

**ENG**

Translated from the original manual



## BLOWER AIRION E

Operating instructions

57\_183286-B  
02/2025

**READ THE USER OPERATING GUIDE CAREFULLY BEFORE USE**



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

**PELLENC**



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## 1. INTRODUCTION

Dear Customer,

Thank you for purchasing your Blower AIRION E. Properly used and maintained, this equipment will give you years of satisfaction.



### Warning

In accordance with product liability laws, we are not responsible for damage caused by our product if the product includes an accessory that is not from the manufacturer or is not approved by the manufacturer. The use of any other accessory may increase the risk of injury.



### Warning

Your device contains numerous recoverable or recyclable materials. Return it to your dealer or, failing this, to an approved servicing centre to be treated.



Comply with the regulations in force in your country as concerns environmental protection associated with your activity.



### Warning

It is imperative that you read through the ENTIRE user's manual guide before using or servicing the tool. Always comply with the instructions and illustrations in the manual.


Throughout the user's manual guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

Points marked "NOTE" indicate additional information.

Points marked "IMPORTANT" warn the user of a potential risk for the equipment.

Points marked "CAUTION" warn the user of a potentially hazardous situation which if not avoided may result in minor injuries.

Points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided may result in serious injury or death.

The warning  indicates that damage resulting from failure to comply with the procedures and instructions is not covered by the warranty and the owner will be liable for any repair costs.

Safety signs on the tool also indicate the safety precautions to be observed. Locate these signs and read them before using your machine. Any partially illegible or damaged sign should be replaced immediately.

Refer to 2.4. Safety signage, page 9 for the location diagram of the safety stickers affixed to the tool.

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## 2. SAFETY



### Caution

Read all the instructions.

Keep these instructions.

### 2.1. INTENDED USE

- The Blower AIRION E is a professional tool used exclusively for clearing green spaces by blowing (leaves, grass, paper and similar materials).
- The company PELLENC declines all responsibility for damage caused by improper usage or usage for which the tool was not intended.
- The company PELLENC declines all responsibility for damage caused by the use of spare parts or accessories that are not from PELLENC.

### 2.2. GENERAL POWER TOOL SAFETY WARNINGS



### Warning

**Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

**Save all warnings and instructions for future reference.**

*The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

#### 2.2.1. WORK AREA SAFETY

- Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks, which can ignite dust or fumes.*
- Keep children and bystanders away while operating the power tool.** *Distractions can cause you to lose control.*

#### 2.2.2. ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- Do not operate the machine in rain or wet conditions.** *Water entering the machine may increase the risk of electric shock or malfunction that could result in personal injury.*
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges, and moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*

- f. **If operating a power tool in a damp location is unavoidable, use a RESIDUAL CURRENT DEVICE (RCD) protected supply. Use of an RCD reduces the risk of electric shock.**

### 2.2.3. PERSONAL SAFETY

- a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.**
- b. **Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.**
- c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.**
- d. **Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.**
- e. **Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.**
- f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.**
- g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.**
- h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.**

### 2.2.4. POWER TOOL USE AND CARE

- a. **Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.**
- b. **Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.**
- c. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.**
- d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.**
- e. **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.**
- f. **Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.**
- g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.**
- h. **Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.**

### 2.2.5. BATTERY TOOL USE AND CARE

- a. **Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.**
- b. **Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.**
- c. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.**

- d. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.**
- e. **Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, EXPLOSION or risk of injury.**
- f. **Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C (265 °F) may cause explosion.**
- g. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.**

#### 2.2.6. SERVICE

- a. **Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.**
- b. **Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.**

#### 2.2.7. GARDEN BLOWER SAFETY WARNINGS

- a. **Do not use the machine in bad weather conditions, especially when there is a risk of lightning. This decreases the risk of being struck by lightning.**
- b. **Wear eye protection and ear protection. Adequate protective equipment will reduce the risk of personal injury.**
- c. **While operating the machine, always wear non-slip and protective footwear. Do not operate the machine when barefoot or wearing open sandals. This reduces the risk of injury to the feet.**
- d. **Do not wear loose fitting clothing or articles such as scarves, strings, chains, ties, etc., that could get drawn into the air inlets. Tie back or cover long hair to make sure it does not get drawn into the air inlets. If any of these items are drawn into the air inlets, it can increase the risk of personal injury.**
- e. **Keep bystanders away while operating the machine. Thrown debris can increase the risk of personal injury.**
- f. **Never point the blower nozzle in the direction of people or pets or in the direction of windows. Use extra caution when blowing debris near solid objects, such as trees, automobiles and walls that can cause debris to ricochet. Thrown objects can damage property and increase the risk of personal injury.**
- g. **Do not use the machine to pick up or blow anything that is burning or smoking, such as cigarettes, matches or hot ashes. These ignition sources may increase the risk of fire.**
- h. **Do not touch the fan while still in motion. Turn off the machine, wait until the fan stops and unplug the machine, before removing any part that may give access to the fan. This reduces the risk of injury from moving parts.**
- i. **When clearing jammed material or servicing the machine, make sure the power switch is off. Unexpected starting of the machine while clearing jammed material or servicing may result in serious personal injury.**

#### 2.2.8. MANAGEMENT OF THE RECYCLING AND RECOVERY OF WASTE FROM YOUR TOOL

- a. **When the tool reaches the end of its life, PELLENC keeps the end of life sheet of the equipment at disposal. The end-of-life sheet provides instructions for safely removing components.**

### 2.3. SAFETY MEASURES ASSOCIATED WITH BATTERY USE

1. If not using the battery unit, store it away from other metal objects such as paper clips, coins, keys, nails, screws or other such small metal items that might form a connection between the two terminals. Creating a short circuit between the battery terminals can result in burns or even a fire.
2. Keep the battery out of the reach of children and place it on a non-combustible support.
3. Do not interfere with its cooling cycle.
4. Do not use or leave the battery near a heat source (> 60°C).
5. Do not leave the battery in direct, strong sunlight.
6. Do not expose the battery to microwaves or high pressure.
7. Do not immerse the battery in water.

8. The batteries must be charged in a dry, ventilated room at a temperature between 10°C and 25°C maximum, away from any moisture.
9. If the battery is not used for 10 days, the battery will automatically discharge until it reaches its storage charge rate, and then goes to sleep. The battery heats up during this phase.<sup>1</sup>
10. Over time, the capacity of your battery decreases. When it reaches half of its original battery-life operating autonomy, it should be replaced.
11. The battery may lose 1 to 4 % of its capacity when exposed to a temperature higher than or equal to 55 °C for one week.
12. The charging location must be equipped with a class D fire extinguisher (for metal fire) in good working order.
13. The standards in effect must be complied with when either shipping a complete tool or a battery.
  - Complete tool with battery: product classified UN3481 class 9.
  - Battery alone: product that is classified as class 9, UN3480.
14. Use of a battery other than that provided by Pellenc SA is dangerous (risk of serious injury). If a different battery is used, Pellenc SA cannot be held responsible for any consequences.
15. The battery must be protected from any impact and must be positioned and secured appropriately during transportation.
16. In the case of suspicious smoke, place the battery outside the charging area or transportation vehicle as far away as possible from any inflammable material.
17. Never store a battery when its capacity is below 50 %. Recharge the battery before storage if the value is below 50%.
18. Under inappropriate conditions, liquid may leak from the batteries; avoid contact. In the event of accidental contact, rinse with water. In the event of contact with eyes, seek professional medical help. The liquid leaking from the batteries can cause irritations or burns.
19. Pellenc power tools must only be used with the battery units designed for the purpose. Use of other battery units can present a risk of injury and fire.
20. Recharge only with the charger specified by the manufacturer. A charger suitable for one type of battery pack may present a risk of fire if used with another type of battery pack.
21. Do not use the battery for any purpose other than that initially envisaged (exclusively for use with Pellenc tools).
22. At the end of its life, the battery must be returned to the authorized distributor from whom it was purchased to be recycled in accordance with waste regulations.
23. Fragile case, contains an electronic board and lithium.

