

LHS 61: The large powerful models.

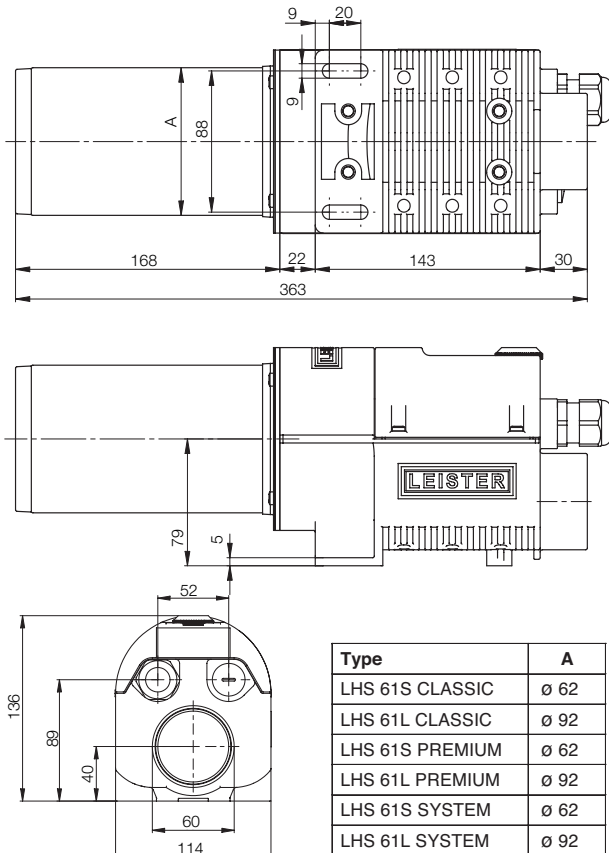
The LHS 61 series is your choice for high performance applications. The outlet diameter of 62 mm for LHS 61S versions and 92 mm for LHS 61L versions allow high air flows with up to 16 kW heating power.

Air heater

LHS 61



Installation dimensions in mm



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 at 0 °C, 101.3 kPa compliant with DIN 1343.

Blower Type	Number LHS 61S x Power consumption kW	LHS 61S x Air flow l/min	LHS 61S Temperature °C
ROBUST	2 × 4.0	2 × 500	490
ROBUST	1 × 6.0	1 × 910	410
SILENCE	2 × 4.0	2 × 620	380
SILENCE	1 × 6.0	1 × 690	500
SILENCE	2 × 4.0	2 × 620	380
SILENCE	2 × 6.0	2 × 590	510
ASO	2 × 4.0	2 × 830	310
ASO	2 × 6.0	2 × 743	430
ASO	4 × 6.0	4 × 667	470
AIRPACK	1 × 4.0	1 × 3080	120
AIRPACK	2 × 4.0	2 × 1730	170
AIRPACK	4 × 4.0	4 × 960	280
AIRPACK	1 × 6.0	1 × 2950	160
AIRPACK	2 × 6.0	2 × 1700	240
AIRPACK	4 × 6.0	4 × 970	390

Blower Type	Number LHS 61L x Power consumption kW	LHS 61L x Air flow l/min	LHS 61L Temperature °C
ROBUST	1 × 8.0	1 × 1038	500
SILENCE	2 × 8.0	2 × 1029	440
SILENCE	1 × 11.0	1 × 1220	480
SILENCE	2 × 11.0	2 × 980	560
AIRPACK	1 × 8.0	1 × 3433	190
AIRPACK	2 × 8.0	2 × 2313	310
AIRPACK	4 × 8.0	4 × 979	510
AIRPACK	1 × 11.0	1 × 3380	230
AIRPACK	2 × 11.0	2 × 1840	380
AIRPACK	4 × 11.0	4 × 1010	590
AIRPACK	1 × 16.0	1 × 3450	360
AIRPACK	2 × 16.0	2 × 1930	550
ASO	1 × 11.0	1 × 1600	390
ASO	2 × 11.0	2 × 1480	420
ASO	4 × 11.0	4 × 1160	520
ASO	1 × 16.0	1 × 1500	610

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).



Three LHS 60S air heaters with wide slot nozzles in a wrapping line.

