



From LE to LHS

How to Benefit from Leister's
New Generation of Air Heaters.

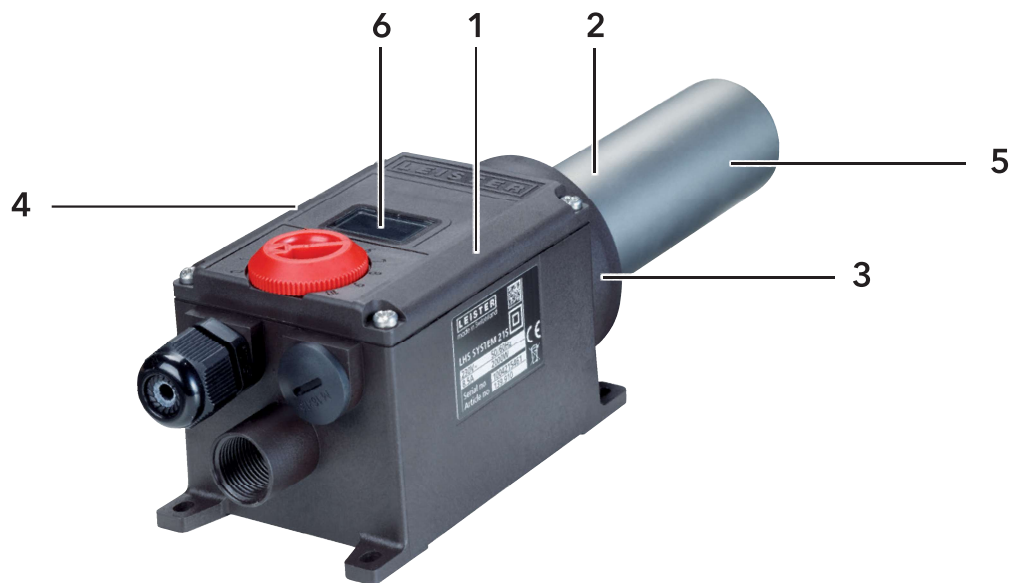
A man in a grey short-sleeved shirt and jeans stands on the left, holding a large, silver, cylindrical Leister air heater. He is smiling and looking towards a group of people seated at a long wooden conference table. Two men and one woman are visible, listening attentively. The man next to the presenter is taking notes. In the background, a whiteboard titled "TRAINING ORGANISATION" lists items with icons and durations. The table has several glasses of water, papers, and a small white container. The overall atmosphere is professional and educational.

TRAINING ORGANISATION

	8 ⁰⁰
	20 min
	15 min

leister.com **We know how.**

New LHS Air Heaters from Leister: Compact and Reliable.



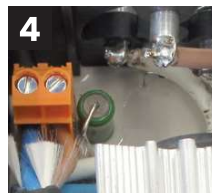
1 Compact
Small dimensions for installation in tight spaces.



2 Reliable
Innovative, patented heating element protection ensures long element life.



3 Easy maintenance
Faster and easier heating element replacement.



4 Power electronics
External power control replaced by internal power electronics.



5 Thermocouple
Improved precision and greater reproducibility thanks to integrated thermocouple in SYSTEM devices.



6 User-friendly
Digital display on SYSTEM devices provides precise information for users.

Remarks

This document is suggesting one possible upgrade path. For further upgrade options please contact your Leister Sales and Service center.

The footprint of new LHS tools may be different compared to equivalent LE tools. Review your check the installation dimensions carefully when considering upgrading. For detailed drawings or optional adapter plates ask your Sales and Service Center or visit leister.com

LHS CLASSIC

LHS PREMIUM

LHS SYSTEM



Heating power not adjustable

Heating power adjustable with potentiometer

Heating power or temperature adjustable with potentiometer or remote control interface

Detection of heating element and device overheating with alarm output

Protection against heating element and device overheating with alarm output

Protection against heating element and device overheating with alarm output

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

LE 700

101.352 230V/0.77 kW,
without electronics

116.650 220-230V/0.7-0.77 kW,
for KSR, 1 m control cable protection tube not recessed