## 2.4. SAFETY SIGNAGE



LwA sound power level guaranteed.



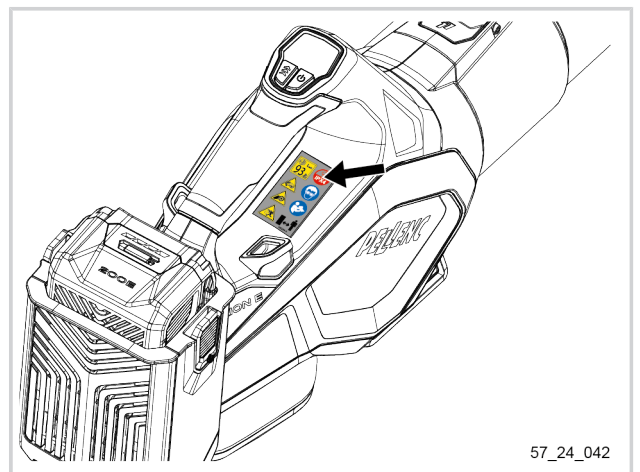
Keep hair away from the air intake screen. Risk of hair getting caught in the fan turbine.



Never put your fingers or insert objects in the air intake grille. When the intake grill is not fitted, there is a risk of contact with rotating parts - risk of injury! - risk of damaging the rotating elements.



Risk of flying debris.



<sup>1</sup>Except for Alpha Lite batteries, which are discharged directly.



IPX4 protection rating: the product is suitable for all weather conditions and is resistant to heavy water splashes. However, it is not immersion-resistant.



It is mandatory to wear safety goggles.



**Please read the operating instructions.**  
*Read the instructions carefully and follow the safety precautions.*



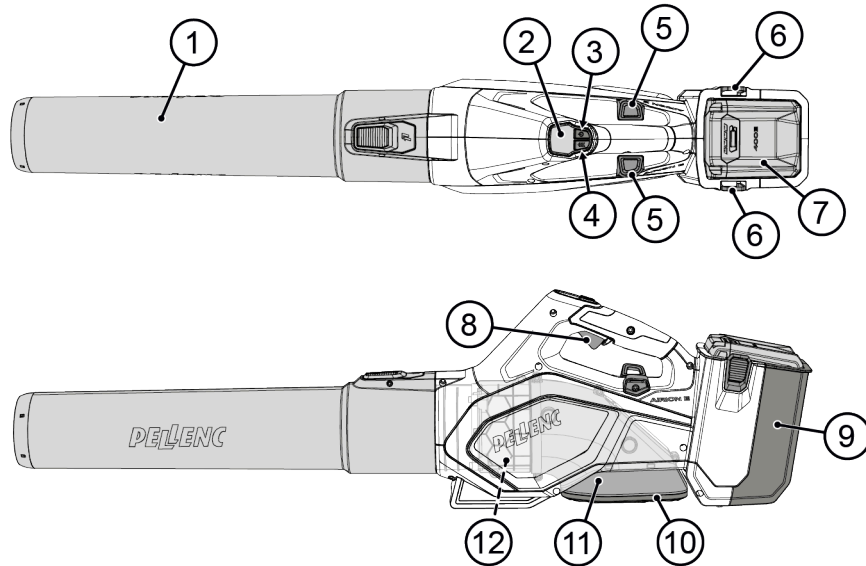
**Keep people at a safe distance.**  
*Keep a safe distance of at least 15 meters between the machine and people in the vicinity.*

## 2.5. PERSONAL PROTECTION EQUIPMENT

	Equipment	Wear
1	Safety helmet	--
2	Protective visor	Optional
3	Hard-wearing gloves	Recommended
4	Safety footwear	Optional
5	Hearing protection	Recommended
6	Protective goggles	Mandatory
7	Safety jacket or over-sleeves	--
8	Work trousers	Recommended

### 3. DESCRIPTION AND TECHNICAL FEATURES

#### 3.1. DESCRIPTION OF THE TOOL



57\_24\_005

- |                                    |                                  |
|------------------------------------|----------------------------------|
| 1. Blower nozzle                   | 7. Battery                       |
| 2. HMI                             | 8. Operating trigger             |
| 3. On/off button                   | 9. Adapter cover for the battery |
| 4. Speed and mode selection button | 10. Air intake grille            |
| 5. Hanging hooks                   | 11. Air intake elbow             |
| 6. Battery locking clip            | 12. Axial turbine                |

#### 3.2. TECHNICAL FEATURES

Features	Speed 1 (250 W)	Speed 2 (600 W)	Speed 3 (1000 W)	BOOST (1300 W)
Effective thrust* (N)	7	13	19	23
Maximum power (W)	1,300			
Power supply voltage (V)	43.2			
Weight of the tool without battery (kg)	3			
Actual weight of tool in the hand with the 200 E battery (kg)	4.5			
Dimensions (l x w x h) (mm ±5)	950 x 145 x 260			
Real air flow rate with blower nozzle (m3/h)	600	800	1,040	1,200
Battery life with the 200 E battery (mins)	42	17	112	8
Battery life with the 400 E battery (mins)	100	37	25	17

Determination of the sound pressure levels and vibration emission rates is based on the operating conditions at the nominal maximum speed.

Vibration emission value as per EN 62841-1	handle $a_h = 0.6 \text{ m/s}^2$	uncertainty $K_d = 1.5 \text{ m/s}^2$
--	-------------------------------------	--

Maximum weighted sound pressure level A (ref. 20 µPa) at the user's position	$L_{pa} = 76.3 \text{ dB (A)}$	$K_{pA} = 3 \text{ dB(A)}$
Weighted peak sound pressure level C (ref. 20 µPa) at the user's position	$L_{pC} < 130 \text{ dB(C)}$	

Symbol	Value	Unit	Reference	Remark
$L_{WA_{m}}$	91.8	dB(A)	1 pW	Measured sound power level
$L_{WA_{g}}$	93	dB(A)	1 pW	Guaranteed sound power level

The measured sound power level and the guaranteed sound power level were measured according to a procedure in accordance with Directive 2000/14/EC Annex V.

## Note

The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another.

The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

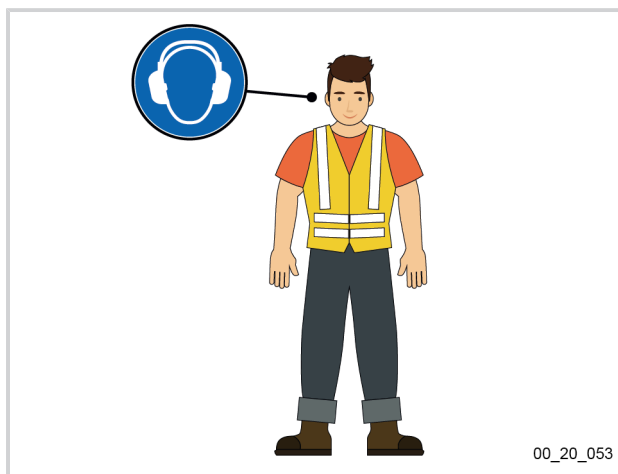


## Warning

The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed ; and of the need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

When working, wear **sound-insulated headphones** to protect yourself from the noise generated by your tool.

Hearing protection is mandatory if the noise exposure level ( $L_{WA}$ ) exceeds 85 dB(A) and/or the peak sound pressure level ( $L_{pC}$ ) exceeds 130 dB(C).



