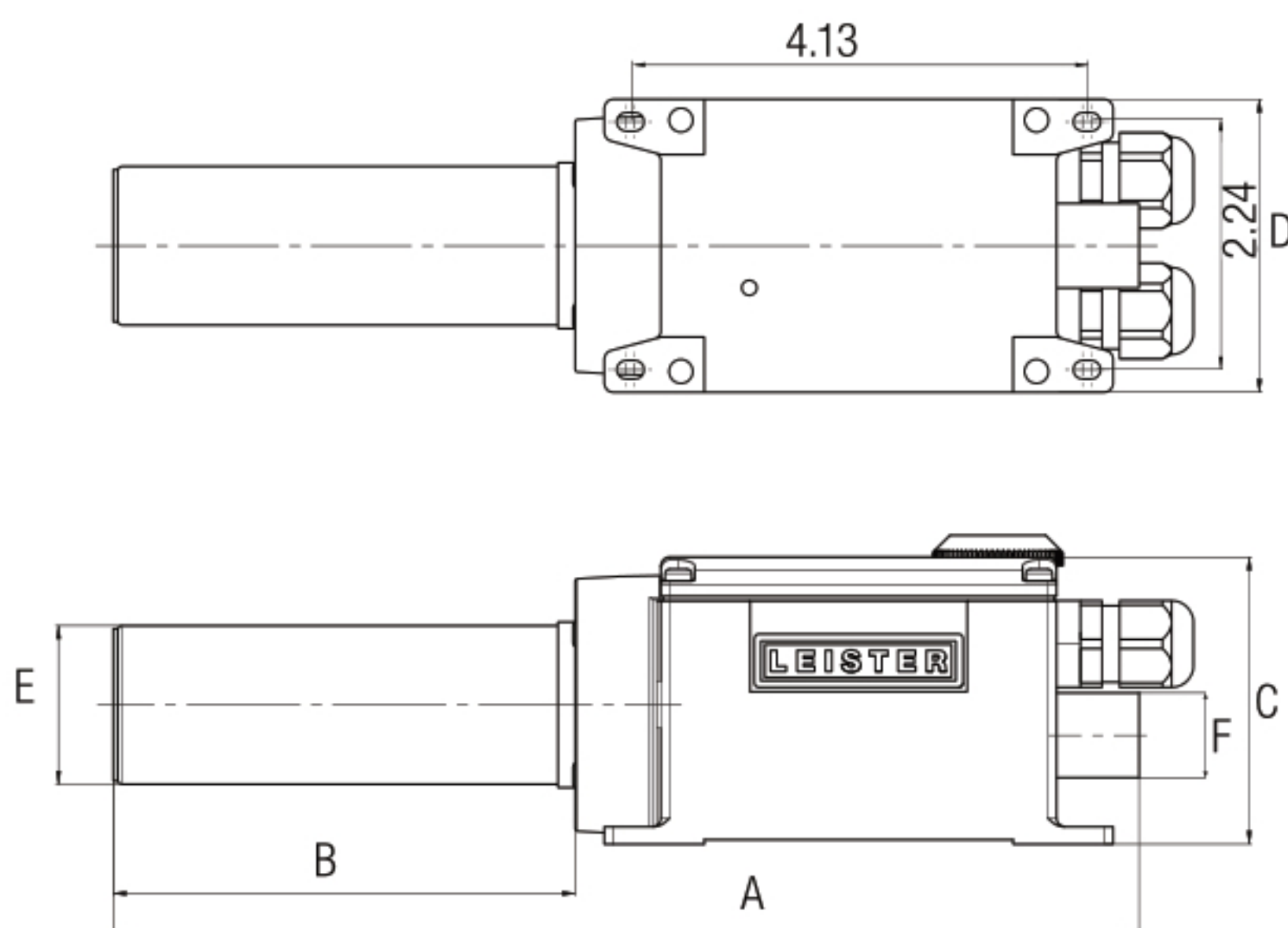
LHS 21S / 21L

Max. air outlet temperature	°F	1202
Max. air inlet temperature	°F	149
Max. ambient temperature	°F	149
Min. air flow		As per diagram
Max. inlet pressure	psi	14.5
Weight 21S / 21L	lbs	1.21 / 1.43

Conformity mark	CE
Approval mark	Ⓢ
Protection class II	□

Minimum quantity of air at air inlet temperature of 68°F at 100% heating power

Installation dimensions in inches



Type	A	B	C	D	E	F
LHS 21S	9.29	4.17	2.6	2.64	∅ 1.44	∅ 0.77 G 3/8"
LHS 21L	10.47	5.35	2.6	2.64	∅ 1.44	∅ 0.77 G 3/8"

Combination possibilities

- Leister air heater at maximum heat power and without nozzle with Leister blower at 50 Hz, 4.9 ft hose length and unimpeded air outflow.
- Hot-air temperature 0.12 in after air outlet, measured at the hottest point.
- Air flow at 68 °F, 14.5 psi compliant with ISO 6358.

Power Type	Number LHS 21S x power cons. kW	LHS 21S x Air flow cfm	LHS 21S Temperature °F
ROBUST	1 × 1.0	1 × 22.6	320
ROBUST	2 × 1.0	2 × 14.8	390
ROBUST	4 × 1.0	4 × 8.5	570
ROBUST	1 × 2.0	1 × 20.8	570
ROBUST	2 × 2.0	2 × 13.8	720
ROBUST	4 × 2.0	4 × 7.8	1000
MONO	2 × 1.0	2 × 12.0	457
MONO	1 × 2.0	1 × 18.5	631
MONO	2 × 2.0	2 × 12.5	842
Power Type	Number LHS 21L x power cons. kW	LHS 21L x Air flow cfm	LHS 21L Temperature °F
ROBUST	1 × 3.3	1 × 19.4	970
ROBUST	2 × 3.3	2 × 13.6	1120
AIRPACK	2 × 3.3	2 × 42.7	510
AIRPACK	4 × 3.3	4 × 24.7	650

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).