101.351 220-230V/0.7-0.77 kW

101.354 120V/0.55 kW

LHS 15

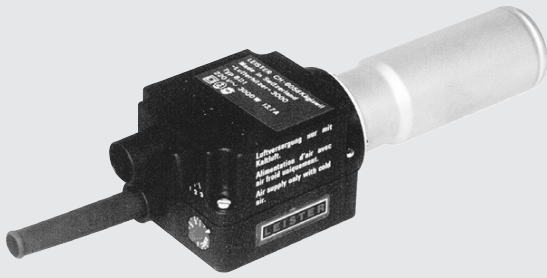
139.874 LHS 15 CLASSIC,
230V/0.77 kW

139.895 LHS 15 SYSTEM,
230V/0.77 kW

139.893 LHS 15 PREMIUM,
230V/0.77 kW

139.908 LHS 15 PREMIUM,
120V/0.55 kW





LE 3000

101.434 230V/3.3 kW,
without electronics

108.854 220-230V/3-3.3 kW,
with external potentiometer,
5 m control cable

101.382 220-230V/3-3.3 kW,
for KSR, 5 m control cable

101.426 220-230V/3-3.3 kW

101.436 100-120V/1.5-2.2 kW

LHS 21L/LHS 21S

139.872 LHS 21L CLASSIC,
230V/3.3 kW

140.461 LHS 21L SYSTEM,
230V/3.3 kW
*

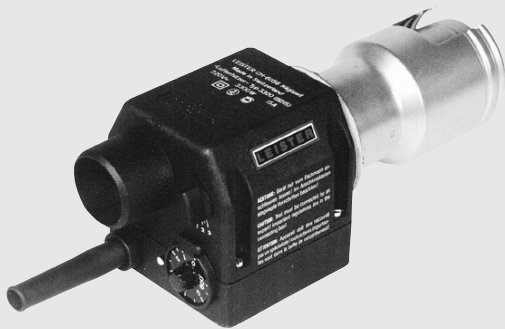
140.461 LHS 21L SYSTEM,
230V/3.3 kW

140.457 LHS 21L PREMIUM,
230V/3.3 kW

140.456 LHS 21S PREMIUM,
120V/2 kW
**

* New tool without potentiometer, external control circuit required

** 2 kW instead of 2.2 kW nominal power



LE 3300

101.810 440V/4 kW

101.809 400V/4.4 kW,
without electronics

110.872 380-400V/4-4.4 kW,
for KSR, 5 m control cable

101.806 380-400V/4-4.4 kW

101.802 230V/3.6 kW,
without electronics

101.803 230V/2.2 kW,
without electronics

101.796 220-230V/3.3-3.6 kW

108.935 220-230V/3.3-3.6 kW,
or KSR, 5 m control cable

101.801 220-230V/2-2.2 kW

101.795 100-120V/1500-2200 W

LHS 41L/LHS 41S

143.281 LHS 41L PREMIUM,
400V/2 kW
*

143.294 LHS 41L CLASSIC,
400V/4.4 kW

143.280 LHS 41L SYSTEM,
400V/4.4 kW

143.282 LHS 41L PREMIUM,
400V/4.4 kW

143.290 LHS 41S CLASSIC,
230V/3.6 kW

143.291 LHS 41S CLASSIC,
230V/2 kW
**

143.283 LHS 41S PREMIUM,
230V/3.6 kW

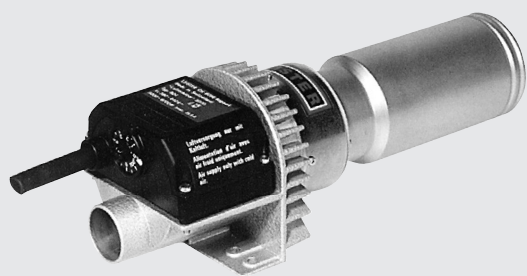
142.489 LHS 41S SYSTEM,
230V/3.6 kW
**

143.287 LHS 41S PREMIUM,
230V/2 kW
**

143.289 LHS 41S PREMIUM,
120V/2 kW
**

* 2.4 kW at 440 V instead of 4 kW nominal power

** 2 kW instead of 2.2 kW nominal power



LE 5000

102.184 480V/8 kW

102.181 440V/10 kW,
without electronics, single phased

102.180 400V/8.5 kW,
without electronics, single phased

102.173 400V/5.5 kW,
without electronics, single phased

102.174 380-440V/7.5-10 kW,
SEV approved

112.871 380-440V/7.5-10 kW,
for KSR, 5 m control cable

102.169 380-440V/5-6.5 kW,
SEV approved

102.168 3×400V/7.5 kW,
without electronics

102.160 230V/4.5 kW,