## 4. START-UP

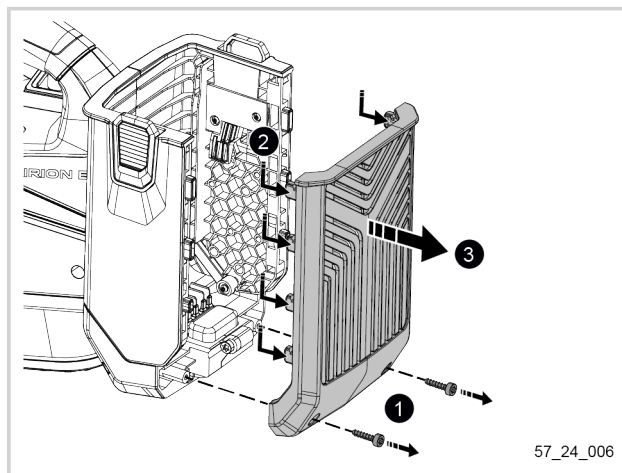
### 4.1. CONTENT OF THE BOX

Check that the tool is delivered with:

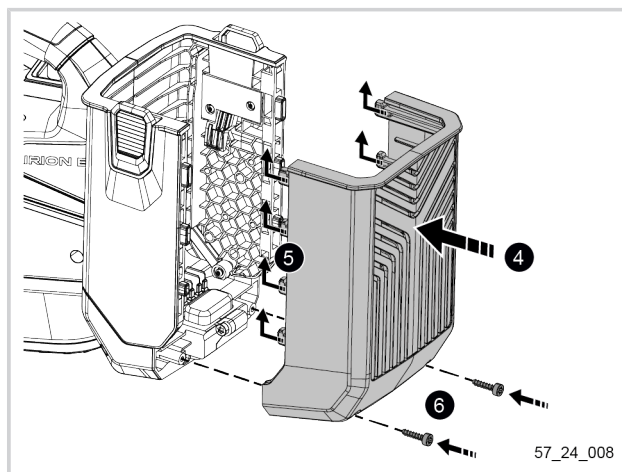
- 1 blower nozzle
- 1 adapter cover for the 400E battery
- 1 operating instruction manual

## 4.2. ASSEMBLY OF THE ADAPTER COVER FOR THE 400E BATTERY

1. Loosen and remove the two Torx screws.
2. Slide the 200E battery adapter cover downwards to release the hooks.
3. Remove the 200E battery adapter cover

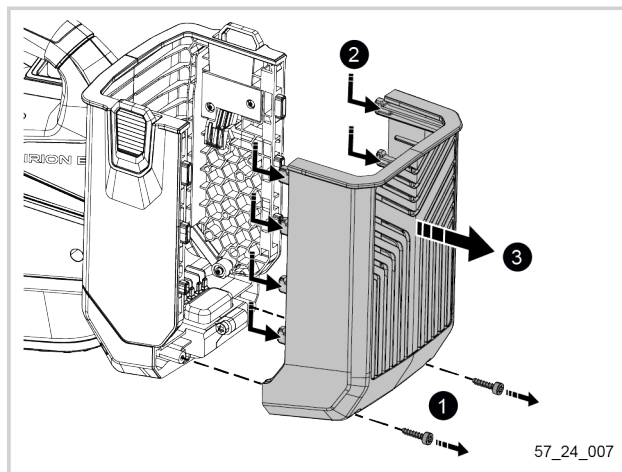


4. Position the adapter cover for the 400E battery
5. Slide the 400E battery adapter cover upwards to engage the hooks.
6. Tighten the two Torx screws to secure the 400E battery adapter cover.

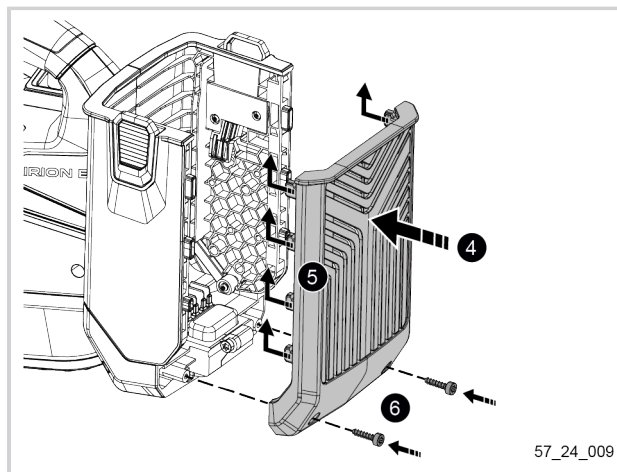


## 4.3. ASSEMBLY OF THE ADAPTER COVER FOR THE 200E BATTERY

1. Loosen and remove the two Torx screws.
2. Slide the 400E battery adapter cover downwards to release the hooks.
3. Remove the 400E battery adapter cover



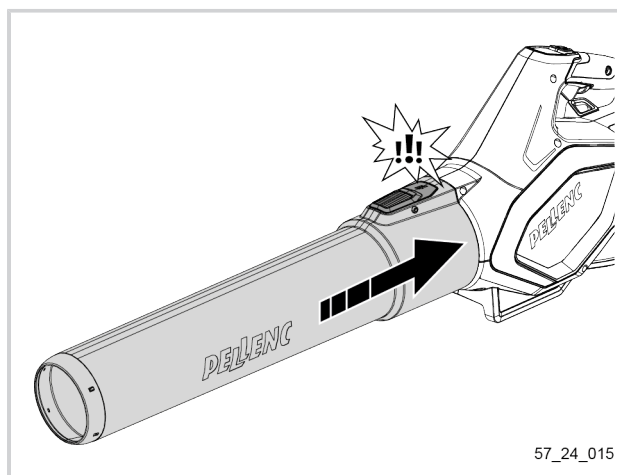
4. Position the 200E battery adapter cover
5. Slide the 200E battery adapter cover upwards to engage the hooks.
6. Tighten the two Torx screws to secure the 200E battery adapter cover.



## 4.4. ASSEMBLY/DISASSEMBLY OF THE BLOWER NOZZLE

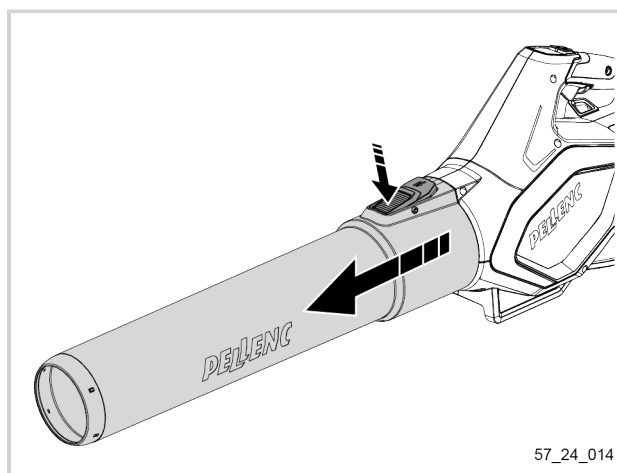
### 4.4.1. ASSEMBLY

1. Push in the blower nozzle until the locking clip snaps into place and the safety lock is closed.



### 4.4.2. DISASSEMBLY

1. Press and hold the tube's locking clip.
2. Remove the tube.



## 4.5. CONNECTING THE E BATTERIES TO THE TOOL

### Important

Always check the remaining battery life before use. If necessary, recharge the battery using the charger.

To prolong the life of the connectors, they should be protected when disconnected. It is therefore important to avoid putting them in contact with abrasive or dirty surfaces, or subjecting them to significant impacts (falls).

For more information on PELLENC batteries, see the battery operating instruction manuals.

### Important

For instructions regarding battery charging, information regarding ambient temperature range for battery use and storage, and the recommended ambient temperature range for the charging system during charge, please refer to the instructions manual of the battery.

