English

GHIBLI AW



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en Operating instructions (Translation of the Original User Manual)

Congratulations on your GHIBLI AW purchase.
You have chosen a first-class hot-air blower.
The GHIBLI AW was developed and produced in accordance with the latest state-of-the-art technology in the plastics-processing industry.

We recommend that you always keep the instruction manual with the device.

GHIBLI AW
Hot-air blower

You can find more information about the GHIBLI AW online at leister.com

1. Application

1.1 Power supply

Any **extension cables** must be approved for usage site and be marked accordingly. Comply with the necessary minimum conductor cross-section for extension cables, as required.

230V~ up to 10m 2 x 1.5 mm^2
120V~ up to 10m 2 x 16AWG

When using on-site **generators as a power supply**, please ensure that the generators are equipped with residual-current circuit breakers. For the nominal output of the generators, the formula "2 × nominal output of the hot-air blower" applies.

1.2 Protective clothing

We recommend that persons should wear suitable protective clothing (gloves, apron or similar) when using the device.

1.3 Intended use

This hot-air blower is suitable for welding, shrinking and shaping thermoplastics, as well as for heating up and drying thermoplastics.

1.4 Unintended use

Any other use of the GHIBLI AW or any use beyond the type of use described is deemed improper use.

2. General safety information

Warning



Danger to life
Hazardous electrical voltage. Life-threatening electric shock possible. Protect the device from moisture and wet conditions. Prior to commissioning, check the power cord, the plug, and the extension cable for electrical and mechanical damage. Pull the mains plug from the outlet before opening the device.



Incorrect use of the Hot Air Tool (eg. overheating of the material) can cause a **fire and explosion hazard,** especially near combustible materials and explosive gases. Do not apply to the same place for a long time. Heat can ignite flammable materials which are not in view.



Risk of fire and burning
Do not touch the heating tube and nozzle when they are hot. The device should always be allowed to cool down first. Never point the hot air flow at people or animals.

Caution



The **nominal voltage** specified on the device must match the **supply voltage.**



If the device is being used on construction sites, a **fault current circuit breaker** must be used to protect **site personnel.**



The tool must be operated **under supervision.**
This tool may be used by children aged 8 or above and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been given instructions on how to use the tool safely and understand the hazards involved. Do not allow children to play with the tool. Children are not allowed to clean or carry out maintenance work on the tool without supervision.

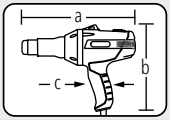


Repairs should only be carried out by **authorized service points.** Restricted to use with **original accessories and spare parts.**

3. Functions

Temperature	Input in increments of 5°C / 10°F Cold air setting (heating OFF).	📖 8 [6.2.1]
Readiness	Display of the temperature difference from the setpoint.	📖 7 [6.2]
Air volume	Selection of five increments.	📖 8 [6.2.2]
Limitation of the working range	The range is defined by the temperature and air volume. This can be used to prevent errors in the application.	📖 10[8.2.2]
e-Drive lock	Lock the controls for protection against unauthorized inputs.	📖 8 [6.2.4]
Cool down	Cool down procedure with automatic standby mode activates when the temperature of the device is close to the ambient temperature.	📖 9 [7.1]
Protection against restarting	Protection against restarting when power is restored after an interruption.	
Supply voltage	Displays the actual supply voltage.	📖 8 [6.2.3]
Voltage monitoring	Warning in the event of undervoltage.	📖 12 [9]
Monitoring the heating element	Detection of heating element failure.	📖 12 [10]

4. Technical data

	V~	230	120	100
	Hz		50 / 60	
	W	2300	1800	1500
	°C **°F**		65 – 620 150 – 1150	
	l/min (20°C) **cfm (68° F)**		140 – 250 4.95 – 8.85	
	dB (A)		67	
	m/s²		< 2.5 (K = 1.5)	
	kg **lbs**		1.18 3.16	
	**a) mm / inch**		280 / 11	
	b) mm / inch		220 / 8.7	
	c) ⌀ mm / inch		45 / 1.8	
			CE	

We reserve the right to make any technical changes.

