

LE 700: The proven classic.

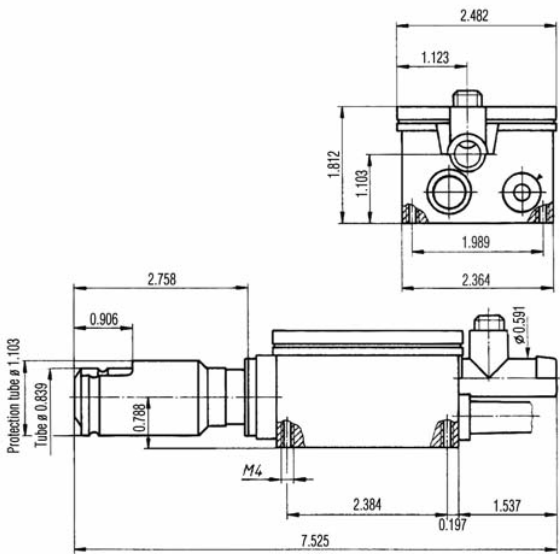
The compact universal device with integrated power electronics for a wide range of applications in the range up to 800 W and 1112°F air temperature. This small air heater is suitable for blower or compressed air operation.

Air heater

LE 700



Installation dimensions in inches



→ Not recommended for new designs!
Leister suggests LHS 15 instead, p. 26

Technical data LE 700

	Without Electronic	With Electronic	For KSR DIGITAL
Heating power steplessly adjustable with potentiometer		•	
Thermoswitch for device protection	•	•	•
Integrated heating element protection		•	•
Remote control interface for KSR DIGITAL temperature regulator or external PLC control with isolation amplifier 1.5 – 6.5 V incl. 3.3 ft cable and plug			•
Max. air outlet temperature °F	1112	1112	1112
Min. air flow cfm. 550 W	2.8	2.1	2.1
770 W	3.5	2.8	2.8
Max. air inlet temperature °F	176	122	122
Max. ambient temperature °F	176	140	140
Weight (lbs)	0.44	0.57	0.57
Mark of conformity	CE	CE	CE
Approval mark		Ⓢ	
Protection class II	Ⓜ	Ⓜ	Ⓜ

Voltage V ~	120	230
Power consumption W	550	770
Without Electronic Order no.		101.352
With Electronic Order no.	101.354	101.351
For KSR DIGITAL Order no.		116.650


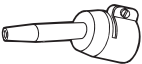

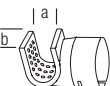
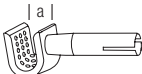
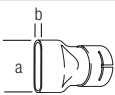


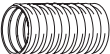


Combination possibilities

- 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, 14.7 psi compliant with ISO 6358.

Power Typ	Number LE × Power consumption W	Air flow cfm	Temperature °F
ROBUST	1 × 770	1 × 5.30	788
ROBUST	2 × 770	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).

Accessories LE MINI, LHS 15 and LE 700

107.282		Flange connector, push-fit a = 1.58 in
107.144 107.145		Round nozzle, push-fit Ø 0.20 in Ø 0.39 in
107.152		Round nozzle, push-fit Ø 0.47 in
107.310 107.311		Sieve reflector, push-fit (a x b) 0.79 x 1.38 in 1.97 x 1.38 in
107.324		Sieve reflector, push-fit on round nozzle Ø 0.20 in a = 0.39 in
105.549 105.559 105.548 105.547		Wide slot nozzle, push-fit (a x b) 0.39 x 0.08 in, angled 0.79 x 0.08 in, length 2.17 in 1.57 x 0.20 in 1.97 x 0.31 in
117.955		Nozzle adapter, screw-in for nozzles LE 700 > LE MINI > LE MINI SENSOR
129.407		6.56 ft cable with plug and connection > LE MINI SENSOR > LE MINI SENSOR KIT
113.859		Air hose Ø 0.55 in > LE 700
144.035		Compressed air connection > LHS 15
143.533		Adapter plates LHS 15 instead LE 700 > LHS 15

144.030
144.028
144.026



System Interface cable
3.3 ft
9.8 ft
16.4 ft
one end single wires, one end RJ45

Air Heaters