### Important

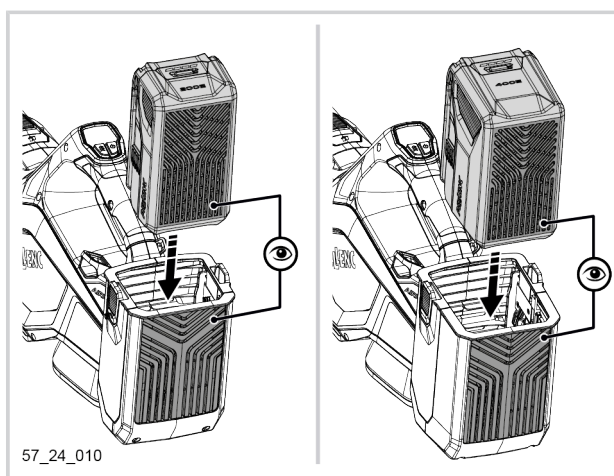
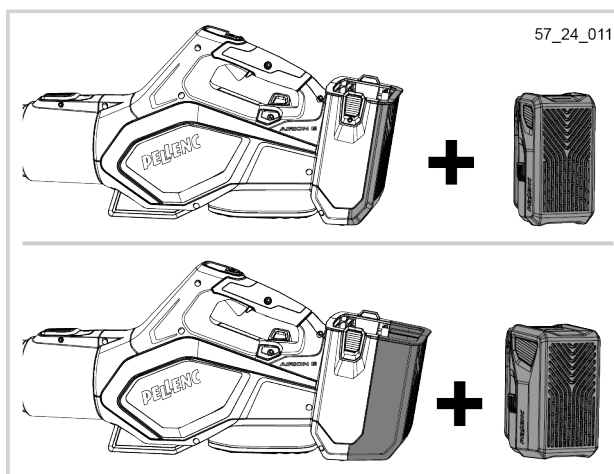
Check that there are no foreign bodies in the connection area between the tool and the battery.

1. Check that the battery adapter cover installed on the tool corresponds to the one associated with the battery to be connected.

If this is not the case, change the adapter cover.

- See 4.3. Assembly of the adapter cover for the 200E battery, page 13 to install a 200E battery.
- See 4.2. Assembly of the adapter cover for the 400E battery, page 13 to install a 400E battery.

2. Locate the battery's ventilation grille and the tool's ventilation grille.
3. Position the battery so that the two grilles coincide.

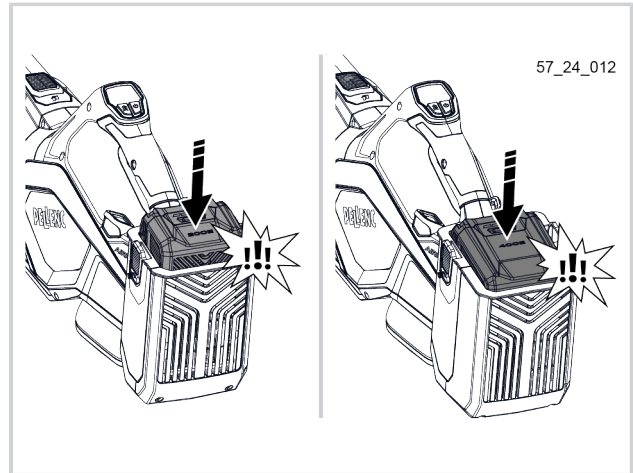


4. Install the battery until the locking clips snap into place.



### Warning

The lock prevents unintentional disconnection. Do not start the tool without checking that the clip is locked.



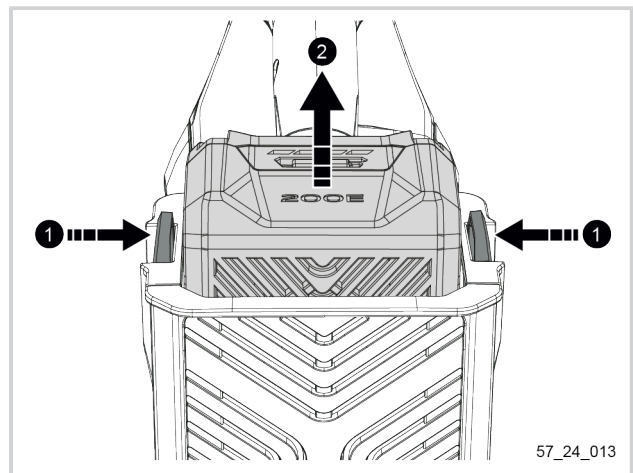
## 4.6. DISCONNECTING THE E BATTERY FROM THE TOOL

### Important

To prolong the life of the connectors, they should be protected when disconnected. It is therefore important to avoid putting them in contact with abrasive or dirty surfaces, or subjecting them to significant impacts (falls).

For more information on PELLENC batteries, see the battery operating instruction manuals.

1. Press and hold open the two battery locking clips.
2. Remove the battery.



## 5. USE

### Important

For instructions regarding battery charging, information regarding ambient temperature range for battery use and storage, and the recommended ambient temperature range for the charging system during charge, please refer to the instructions manual of the battery.

### 5.1. GETTING STARTED WITH THE TOOL

The Blower is designed to be operated with one hand. The user can carry it holding the control handle with the left or right hand.

Always walk slowly while blowing the leaves, green waste or urban rubbish from one side to another.

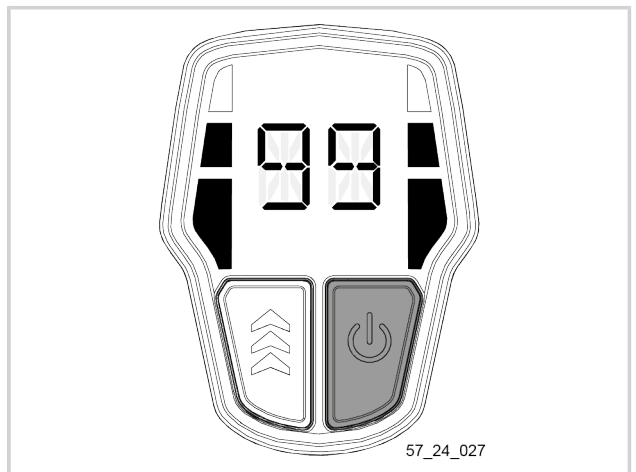
Always check the blower nozzle outlet area.

## 5.2. STARTING THE TOOL

1. Connect the battery. See 4.5. Connecting the E batteries to the tool, page 15.
2. Hold the tool in its operating position, with the blower nozzle pointing to the ground.



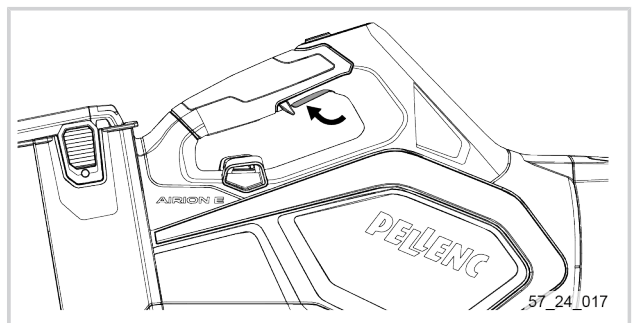
3. Switch on the tool by holding down the on/off button for over a second. The HMI comes on.



4. Press the control trigger to start the air flow.

### Note

The progressiveness of the control trigger allows precise and instantaneous control of the air flow.

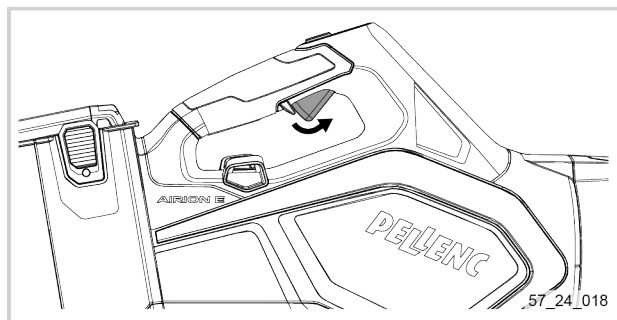


## Important

Make sure to keep a sufficient distance (30 cm minimum) between the suction mouth and any volatile source (floors, walls, ceilings, etc.), such as sand, gravel, liquids, etc. These elements are likely to be sucked in, to pass through the intake grille, to damage your equipment and to be thrown out at high speed.