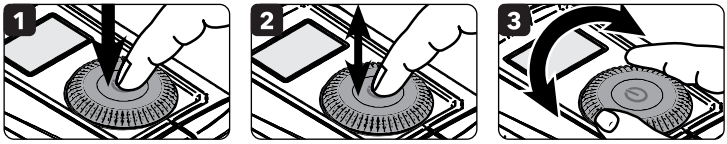
5. Your GHIBLI AW

5.1 Overview of device parts



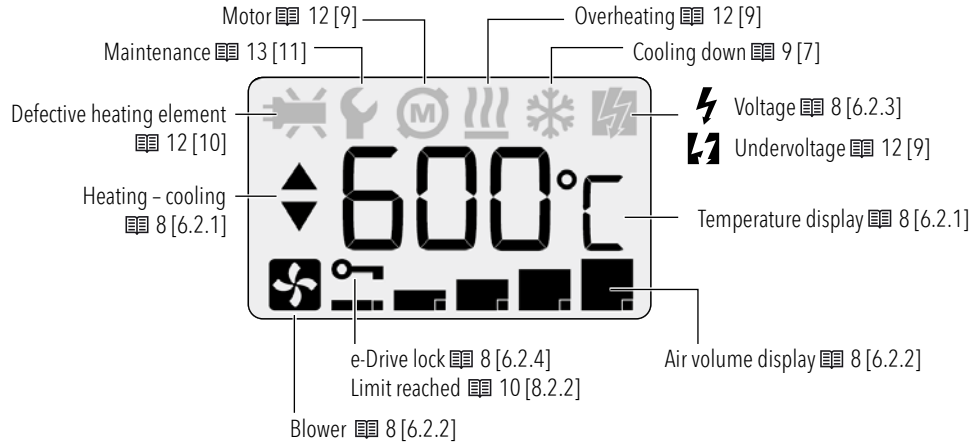
1. Heating element tube
2. Protective tube
3. Soft coating for non-slip placement
4. Display
5. Control knob (e-Drive)
6. Power supply cord
7. Air filter

5.2 Control knob (e-Drive)



long press (>1s) **short press (<1s)** **turn**

5.3 Display

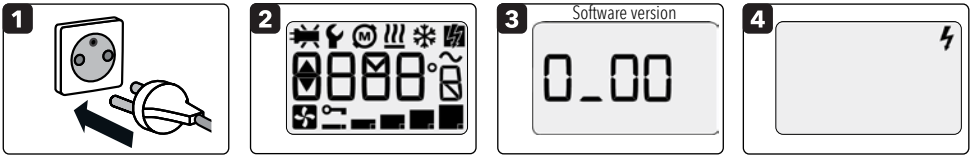


6. Commissioning

6.1 Connect the device to the power supply (standby)

Hazardous voltage: Risk of injury or death if the cable or power plug is damaged. Prior to commissioning, check the power supply cord and the power plug together with the extension cable for electrical and mechanical damage.

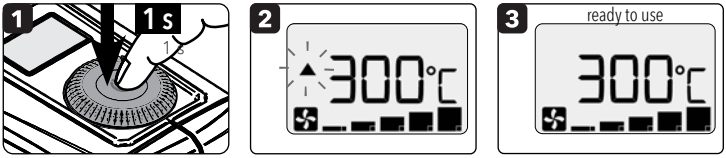
The **nominal voltage** specified on the device must match the local supply voltage.



6.2 Turning the device on (operation)

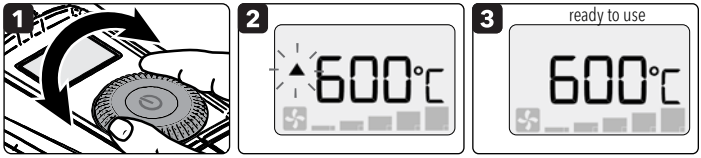
Fire hazard and burn hazard
Do not touch the heating element tube and/or nozzle when they are hot, since they pose potential threat of injuries. Do not point the hot air flow at people or animals.

A long press on the e-Drive will turn the device on. The device heats up until it reaches the setpoint from the last time it was used. Once there is no longer a difference in temperature (flashing arrow), the device is ready to use.



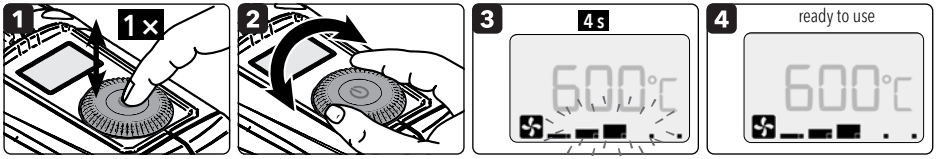
6.2.1 Setting the temperature

The setpoint for the temperature can be set directly by turning the e-Drive. Once there is no longer a difference in temperature (flashing arrow), the device is ready to use.