without electronics, single phased

102.156 220-230V/4-4.5 kW,
SEV approved

LHS 41L/LHS 61S

145.439 LHS 61S PREMIUM,
480V/8 kW
*

145.732 LHS 61S CLASSIC,
400V/8.5 kW
*

145.732 LHS 61S CLASSIC,
400V/8.5 kW
*

145.727 LHS 41L CLASSIC,
400V/5.5 kW
**

145.442 LHS 61S PREMIUM,
400V/8.5 kW
*

145.734 LHS 61S SYSTEM,
400V/8.5 kW
*

145.438 LHS 41L PREMIUM,
400V/5.5 kW
**

143.490 LHS 61S CLASSIC,
3×400V/6 kW
*

145.726 LHS 41L CLASSIC,
230V/4.4 kW
**

145.435 LHS 41L PREMIUM,
230V/4.4 kW
**

* Air inlet diameter 60 mm instead of 38 mm

** Outlet diameter 50 mm instead of 62 mm



LE 10000 S

110.968 3×380-440V/10-13.5 kW,
connection for KSR,
5 m control cable

102.760 3×380-440V/10-13.5 kW,
SEV approved

102.779 3×480V/16 kW,
without electronics

102.777 3×480V/16 kW

102.770 3×400V/17 kW,
without electronics

102.765 3×400V/17 kW

102.768 3×400V/11 kW,
without electronics

102.761 3×380-440V/5-7 kW

102.747 3×230V/10 kW,
SEV approved

102.753 3×230V/10 kW,
without electronics

LHS 61L

142.568 LHS 61L SYSTEM,
3×400V/11 kW

143.722 LHS 61L PREMIUM,
3×400V/11 kW

143.487 LHS 61L CLASSIC,
3×480V/16 kW

143.486 LHS 61L PREMIUM,
3×480V/16 kW

143.488 LHS 61L CLASSIC,
3×400V/16 kW

*

143.485 LHS 61L PREMIUM,
3×400V/16 kW

*

143.699 LHS 61L CLASSIC,
3×400V/11 kW

143.720 LHS 61L PREMIUM,
3×400V/5 kW

**

143.719 LHS 61L PREMIUM,
3×230V/10 kW

143.489 LHS 61L CLASSIC,
3×230V/10 kW

* 16 kW instead of 17 kW

** 5 kW instead of 6 kW at 400 V



LE 40000

100.168 3×380-440V/29-39 kW

116.471 3×200-230V/21-28 kW,
for KSR, 5 m control

100.763 3×380-440V/10-13.5 kW

110.540 3×380-440V/29-39 kW,
for KSR, 5 m control

100.761 3×220-230V/25-28 kW

100.764 3×400V/32 kW,
without electronics

100.766 3×480V/32 kW,
without electronics

LHS 91

140.356 LHS 91 SYSTEM,
3×400V/32 kW

140.357 LHS 91 SYSTEM,
3×230V/28 kW

140.358 LHS 91 SYSTEM,
3×400V/11 kW

140.356 LHS 91 SYSTEM,
3×400V/32 kW

140.357 LHS 91 SYSTEM,
3×230V/28 kW

100.764 LHS 91 BASIC,
3×400V/32 kW

100.766 LHS 91 BASIC,
3×480V/32 kW

Distributor's address:

Specifications are subject to change without prior notice.

Swiss Made Quality. Leister Technologies AG is an **ISO 9001** certified enterprise.