### 5.3. STOPPING THE TOOL

1. Release the trigger to stop the air flow.
2. Switch off the tool by holding down the on/off button for over a second.



### Important

Make sure to keep a sufficient distance (30 cm minimum) between the suction mouth and any volatile source (floors, walls, ceilings, etc.), such as sand, gravel, liquids, etc. These elements are likely to be sucked in, to pass through the intake grille, to damage your equipment and to be thrown out at high speed.

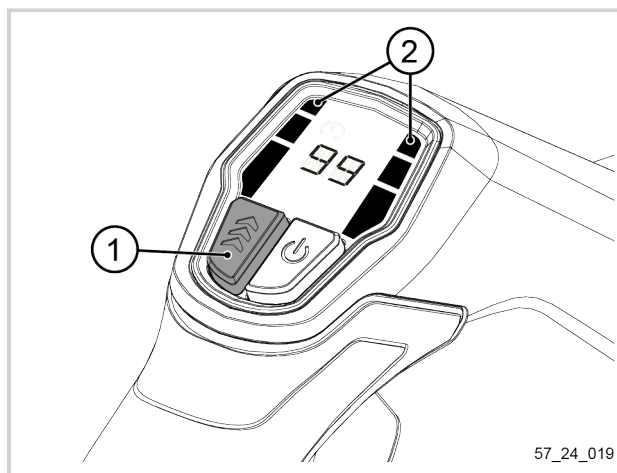
### 5.4. SPEED SELECTION

Your tool is equipped with a speed change system. This system is used to optimise and vary the air flow power using the selector (1) located on the handle.

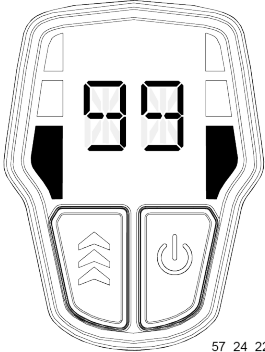
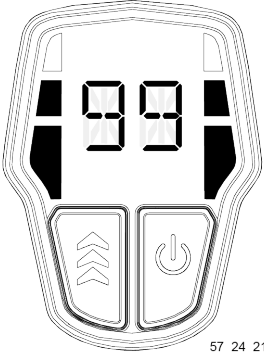
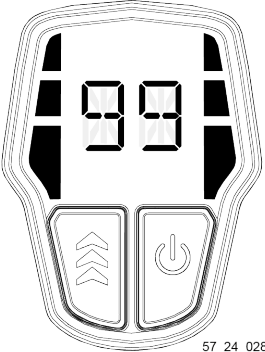
When the tool is powered up, the speed LEDs (2) indicate the selected speed.

#### To change speed:

1. Press the speed and mode selection button (1) briefly.  
The speed LEDs (2) on the HMI increment.
2. Repeat the operation until the desired speed is reached.



**Description of speeds:**

Selected speed	1	2	3
LED status	 57_24_22	 57_24_21	 57_24_028
Power (W)	250	450	1,100
Battery life with 200E battery (mins)	60	30	12
Battery life with 400E battery (mins)	120	60	30
Max air flow speed (m/s)	30	40	50
Actual flow rate (m3/h)	600	800	1,040
Effective thrust (N)	7	13	19

**5.5. ACTIVATION OF THE "BOOST" MODE**

The blower has a "BOOST" mode which gives the maximum power instantly. The speed and air flow are then at the maximum. The mode is available regardless of the speed selected.

**Important**

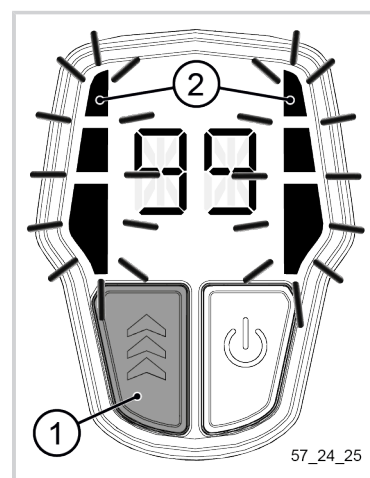
**Only use the "BOOST" mode temporarily and when needed** (stuck debris, etc.) in order to limit the blower's power consumption and to avoid overheating.

**Activate the "BOOST" mode:**

- Press and hold down (for 1 second) the speed and mode selection button (1).  
The speed LEDs (2) on the HMI flash and the boost mode is activated.

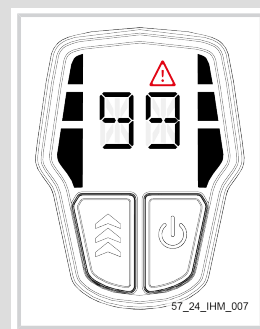
**Deactivate the "BOOST" mode:**

- Press the speed and mode selection button (1) briefly (for < 1 second).  
**or**  
Press the on/off button briefly (for < 1 second).  
The tool returns to the speed used before the BOOST mode was activated.



## Important

- If the button is not released, boost mode will continue until undervoltage occurs.
- The BOOST mode deactivates automatically after 10 seconds of use.
- When the battery is low (< 15%), the tool prevents the use of BOOST mode. The error icon appears on the HMI when the user attempts to activate BOOST mode while the battery is low.



## Description of the BOOST mode:

Power (W)	1,300
Battery life with 200E battery (mins)	8
Battery life with 400E battery (mins)	17
Max air flow speed (m/s)	60
Actual flow rate (m3/h)	1,200
Effective thrust (N)	23

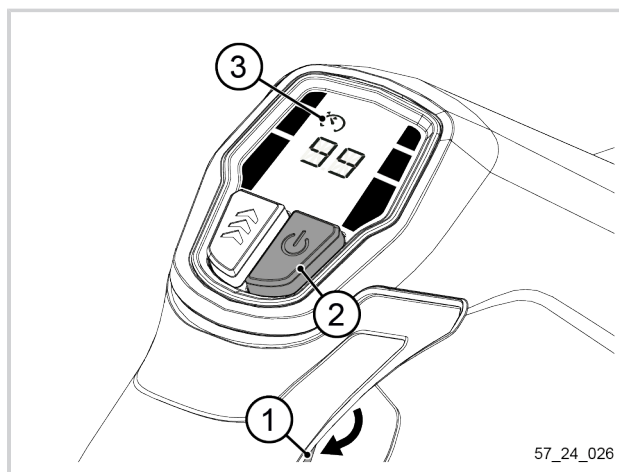
## 5.6. ACTIVATION AND DEACTIVATION OF THE CRUISE CONTROL MODE

The **Cruise Control** mode allows the Airion to be used without keeping the trigger squeezed.

Without Cruise Control mode	With Cruise Control mode
<p>57_24_020</p>	<p>57_24_021</p>

### To activate the Cruise Control mode:

1. Choose the desired speed.
2. Squeeze the trigger (1) and start blowing.
3. Keeping the trigger squeezed, briefly press the on/off button (2). An icon (3) appears to indicate that the Cruise Control mode is active.
4. Release the trigger (1).  
The blower operates without any pressure on the trigger.



## Note

When the Cruise Control mode is activated at 50% power (trigger in the intermediate position), maximum power can be temporarily accessed by keeping the trigger squeezed. As soon as the trigger is released, the tool returns to its initial configuration, i.e. 50% power with the Cruise Control mode activated.