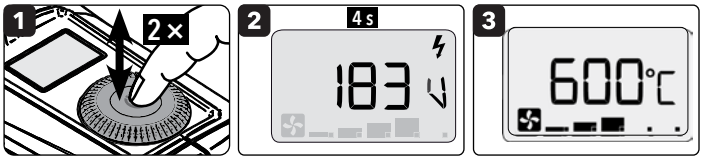
6.2.2 Setting the air volume

After a short press on the e-Drive, the air volume display starts to flash. The setpoint for the air volume can now be changed by turning the e-Drive. If no further input is performed for four seconds, the device automa- tically exits this input mode.



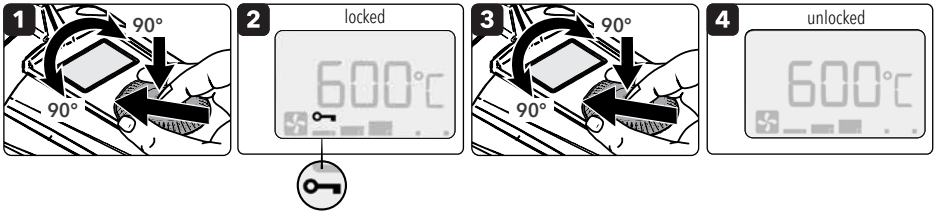
6.2.3 Checking the supply voltage

After two short presses on the e-Drive, the actual supply voltage is displayed. After four seconds, the device automatically exits this display mode.



6.2.4 Locking / unlocking the controls (e-Drive)

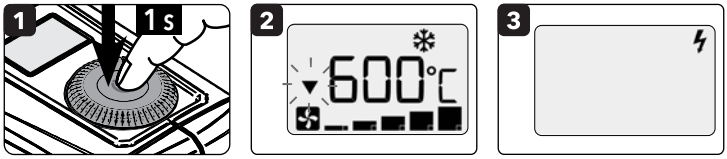
In order to prevent changes to the settings by accidentally touching the e-Drive, the e-Drive dial can be locked. Depress the control knob and turn it at least 90° (at the same time) clockwise and counter-clockwise to lock or unlock the e-Drive.



7. Decommissioning

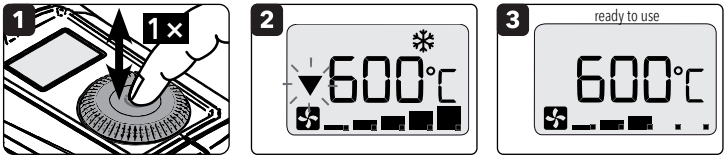
7.1 Turning the device off using the cool down function

A long press on the e-Drive, while the device is in operation, will start the cool down function.
The device turns itself off automatically when the temperature of the device is close to the ambient temperature.



7.1.1 Cancel turn down (revert to operation)

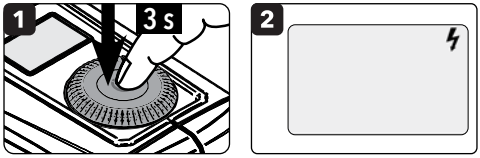
After a short press on the e-Drive while the device is cooling down, the device reverts to operation.



7.1.2 Enforced power down (continue to standby)

Fire hazard and burn hazard
Do not touch the heating element tube and nozzle when they are hot, since they pose potential threat of injuries. After use, allow the device to cool down.

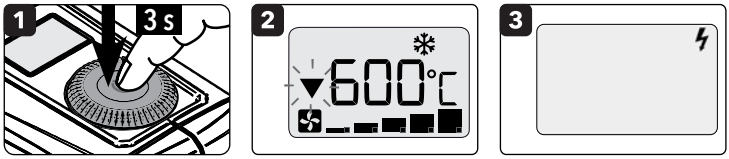
After a very long press on the e-Drive, while the device is cooling down, the device switches into standby mode (cancels the cool down function). Caution, the device may still be very hot.



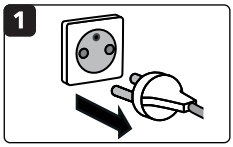
7.2 Turning the device off without the cool down function (directly into standby mode)

Fire hazard and burn hazard
Do not touch the heating element tube and nozzle when they are hot, since they pose potential threat of injuries. After use, allow the device to cool down.

After a very long press on the e-Drive whilst the device is in operation, the device switches into standby mode (after one second it starts the cool down function and performs it for two seconds). Caution, the device may still be very hot.



