

**LEISTER**

PROCESS HEAT

**NEW**

## High Pressure Blower MONO

Compact with high  
performance





LHS 40S and MONO



2 x LHS 40S and MONO

## High Pressure Blower MONO

- Compact with small dimensions
- Air volume 900 l/min
- Static pressure 5000 Pa (50mbar)
- Maintenance-free, brushless motor for continuous operation
- Perfectly suited for air supply of Leister air heaters
- Integrated overheating protection
- Versatile assortment of accessories
- Simple mounting
- The bracket can be disassembled for tight spaces

### Combination possibilities

- Leister air heater at maximum heat power and without nozzle with Leister high pressure blower MONO 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.

Air heater Type	Number air heater x Power consumption kW	Air flow NI/min	Temperature °C
LHS 20S	1 x 1.0	1 x 545	176
LHS 20S	2 x 1.0	2 x 341	236
LHS 20S	4 x 1.0	4 x 200	400
LHS 20S	1 x 2.0	1 x 525	333
LHS 20S	2 x 2.0	2 x 353	450
LHS 20L	1 x 3.3	1 x 426	609
LHS 40S	1 x 2.0	1 x 750	250
LHS 40S	2 x 2.0	2 x 403	384
LHS 40S	4 x 2.0	4 x 203	609
LHS 40S	1 x 4.0	1 x 665	468
LHS 60S	1 x 4.0	1 x 702	413
LHS 60S	1 x 6.0	1 x 712	563
LHS 60L	1 x 5.0	1 x 750	483

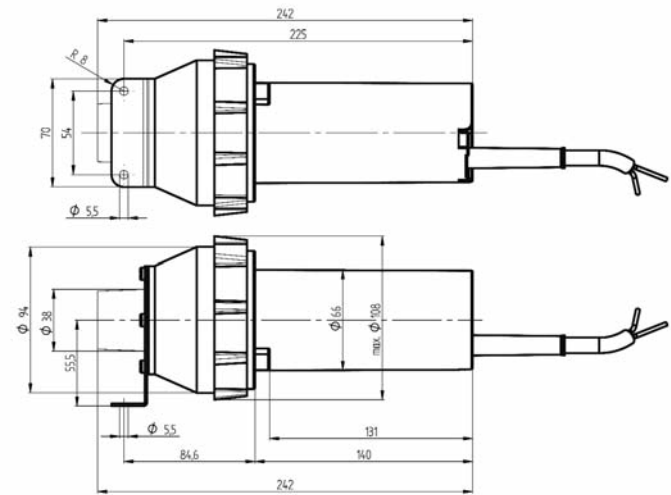
Air flow and temperature specifications may deviate from ideal values due to modification of the hot-air system (nozzles, hose length, etc.).

### Technical data

Frequency	Hz	50 / 60
Air flow (20°C)	l/min	900
Static pressure	Pa	5000
Mains switch		•
Device production		•
Ambient temperature	°C	< 60
Outside diameter air outlet	mm	∅ 38
Weight with 3 m cable	kg	1.2
Mark of conformity		CE
Protection classe II		□

Voltage	V~	230
Power consumption	W	230
Plug		Euro
Order no.		132.869

### Installation dimensions in mm



Mono/GER/02.2008/Artikel Nr. 117.736

© Copyright by Leister



### Headquarters:

Leister Process Technologies  
Galileostrasse 10  
6056 Kaegiswil/Switzerland

phone: +41 41 662 74 74  
fax: +41 41 662 74 16  
leister@leister.com

[www.leister.com](http://www.leister.com)

## New MONO compact blower

# Leister leads the way

Leister proves its strength in innovation once again with the new MONO compact blower. It supplies up to 900 litres of air per minute and generates a static pressure of 5000 Pascal (50 mbar). Amazingly, the MONO is just 26 cm long and has 9.6 cm diameter. That makes it one of the smallest and most compact blowers worldwide. With its brushless motor, it is maintenance free and therefore perfectly suited for continuous use in the industrial environment.

### Katabatic wind as the namesake

MONO is the name of a katabatic wind in California. So Leister further follows the tradition of giving its units names of winds. The maintenance free EC turbine drive was developed by Leister and produced in Switzerland. The new compact blower can be operated at an ambient temperature up to 60°C. It offers integrated excess temperature protection and is double insulated (protection class 2). The MONO is supplied with a 3 m long cable with an Euro plug.

### Ideal blower for air heaters

The MONO is especially suitable as a blower for air supply to Leister air heaters. It captivates with its variable application possibilities. Depending on application, one, two or four air heaters can be connected. Different air hoses, fittings and adapters are available to enable customer-need



*The compact MONO can be installed in the tightest of spaces due to its small construction.*

adapted installations. The MONO can be easily mounted with two screws in the supplied mounting bracket. If space is tight, the bracket can be dismantled. If the inlet air must be drawn externally, an optional air adapter is available.



*The new MONO compact blower serves as air supply for Leister air heaters. Pictured here for two LHS 40 S units*

### Versatile application

Hot air systems are used in countless applications: In shrinking processes in the packaging industry, hardening of glues, drying printing ink and tags, baking of paint layers, sterilisation of test needles or glazing of pills, dragées and sweets. Application possibilities for the new compact blower are everywhere. The MONO can also be used as a cold air blower, e.g. for cooling, aeration of aquariums or inflation of mattresses.

### System partner for complete solutions

As a system partner, Leister Process Technologies offers all necessary components like nozzles, air heaters, temperature controllers and blowers to their customers from one source. The Swiss company has a large network of more than 120 sales and service centres in over 60 countries worldwide. This guarantees consultation in line with the customer. The decade-long experience in different sectors is the basis for their success. Leister continuously invests in the development of innovative products. The new MONO compact blower is one of them.

### High-pressure blower MONO

- Compact with small dimensions
- Air volume 900 l/min
- Stat. pressure 5000 Pa (50 mbar)
- Maintenance free, brushless motor for continuous operation
- Perfectly suited as air supply for Leister air heaters
- Integrated overheating protection
- Versatile assortment of accessories
- Simple mounting
- The bracket can be disassembled for tight spaces

### Headquarters:

Leister Process Technologies  
Riedstrasse  
6060 Sarnen/Switzerland  
phone: +41 41 662 74 74  
fax: +41 41 662 74 16  
leister@leister.com