## To deactivate the Cruise Control mode:

1. Press the speed and mode selection button (1) briefly (for < 1 second).  
or  
Briefly press the on/off button (for < 1 second).

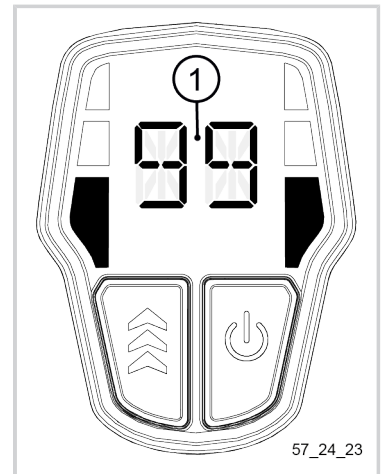
## 5.7. BATTERY LIFE READING

To find out the battery charge level, the tool has a battery life indicator (1) in the centre of the HMI.

Battery life is expressed as a percentage (%).

## Note

Battery life is updated each time the trigger is released.

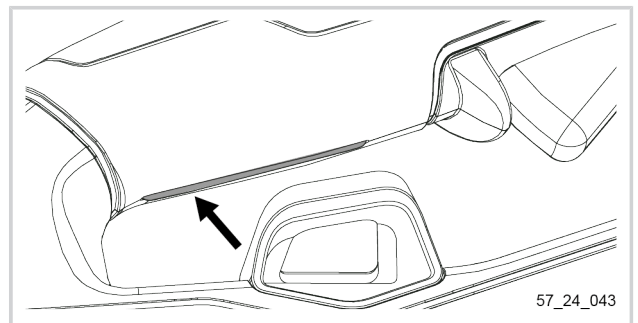


57\_24\_23

## 5.8. REDUCE STATIC ELECTRICITY DURING USE

The Blower AIRION E features an antistatic bar under the handle to reduce the build-up of electrostatic charges. When used in dry environments in particular, static electricity can build up, causing unpleasant discharges or even damage to certain nearby electronic components. The antistatic bar helps to dissipate this charge and ensure safer, more comfortable use.

When you feel static electricity when using the tool, make sure the antistatic bar is in contact with your hand so that it can discharge.

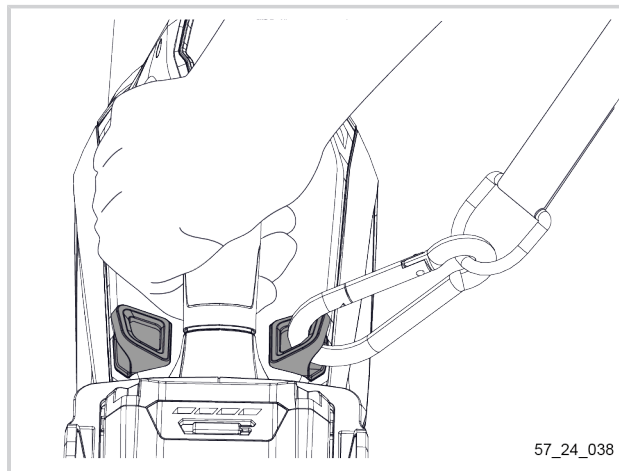


57\_24\_043

## 5.9. CARRYING

A carrying strap (optional) can be added to the tool to lighten the weight in the hand. This strap is fitted with a hook for attachment to the right or left side of the blower. Properly adjusted, it offers optimum comfort of use.

1. Wear the strap over your shoulder.
2. Pass the strap's snap hook through the hanging hook closest to your body.
3. Reduce the length of the strap until all the weight of the tool is lifted from your hand.



57\_24\_038

## 5.10. AFTER USE

1. Switch off the tool, see 5.3. Stopping the tool, page 18.
2. Disconnect the tool from the battery, see 4.6. Disconnecting the E battery from the tool, page 16.

## 6. MAINTENANCE

### 6.1. MAINTENANCE ADVICE



#### Caution

All maintenance operations must be carried out with the battery disconnected, unless otherwise specified in the procedure.

- Use products recommended by PELENC.
- In the event of any problems, consult an authorised PELENC distributor.

## 6.2. FREQUENCY OF OPERATIONS

### Maintenance schedule

Operations	Frequency of operations			
	Prior to each use	Daily <sup>1</sup>	Every year	If necessary
Visually check the general condition of the tool. See 6.3.2. Visual check of the general condition of the tool, page 23.	X	X		
Check the operation of the operating trigger. See 6.3.3. Check of the trigger, page 24.	X	X		
Clean the tool. See 6.4. Cleaning, page 24.		X		
Have the tool inspected by an authorised distributorPELLENC. See 6.3.1. Annual overhaul, page 23.			X	X
Check the battery.	Refer to the battery operating instruction manual.			

<sup>1</sup> Daily maintenance of the machine refers to daily use, after each working day.

## 6.3. CHECK

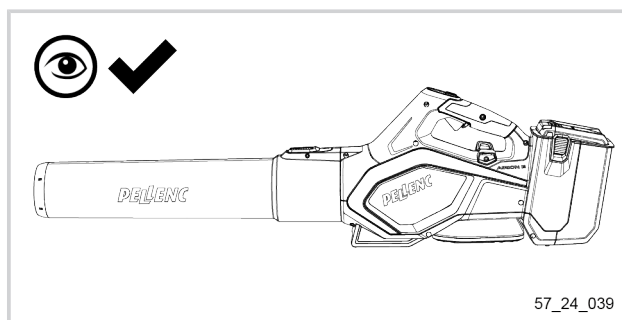
### 6.3.1. ANNUAL OVERHAUL

#### Important

🔧 Have the machine serviced every 200 hours or at least once a year by an authorisedPELLENC distributor.

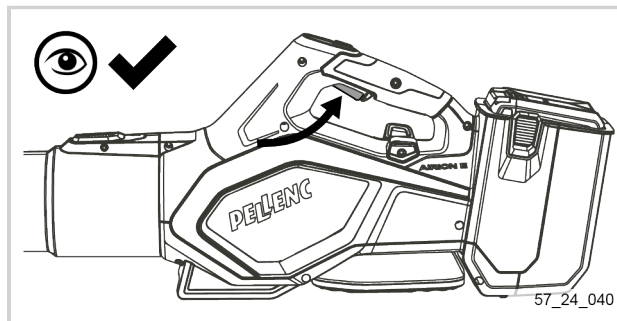
### 6.3.2. VISUAL CHECK OF THE GENERAL CONDITION OF THE TOOL

1. Visually check the general condition of the tool. If any part appears damaged, have it replaced by an authorised PELLENC distributor.
2. Check the condition of the safety sticker. If it is illegible, replace it.
3. Check the grille for clogging. Clean it if necessary.
4. Check the rotor. Clean it if necessary.
5. Check the condition of the antistatic bar. Clean it if necessary.



### 6.3.3. CHECK OF THE TRIGGER

1. Visually check the condition of the trigger.
2. Ensure that nothing physical (e.g. tape, collar, etc.) prevents or interferes with the operation of the trigger.
3. Ensure that the trigger is working properly by squeezing it.




### 6.4. CLEANING

#### Important

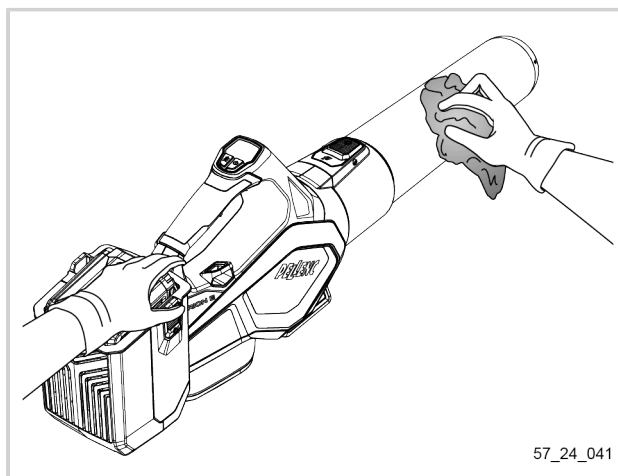
Energy consumption varies depending on the state of cleanliness of the tool.