Air heater

LHS 61 CLASSIC



Heating power not adjustable

Detection of heating element and device overheating with alarm output

Air heater

LHS 61 PREMIUM



Heating power steplessly adjustable with potentiometer

Protection against heating element and device overheating with alarm output

Air heater

LHS 61 SYSTEM



Heating power or temperature steplessly adjustable with potentiometer or remote control interface

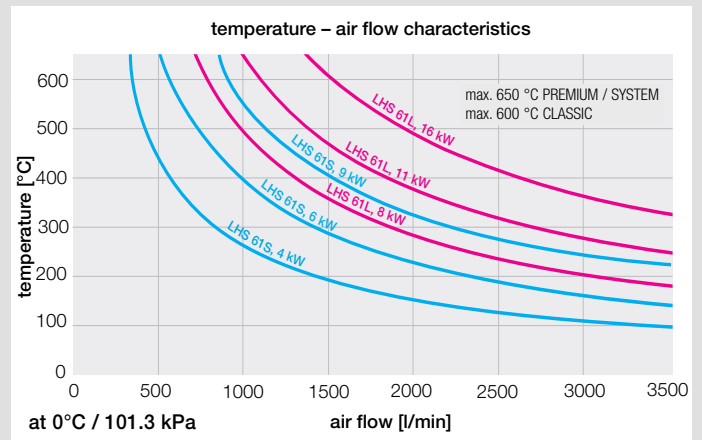
Protection against heating element and device overheating with alarm output

Remote control interface for external temperature controllers (Leister CSS, or PLC's)

Air Heaters

**Technical data
LHS 61S / 61L**

		CLASSIC	PREMIUM	SYSTEM
Max. air outlet temperature	°C	600	650	650
Min. air flow acc. to graph page 39				
Max. air inlet temperature	°C	65	65	65
Max. ambient temperature	°C	65	65	65
Weight	kg			
		61S	61S	61S
		61L	61L	61L
		3.15	3.15	3.15
		3.65	3.65	3.65
Mark of conformity		CE	CE	CE
Protection classe I		⊕	⊕	⊕



61L

Voltage	V ~	3 × 230		3 × 400		3 × 480	
Power consumption	kW	8	10	5	8		8
CLASSIC	Order no.	143.710	143.489	143.711	143.712		143.713
PREMIUM	Order no.	143.718	143.719	143.720	143.721		143.723
SYSTEM	Order no.	143.732	143.733	143.734	143.735		143.736

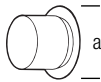
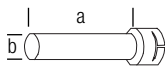

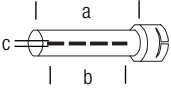

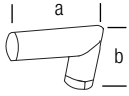


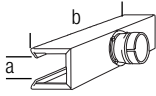
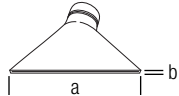
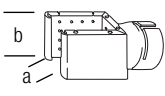
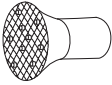


Voltage	V ~	3 × 400		3 × 480	
Power consumption	kW	11	16	11	16
CLASSIC	Order no.	143.699	143.488	143.700	143.487
PREMIUM	Order no.	143.722	143.485	143.724	143.486
SYSTEM	Order no.	142.568	143.478	143.737	143.479

61S

Voltage	V ~	3 × 230		3 × 400		3 × 480	
Power consumption	kW	4	6	4	6	9	6
CLASSIC	Order no.	143.707	143.696	143.708	143.490	143.697	143.709
PREMIUM	Order no.	143.714	143.484	143.715	143.481	143.716	143.717
SYSTEM	Order no.	143.726	143.727	143.728	142.496	143.729	143.730

➔ Accessories page 44/45

Accessories LHS 61S / LE 5000 / LE 5000 HT / VULCAN SYSTEM 6 kW (Ø 62 mm)

125.317		Flange connector, push-fit a = 90 mm			
107.247		Extension nozzle, push-fit (a × b) 200 × 45 mm		127.062	 Nozzle adapter Ø 62 mm Ø 60 mm, Length 110 mm, to connect with blow-off nozzle
105.917 105.907 105.919 107.253 114.136 105.906		Tubular nozzle, push-fit (a × b × c) 303 × 153 × 6 mm 354 × 204 × 4.5 mm 456 × 306 × 3 mm 700 × 550 × 1.7 mm 795 × 655 × 1.5 mm 1100 × 1000 × 4 mm		143.575	 Adapter plates LHS 61S instead LE 5000 > LHS 61S
107.265		Angled nozzle, push-fit (a × b) shank length 120 × 112 mm		144.030 144.028 144.026	 System Interface cable 1 m 3 m 5 m one end single wires, one end RJ45
107.245		Round nozzle, push-fit d = 40 mm			
107.342 106.174 106.175		Shell reflector, push-fit (a × b) 50 × 400 mm 65 × 400 mm 80 × 400 mm			
107.260 107.259 105.977 107.263 107.262 105.992 105.991		Wide slot nozzle, push-fit (a × b) 85 × 15 mm 150 × 12 mm 200 × 9 mm 250 × 12 mm, with sieve insert 300 × 4 mm 400 × 4 mm 500 × 4 mm			
106.143 107.329 107.336		Sieve reflector, push-fit (a × b) 45 × 75 mm 70 × 75 mm 110 × 152 mm			
107.335		Sieve reflector, push-fit Ø 150 mm			
133.517		Thermocouple holder			
144.039		Compressed air connection > LHS 61			