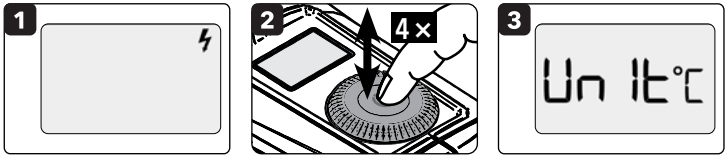
7.3 Disconnecting the device from the power supply



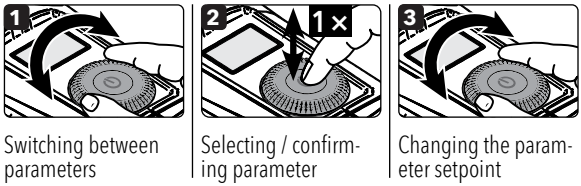
8. Configuration menu

8.1 Accessing the menu

After four short presses on the e-Drive, the menu will pop up.



8.2 Menu navigation



Switching between parameters

Selecting / confirming parameter

Changing the parameter setpoint

8.2.1 Defining the unit of temperature

Unit of temperature
°C = Celsius
°F = Fahrenheit

8.2.2 Defining the working range

Lowest available **temperature**
OFF → 620°C

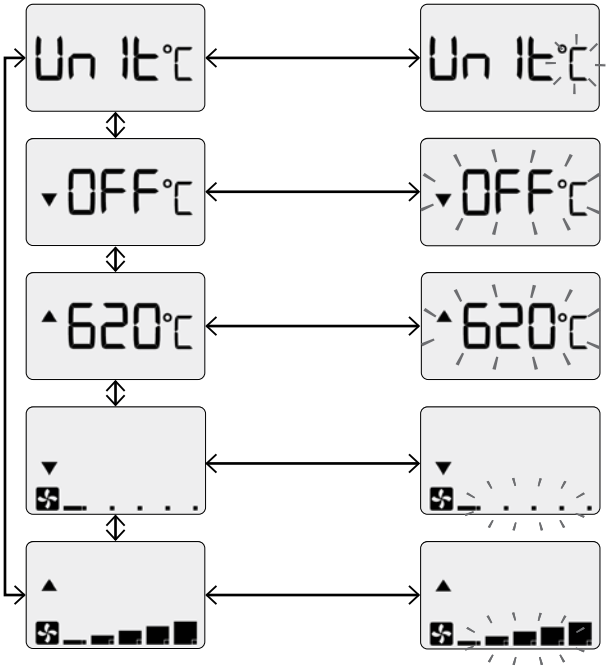
Highest available **temperature**
620°C → OFF

Lowest available **blower step**

to

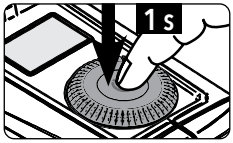
Highest available **blower step**

to

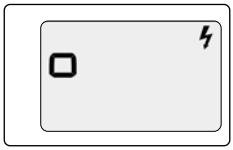


8.3 Exiting the menu

After a long press on the e-Drive, the menu will close.



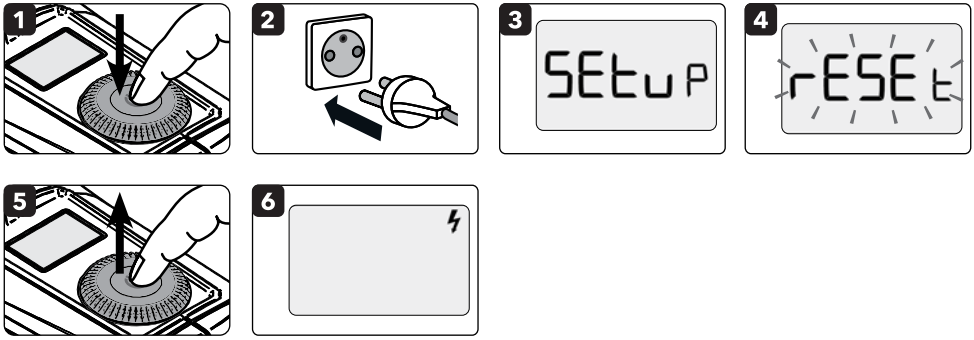
8.4 Display of a changed basic configuration



Device with a changed basic configuration

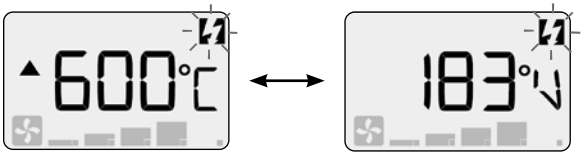
8.5 Resetting to the basic configuration (Reset)

Keep the e-Drive depressed, connect the device to the rate voltage and wait until RESET appears. The reset will be performed once the e-Drive is released.