#### Warning

 Never use solvents (Trichlorethylene, White Spirit, gasoline, etc.) to clean the tool.

1. Clean the surface of the tool with a soft, damp cloth.
2. Using an air compressor (10 bar maximum), blow out the tool, the grille and the rotor to limit clogging.
3. Check that the whole air duct (from the intake to the outlet) is unobstructed.
4. Check that the holes in the intake grille are not obstructed.

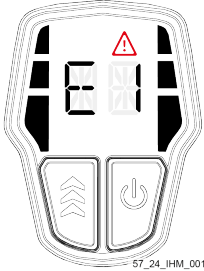
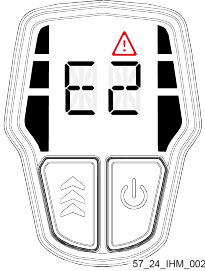
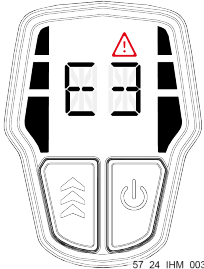
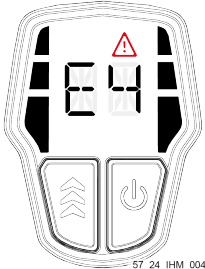
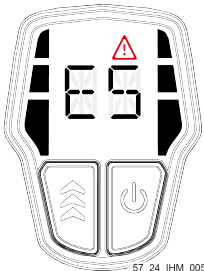
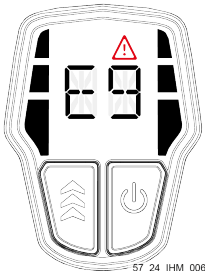
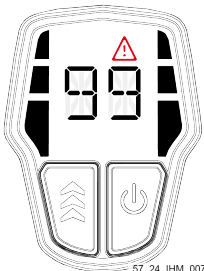


## 7. INCIDENTS AND TROUBLESHOOTING

### Important

For any problems relating to the battery, please refer to the battery operating instruction manual. **PELENC recommends contacting an authorised PELENC distributor in all cases of breakdown.**

### Error code description:

Fault	Probable cause	Fault	Probable cause
 57_24_IHM_001	Overcurrent tool	 57_24_IHM_002	Shutdown due to low battery voltage
 57_24_IHM_003	Communication problem with the battery (or battery not recognized)	 57_24_IHM_004	Shutdown due to high temperature
 57_24_IHM_005	Communication problem with the HMI	 57_24_IHM_006	Operating trigger problem
 57_24_IHM_007	High tool temperature or Low battery voltage Safety trigger operated before starting		

### Note

Most issues can be resolved by restarting the tool.

## Symptoms of the Blower AIRION E

Symptoms	Probable cause	Solutions	Repairer
<b>The tool does not start.</b>	The on/off button was not pressed hard enough to switch the tool on.	Press the on/off button until the tool starts up.	User
	The battery is not properly connected.	Check that the battery is properly connected. If necessary: remove and reinstall the battery until you hear the locking clips snap into place.	User
	The battery is flat.	Check that the battery is not fully discharged. If necessary: recharge the battery.	User
	The electronic circuit board is defective	Change the electronic circuit board.	Authorised PELLENC distributor
	The trigger no longer works.	Change the trigger.	Authorised PELLENC distributor
<b>The tool stops during use.</b>	The trigger no longer works.	Change the trigger.	Authorised PELLENC distributor
	The tool has reached its temperature limit.	Let the tool cool down for around 5 minutes.	User
	The battery is flat.	Recharge the battery (if less than 10% charged).	User
<b>The tool makes an unusual noise or vibrates abnormally.</b>	Air flow duct obstructed or blocked (intake elbow, blowing tube, nozzle, etc.)	Check the condition of the duct. If necessary, clean the duct	User
	Dirty rotor	Check the condition of the rotor. If necessary, clean the rotor.	User
	Damaged rotor	Check the condition of the rotor. If necessary: change the rotor.	Authorised PELLENC distributor
<b>Loss of efficiency of the air flow</b>	Air intake grille blocked.	Check the condition of the grille. If necessary, clean or change the grille.	User
	Dirty rotor.	Check the condition of the rotor. If necessary, clean the rotor.	User
	Damaged rotor.	Check the condition of the rotor. If necessary: change the rotor.	Authorised PELLENC distributor
<b>The tool is working, but the boost is temporarily unavailable.</b>	The tool is hot. Cooling mode in progress.	Check the condition of the grille. If necessary, clean the grille. Allow the tool to cool down.	User

## 8. STORAGE AND TRANSPORT

### 8.1. STORAGE

- Switch off the tool.  
See 5.3. Stopping the tool, page 18.
- Disconnect the battery.  
See 4.6. Disconnecting the E battery from the tool, page 16.

3. If stored at the end of the day, carry out daily maintenance operations.
4. Store the tool in a dry place out of the reach of children.
5. When storing the battery, refer to the battery's operating instruction manual.

## 8.2. PROLONGED STORAGE

### Important

Read the battery instruction manuals carefully, they contain important information regarding their use, charging, maintenance and storage.

### Important


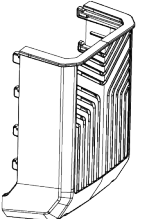
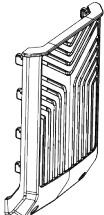
- Always store the tool clean and make sure the battery is adequately charged (refer to the battery operating instruction manual).
- The Blower AIRION E must be stored away from heat, dust and humidity at an ambient temperature of between 10°C and 35°C.
- The tool and the battery must be stored in their original packaging, in a dry place and out of the reach of children.
- For battery storage, follow the storage instructions in their instruction manual.

## 8.3. TRANSPORT

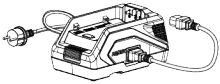
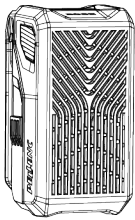

- Switch off the tool (see 5.3. Stopping the tool, page 18).
- Disconnect the battery (see 4.6. Disconnecting the E battery from the tool, page 16).
- Ensure that the tool and battery are packed and properly secured in the transport vehicle.

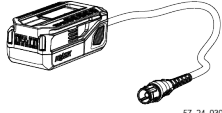
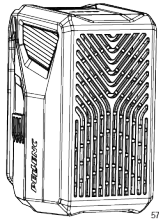
# 9. ACCESSORIES AND CONSUMABLES

## 9.1. ACCESSORIES INCLUDED

Designation	
Blower nozzle	 57_24_036
Adapter cover for 400 E battery (in the box)	 57_24_033
Adapter cover for 200 E battery (on the tool)	 57_24_034

## 9.2. OPTIONAL ACCESSORIES

Designation	
6 Ah battery charger	 57_24_037
200 E battery	 57_24_031
Carrying strap	 57_24_036

Designation	
Adapter for Pellenc backpack battery	 57_24_030
400 E battery	 57_24_032

## 10. WARRANTIES

### 10.1. GENERAL WARRANTIES

#### 10.1.1. STATUTORY WARRANTY

##### 10.1.1.1. LATENT DEFECTS WARRANTY

Apart from the commercial warranty provided for under Article II, Article 1641 of the French Civil Code states that "the seller is bound to a warranty on account of latent defects of the object sold which render it unfit for the use for which it was intended, or which would impair said use to the extent that the buyer would not have acquired it, or would only have paid a lesser price for it, had he/she known of them".

Article 1648 of the French Civil Code "The action resulting from latent defects must be brought by the purchaser within two years after the discovery of the defect."

