

Нагреватель с отдельной подачей воздуха

LE 700

Технические характеристики

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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 600°C air temperature. This small air heater is suitable for blower or compressed air operation. Given a risk of overheating of the heating element, the power automatically reduces.

Air heater

LE 700



Technical data LE 700	Without Electronic	With Electronic	For KSR DIGITAL
Heating power adjustable steplessly adjustable with potentiometer		•	
Thermoswitch for device production	•	•	•
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. 1 m cable and plug			•
Max. air outlet temperature °C	600	600	600
Min. air flow l/min. 550 W	80	60	60
770 W	100	80	80
Max. air inlet temperature °C	100	50	50
Max. ambient temperature °C	100	60	60
Weight g	200	260	260
Mark of conformity	CE	CE	CE
Approval mark		Ⓢ	
Protection classe 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

Additional versions on request

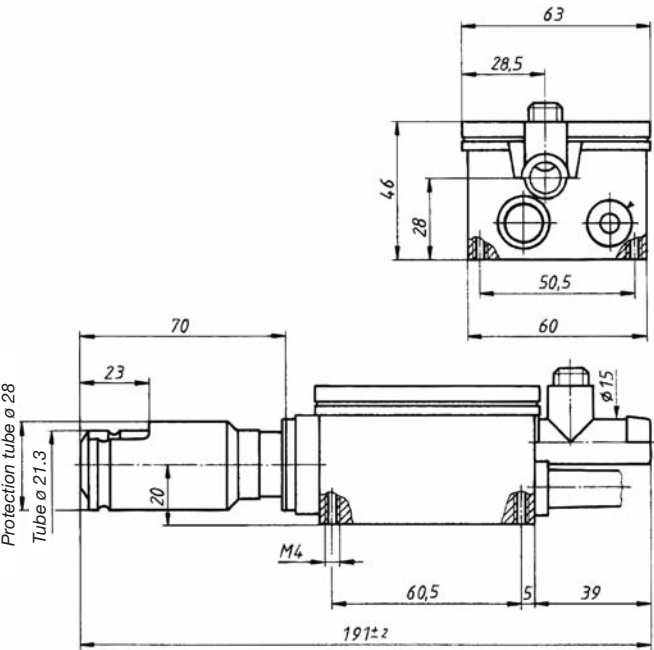
Combination possibilities

- 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 in NI/min = standard litres / min compliant with DIN 1343.

Power Typ	Number LE × Power consumption W	Air flow NI/min	Temperature °C
ROBUST	1 × 770	1 × 150	420
ROBUST	2 × 770	2 × 150	420

Air flow and temperature specifications may deviate from ideal values due to modifications of the hot-air system (nozzles, hose length, etc.).

Installation dimensions in mm



Temperature controller

KSR DIGITAL



Technical data	KSR DIGITAL
Suitable for LEISTER air heaters	LE 700,
Regulation type	PID
Ready to use with preconfigured parameter set	•
Accuracy	Accuracy better than 0.2% of scale value at 25 °C
Switchover °C °F	Configurable via keypad
Temperature sensor / input	Type K / socket
Alarm output	2 alarms independently configurable Output at 2 floating relay contacts 2mm receptacle
Connection to air heater	Socket, compatible with KSR models
Voltage	100 – 240 VAC, max. 8 VA
Mains connection lead	2 m, with Euro plug
Mechanics	Regulator built into housing, ready to operate, can also be integrated into the front panel, with cut-out 67 × 67 mm
Size L × W × H	175 × 72 × 72 mm
Weight kg	0.5
Mark of conformity	CE
Protection classe II	□
Order no.	For LE 700, 230 V / 700 W °C 110.338

Interface

Interface



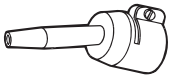
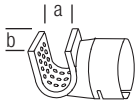
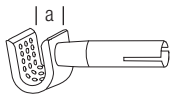
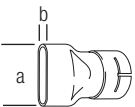
Technical data Interface		
This interface has to be used for reference voltage operation of LE 700 und HOTWIND S		
Power consumption	mA	10
Input range	V DC	0 – 7.5
Output range	V DC	0 – 7.5
Size (L × W × H)	mm	165 × 60 × 80

Interface				
Power supply voltage	V		120	230
For LE 700, KSR DIGITAL	Order no.		129.448	129.563

Additional versions on request

Accessories LE 700

(Ø 21.3 mm)

107.282		Flange connector, push-fit a = 40 mm
107.144 107.145		Round nozzle, push-fit Ø 5 mm Ø 10 mm
107.152		Round nozzle, push-fit Ø 12 mm
107.310 107.311		Sieve reflector, push-fit (a × b) 20 × 35 mm 50 × 35 mm
107.324		Sieve reflector, push-fit on round nozzle Ø 5 mm a = 10 mm
105.549 105.559 105.548 105.547		Wide slot nozzle, push-fit (a × b) 10 × 2 mm, angled 20 × 2 mm, length 55 mm 40 × 5 mm 50 × 8 mm

Accessories KSR DIGITAL

106.956		Thermocouple with plug, 1 m cable KSR DIGITAL
106.958 106.960 106.962		Thermocouple extension cable with plug and connection 2 m 4 m 10 m KSR DIGITAL
111.331		Controller/extension cable 5 m > KSR DIGITAL

Special nozzles on request

If using non-Leister blowers, compressors and accessories no guarantee can be given by us

По вопросам продаж и поддержки обращайтесь:

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