

Нагреватель с отдельной подачей воздуха

LE 5000 NT

Технические характеристики

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High temperature air heater: Our hottest models.

The high temperature air heaters are suitable for temperatures up to 900 °C. The devices have no integrated power electronics. The air temperature is nevertheless steplessly controllable by adding a Leister three-phase controller (DSE). In addition to a DSE, the air temperature can be precisely regulated with a KSR DIGITAL regulator.

High temperature air heater

LE 5000 HT (up to 900°C)



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 × 11000	1 × 800	800
AIRPACK	1 × 11000	1 × 2800	360
AIRPACK	2 × 11000	2 × 1500	550

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

Technical data

High temperature LE 5000 HT

No integrated power electronics	•
Heating element tube with protective tube	•
Max. air outlet temperature °C	900
Max. air inlet temperature °C	100
Min. air flow l/min.	635
Max. ambient temperature °C	100
Weight kg	2.25
Mark of conformity	CE
Protection classe I	⊕

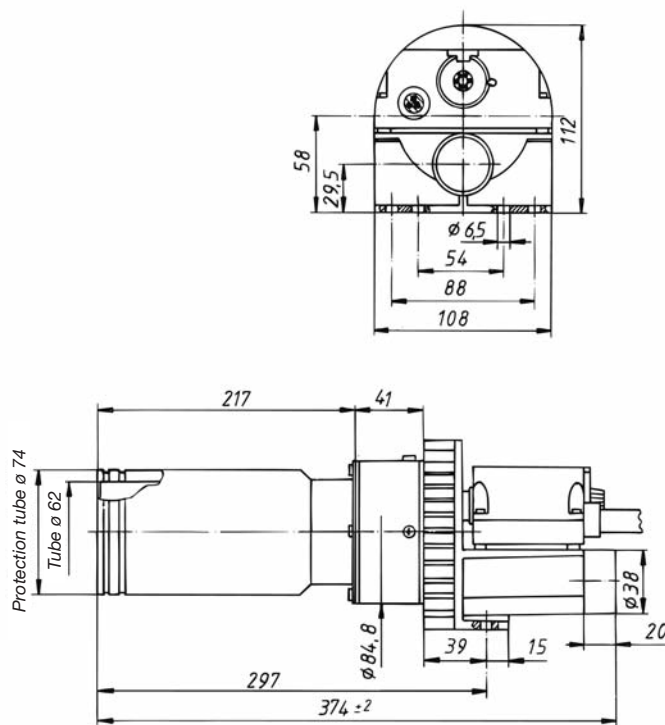
Optional power controller

DSE three-phase controller

Optional temperature regulation

DSE three-phase controller and KSR DIGITAL temperature regulator

Installation dimensions in mm



Voltage V ~	3 × 400
Power consumption W	11
Order no.	108.717

Additional versions on request

Temperature controller

KSR DIGITAL



Technical data	KSR DIGITAL
Suitable for LEISTER air heaters	LE 5000 HT
Regulation type	PID
Ready to use with preconfigured parameter set	•
Configuration with PC and programming cable (see Accessories)	
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 DSE / HT °C 111.164

Controller

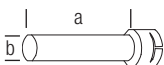
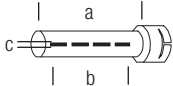
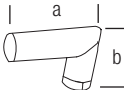
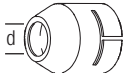
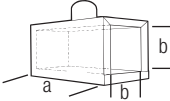
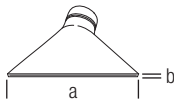
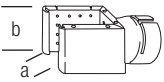
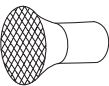
Thre-phase adjustment unit DSE



Technical data		
Three-phase adjustment unit DSE		
External power electronics module for non-electronic air heaters of series LE 5000 HT		
	Potentiometer operation	for KSR DIGITAL
Heating power steplessly adjustable with potentiometer	•	
Remote control interface for KSR DIGITAL temperature regulator or external PLC control 0 – 12 V		•
Size (L × W × H) mm	230 × 165 × 86	
Fixture hole pitch mm	150 × 150	
Mark of conformity	CE	
Protection classe II	⏚	

DSE for	KSR	Potentiometer	KSR
Power supply voltage V ~	3 × 230	3 × 400 – 440	3 × 400 – 440
Max. current A	3 × 20	3 × 20	3 × 20
Order no.	110.574	110.571	110.572

Accessories LE 5000 HT (Ø 62 mm)

125.317		Flange connector, push-fit a = 90 mm
107.247		Extension nozzle, push-fit (a x b) 200 x 40 mm
105.917 105.907 105.919 107.253 114.136 105.906		Tubular nozzle, push-fit (a x b x c) 303 x 153 x 6 mm 354 x 204 x 4.5 mm 456 x 306 x 3 mm 700 x 550 x 1.7 mm 795 x 655 x 1.5 mm 1100 x 1000 x 4 mm
107.265		Angled nozzle, push-fit (a x b) shank length 120 x 112 mm
107.245		Round nozzle, push-fit d = 40 mm
107.342 106.174 106.175		Shell reflector, push-fit (a x b) 400 x 50 mm 400 x 65 mm 400 x 80 mm
107.260 107.259 105.977 107.263 107.262 105.992 105.991		Wide slot nozzle, push-fit (a x b) 85 x 15 mm 150 x 12 mm 200 x 9 mm 250 x 12 mm 300 x 4 mm 400 x 4 mm 500 x 4 mm
106.143 107.329 107.336		Sieve reflector, push-fit (a x b) 45 x 75 mm 76 x 75 mm 110 x 152 mm
107.335		Sieve reflector, push-fit Ø 150 mm

Accessories KSR DIGITAL, DSE

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 > DSE

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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