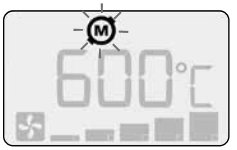


Device with a basic configuration

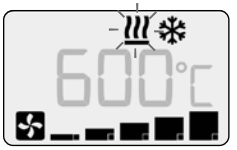
9. Warnings



Undervoltage → check the supply voltage 📖 8 [6.2.3]



About to reach the max. operating hours for the carbon brushes → Maintenance recommended. Contact your Leister service center.



Device overheated (automatic cool down → check the air flow, e.g. clean the air filter 📖 13 [11.2]), check the nozzle etc.

10. Errors and error codes



Defective heating element → Replace 📖 13 [11.1]

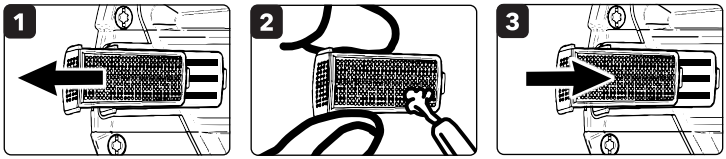


Withdraw the power plug → start the device again. If the error recurs, contact your Leister service center.

11. Maintenance and repair

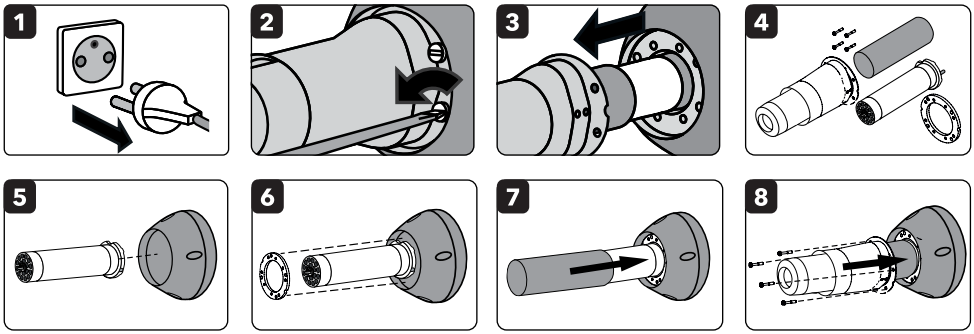
With the exception of the following instructions, repairs may be performed exclusively by Leister-service centers.

11.1 Cleaning the air filter



11.2 Changing the heating element and mica tube

Hazardous voltage: risk of injury or death when opening the device due to exposed live components and terminals. Withdraw the mains plug from the socket before opening the device.



12. Disposal



Do not dispose of electrical equipment with household refuse.
Electrical appliances, accessories and packaging should be recycled in an environmentally friendly manner. When you are disposing of our products, please observe the national and local regulations.

13. Declaration of Conformity

EU Declaration of Conformity

Leister Technologies AG, Galileo-Strasse 10, 6056 Kaegiswil, Switzerland confirms that this product in the model made available for purchase, fulfills the requirements of the following EU directives.

Directives:	2006/42/EC, 2014/30/EU, 2011/65/EU
Harmonized standards:	EN ISO 12100, EN 60335-1, EN 60335-2-45, EN 62233, EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2, EN IEC 63000

Kaegiswil, 01/25/2024

Bruno von Wyl, CTO

Pascal Bösch, VP R&D

UK Declaration of Conformity

Leister Technologies AG, Galileo-Strasse 10, 6056 Kaegiswil, Switzerland confirms that these products, in the versions as brought into circulation through us, fulfil the requirements of the following UK Statutory Instruments.

UK Statutory Instruments:	2008 No. 1597, 2016 No. 1091, 2012 No. 3032
Designated Standards:	EN ISO 12100, EN 60335-1, EN 60335-2-45, EN 62233, EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2, EN IEC 63000

Kaegiswil, 01/25/2024

Bruno von Wyl, CTO

Pascal Bösch, VP R&D

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Warranty

- The guarantee or warranty rights granted for this device by the direct distribution partner/salesperson apply from the date of purchase. In the event of a guarantee or warranty claim (verification by invoice or delivery note), manufacturing or processing errors will be rectified by the sales partner through replacement delivery or repair. Heating elements are excluded from warranty obligations or guarantees.
- Other guarantee or warranty claims are excluded within the framework of mandatory law.
- Damage resulting from natural wear, overload, or improper handling is excluded from the warranty.
- No guarantee or warranty claims exist for devices that have been converted or modified by the purchaser.

Sales and service center

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