

**ENG**

Translation of the  
original user guide



## BLOWER AIRION 3

Operating instructions

57 - 147010-C  
08/2020

**READ THE USER GUIDE CAREFULLY BEFORE USE**

   #LOVEELECTRIC

**PELENC**



# TABLE OF CONTENTS

<b>1. INTRODUCTION .....</b>	<b>5</b>
<b>2. SAFETY .....</b>	<b>6</b>
<b>2.1. GENERAL POWER TOOL SAFETY WARNINGS .....</b>	<b>6</b>
2.1.1. WORK AREA SAFETY .....	6
2.1.2. ELECTRICAL SAFETY .....	6
2.1.3. PERSONAL SAFETY .....	6
2.1.4. POWER TOOL USE AND CARE .....	7
2.1.5. BATTERY TOOL USE AND CARE .....	7
2.1.6. SERVICE .....	8
2.1.7. TOOL'S END-OF-LIFE MANAGEMENT .....	8
<b>2.2. SAFETY INSTRUCTIONS FOR THE BLOWER AIRION 3 .....</b>	<b>8</b>
<b>2.3. SAFETY MEASURES ASSOCIATED WITH BATTERY USE .....</b>	<b>8</b>
<b>2.4. SAFETY SIGNAGE .....</b>	<b>9</b>
<b>2.5. PERSONAL PROTECTION EQUIPMENT (PPE) .....</b>	<b>10</b>
<b>3. DESCRIPTION AND TECHNICAL CHARACTERISTICS .....</b>	<b>11</b>
3.1. DESCRIPTION OF THE TOOL .....	11
3.2. TECHNICAL CHARACTERISTICS .....	12
<b>4. COMMISSIONING .....</b>	<b>13</b>
<b>4.1. CONTENT OF THE KIT .....</b>	<b>13</b>
<b>4.2. FITTING/REMOVING THE FLAT NOZZLE (OPTIONAL) .....</b>	<b>13</b>
4.2.1. MOUNTING .....	13
4.2.2. DISASSEMBLY .....	13
<b>4.3. ASSEMBLY / DISASSEMBLY OF THE ERGONOMIC ELBOWED NOZZLE (OPTIONAL) .....</b>	<b>14</b>
4.3.1. MOUNTING .....	14
4.3.2. DISASSEMBLY .....	14
<b>4.4. FITTING/REMOVING THE BLOWER SCRAPER (OPTIONAL) .....</b>	<b>15</b>
4.4.1. MOUNTING .....	15
4.4.2. DISASSEMBLY .....	15
<b>4.5. CONNECTING THE EXTENSION .....</b>	<b>16</b>
4.5.1. 750 / 1200 / 1500 ULIB BATTERIES .....	16
4.5.2. 260 / 520 ALPHA BATTERIES .....	17
<b>4.6. REMOVING THE EXTENSION CORD .....</b>	<b>18</b>
4.6.1. 750 / 1200 / 1500 ULIB BATTERIES .....	18
4.6.2. 260 / 520 ALPHA BATTERIES .....	18
<b>4.7. CONNECTING PELLENC BATTERIES TO THE TOOL .....</b>	<b>19</b>
<b>4.8. DISCONNECTING PELLENC BATTERIES FROM THE TOOL .....</b>	<b>20</b>
<b>5. USING THE TOOL .....</b>	<b>21</b>
<b>5.1. HOLDING THE TOOL .....</b>	<b>21</b>
<b>5.2. TURNING ON AND TURNING OFF THE BATTERY .....</b>	<b>21</b>
5.2.1. 750 / 1200 / 1500 ULIB BATTERIES .....	21

5.2.2. 260 / 520 ALPHA BATTERIES .....	21
<b>5.3. START-UP .....</b>	<b>22</b>
<b>5.4. SPEED SELECTOR .....</b>	<b>23</b>
<b>5.5. "BOOSTER" MODE .....</b>	<b>24</b>
<b>5.6. 'BATTERY LIFE READING' MODE .....</b>	<b>24</b>
<b>5.7. CARRYING (OPTIONAL) .....</b>	<b>25</b>
<b>5.8. AFTER EACH USE .....</b>	<b>25</b>
<b>6. SERVICE .....</b>	<b>26</b>
6.1. MAINTENANCE ADVICE .....	26
6.2. TOOL MAINTENANCE TABLE .....	26
6.3. CLEANING .....	26
<b>7. INCIDENTS AND TROUBLESHOOTING .....</b>	<b>28</b>
<b>8. STORAGE AND TRANSPORT .....</b>	<b>30</b>
8.1. STORAGE .....	30
8.2. TRANSPORT .....	30
<b>9. ACCESSORIES AND CONSUMABLES .....</b>	<b>31</b>
9.1. ACCESSORIES INCLUDED .....	31
9.2. OPTIONAL ACCESSORIES .....	31
<b>10. WARRANTIES .....</b>	<b>34</b>
10.1. GENERAL WARRANTIES .....	34
10.1.1. STATUTORY WARRANTY .....	34
10.1.2. COMMERCIAL WARRANTYPELLENC .....	34
10.1.3. PAID AFTER-SALES SERVICE .....	35
<b>11. EC STATEMENT OF COMPLIANCE .....</b>	<b>37</b>
11.1. "EC" DECLARATION OF CONFORMITY: AIRION 3 .....	37