##### 10.1.1.2. LEGAL GUARANTEE OF CONFORMITY

Article L.217-4 of the French Consumer Code "The seller delivers goods in compliance with the contract and is liable for defects of conformity existing upon delivery.

The seller is also liable for any lack of conformity resulting from the packaging, assembly or installation instructions whenever its contractual liability is engaged in this regard or the latter are carried out under its responsibility.

Article L.217-5 of the French Consumer Code "Goods are compliant with the contract":

1. If they are fit for the purpose normally expected of similar goods and, where applicable:
  - If they correspond to the description given by the seller and possess the qualities that were presented to the buyer in the form of a sample or model;

- If they possess the qualities that a buyer can reasonably expect given the public statements made by the seller, the producer or its representative, especially in advertising or labelling;
2. Or if it has the characteristics defined by mutual agreement between the parties or be suitable for any special use sought by the buyer, brought to the attention of the seller and accepted by the latter.

Article L.217-12 of the French Consumer Code "legal action resulting from lack of conformity lapses two years after delivery of the goods".

### **10.1.2. PELLENC COMMERCIAL WARRANTY**

#### **10.1.2.1. CONTENTS**

##### **10.1.2.1.1. GENERAL INFORMATION**

In addition to legal warranties, client users benefit from the commercial warranty on PELLENC products covering the exchange and replacement of parts recognised as being out of order, due to machining defects, assembly defects or material defects, whatever the cause.

The warranty forms an inseparable whole with the product sold by PELLENC.

##### **10.1.2.1.2. SPARE PARTS**

The commercial warranty also covers PELLENC original spare parts, excluding labour and to the exclusion of certain parts of each product provided at delivery.

#### **10.1.2.2. DURATION OF WARRANTY**

##### **10.1.2.2.1. GENERAL INFORMATION**

PELENC products are guaranteed under the commercial warranty as from delivery to the customer for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

##### **10.1.2.2.2. SPARE PARTS**

PELENC replacement parts replaced under the product warranty are guaranteed under the commercial warranty as from delivery of the PELLENC product to the customer user for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

In the case of products connected to a PELLENC battery, parts that are replaced under the product warranty after the 12th month of use, are covered for a period of one (1) year.

##### **10.1.2.2.3. WARRANTY EXCLUSIONS**

Products that have been subject to abnormal use, or that have been used under conditions and for purposes other than those for which they were manufactured, are excluded from the commercial warranty, especially in the case of non-compliance with the conditions stipulated in this user manual.

Nor does it apply in the event of impact, dropping, negligence, lack of supervision or maintenance or if the product has been transformed. Products that have been altered, transformed or modified by the user customer are also excluded from the warranty.

Wear parts and/or consumables are not covered by the warranty.

**10.1.2.3. IMPLEMENTATION OF THE COMMERCIAL WARRANTY****10.1.2.3.1. PRODUCT COMMISSIONING AND COMMISSIONING DECLARATION**

No later than eight days after delivery of the goods to the user customer, the DISTRIBUTOR undertakes to complete the computerised commissioning declaration form in order to activate the latter on the website [www.pellenc.com](http://www.pellenc.com), under the heading "Extranet Access" in the "Pellenc Extranet Service" menu, using the identifier previously issued by PELLENC.

Failing that, commissioning declaration will not be effective and implementation of the PELLENC commercial warranty will not occur. As a consequence thereof, the DISTRIBUTOR must ensure the financial burden of its intervention under the warranty without being able to pass on the cost to the client user.

The DISTRIBUTOR also undertakes to complete the warranty card or the certificate of warranty and commissioning for self-propelled equipment provided with the product after having the user customer sign and date it.

**10.1.3. PAID AFTER-SALES SERVICE****10.1.3.1. GENERAL INFORMATION**

Malfunctions, breakdowns, breakages resulting from misuse, negligence or improper maintenance by the user customer, as well as malfunctions resulting from the normal wear of the product, are subject to the payment of the after-sales service, even during the period of the legal and commercial warranty. After-sales service repairs that fall outside of the legal and commercial warranty also include maintenance, adjustments, diagnostics of all types, and cleaning, without the present list being exhaustive.

**10.1.3.2. WEAR PARTS AND CONSUMABLES**

Wear parts and consumables also fall within the after-sales service.

**10.1.3.3. SPARE PARTS**

Paid after-sales service also covers PELLENC original spare parts, excluding labour and outside the legal and commercial warranty period.

In case of replacement of original PELLENC spare parts in the context of after-sales service, said latter are covered by a warranty of one year as from the installation date.

## 11. STATEMENTS OF COMPLIANCE

## 11.1. EC STATEMENTS OF COMPLIANCE

MANUFACTURER / PERSON AUTHORISED TO COMPILE THE TECHNICAL FILE	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine designated below:

GENERIC DENOMINATION	BLOWER		
FUNCTION	MAINTENANCE WORK IN GREEN SPACES AND ON PUBLIC ROADS		
COMMERCIAL NAME	AIRION E		
TYPE	BLOWER		
MODEL	AIRION E		
SERIAL NO.	57Y00001 - 57Y49999	57Z00001 - 57Z49999	57A00001 - 57A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above complies with the relevant Union harmonisation legislation:

- Directive 2006/42/EC
  - EN 62841-1 : 2015 + A11 : 2022
  - EN IEC 62841-4-6 : 2024 + A11 : 2024
- Directive 2011/65/EU
- Directive 2014/30/EU
  - EN 55014-1 : 2021
  - EN 55014-2 : 2021
- Regulation (REACH) No 1907/2006

## Sound level at the maximum operating rating

MODEL	AIRION E
Measured sound power according to Directive 2000/14 /EC	L <sub>WA</sub> = 91,8 dB (A)
Guaranteed sound power according to Directive 2000/14 /EC	L <sub>WA,d</sub> = 93 dB (A)

The measured sound level and the guaranteed sound power level were measured according to a procedure compliant with Directive 2000/14/EC Annex V.

Signed for and on behalf of:

Simon BARBEAU

CEO



PERTUIS, date: 2025.1.6

## 11.2. UK DECLARATION OF CONFORMITY <sup>UK</sup>CA : AIRION E

MANUFACTURER / ENTITY AUTHORIZED TO COMPILE THE TECHNICAL FILE	PELENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine referred to below as:

GENERIC DENOMINATION	BLOWER		
FUNCTION	MAINTENANCE WORK IN GREEN SPACES AND ON PUBLIC ROADS		
COMMERCIAL NAME	AIRION E		
TYPE	BLOWER		
MODEL	AIRION E		
SERIAL NO.	57Y00001 - 57Y49999	57Z00001 - 57Z49999	57A00001 - 57A49999

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant statutory requirements:

- S.I. 2008 No. 1597 "Machinery"
  - EN 62841-1 : 2015 + A11 : 2022
  - EN IEC 62841-4-6 : 2024 + A11 : 2024
- S.I. 2012 No. 3032 RoHS
- S.I. 2016/1091 Electromagnetic Compatibility Regulations
  - EN 55014-1 : 2021
  - EN 55014-2 : 2021
- S.I. 2021 No. 904 UK REACH Regulation

### Sound level at the maximum operating rating

MODEL	AIRION E
Measured sound power	$L_{WA} = 91,8 \text{ dB (A)}$
Guaranteed sound power	$L_{wA,d} = 93 \text{ dB (A)}$

The measured sound level and the guaranteed sound power level were measured according to a procedure compliant with S.I. 2001 No. 1701 "Outdoor noise".

Signed by and on behalf of :

Simon BARBEAU  
CHIEF EXECUTIVE OFFICER



SIGNED IN PERTUIS, 2025.1.6







# ***PELENC***

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

PELENC  
Quartier Notre Dame - 84120 Pertuis (France)