## 1. INTRODUCTION

Dear Customer,

Thank you for purchasing your Blower AIRION 3. Correctly used and maintained, this tool will give a satisfactory performance for many years.



### **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 before using or servicing the tool. Always comply with the instructions and illustrations in the manual.

All through this user guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

The points marked "NOTE" indicate additional information.

The points marked "IMPORTANT" warn the user of a potential risk to the equipment.

The points marked "ATTENTION" warn the user of a potentially hazardous situation which if not avoided leads to minor injuries.

The points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided leads to 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 indications are also given on the tool; they remind you of the safety precautions to be taken. Identify and read these indications before using the tool. Immediately replace any indications that may become partially illegible or deteriorated.

Refer to ??? for the location diagram of the safety stickers affixed to the tool.

No part of this manual may be reproduced without the written permission of the company PELLENC. The illustrations given in this manual are for information purposes and are in no way contractual. The PELLENC company reserves the right to make any modification or improvement to its products as deemed necessary without informing customers already in possession of a similar model. This manual forms an integral part of the tool and must accompany the tool if it changes hands.

## 2. SAFETY

### 2.1. 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.

#### **Note**

**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.

#### 2.1.1. WORK AREA SAFETY

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

#### 2.1.2. ELECTRICAL SAFETY

1. **The power tool connector must be adapted to the socket. Never modify the connector in any way whatsoever. Do not use adapter plugs with earthed (grounded) power tools.** Unmodified plugs and suitable sockets reduce the risk of electric shock.
2. **Avoid contact with earthed surfaces such as pipes, radiators, cookers, and refrigerators.** There is an increased risk of electric shock if your body is in direct contact with the ground.
3. **Do not expose power tools to rain or damp conditions.** The entry of water into a power tool increases the risk of electric shock.
4. **Do not mishandle the power 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.
5. **Use an extension cord suitable for outdoor use when operating power tools outdoors.** Use a cord suitable for outdoors to reduce the risk of electric shock.
6. **Use a power supply protected by a residual current device (RCD) when the power tool is operated in a damp location.** Use of an RCD reduces the risk of electric shock.

#### **Note**

The term "Residual Current Device" (RCD) can be replaced by "Ground Fault Circuit Interrupter" (GFCI) or "Earth Leakage Circuit Breaker" (ELCB).

#### 2.1.3. PERSONAL SAFETY

1. **Stay alert, watch what you are doing, and use common sense when operating the 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 when using a power tool can result in serious personal injury.

2. **Use personal protective equipment. Always wear eye protection.** Safety equipment such as dust masks, non-slip safety shoes, helmets, or ear protection used at the appropriate times reduces injuries.
3. **Avoid accidental starting of the tool. Make sure the switch is in the off position before you connect the tool to the power source and/or battery pack, pick it up, or carry it.** Carrying a power tool with your finger on the switch or connecting a power tool with the switch in the 'on' position can cause accidents.
4. **Remove any adjusting wrench before switching the electric tool on.** A wrench left attached to a rotating part can cause injury.
5. **Do not rush. Keep proper footing and balance at all times.** This provides better control of the power tool in unexpected situations.
6. **Dress appropriately. Do not wear loose clothing or jewellery. Keep hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can get caught in moving parts.
7. **If devices are provided for connecting dust extraction and collection equipment, ensure that these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
8. **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.

#### 2.1.4. POWER TOOL USE AND CARE

1. **Do not force the power tool. Use the power tool suited for the job.** The adapted power tool does the work better and more safely at the speed it was built to operate at.
2. **Do not use the power tool if the switch does not allow it to be switched on and off.** Power tools that cannot be controlled by a switch are dangerous and must be repaired.
3. **Unplug the tool from the socket or remove the battery (if possible) before any adjustment, change of accessory or storage.** These preventive safety measures reduce the risk of accidentally starting the power tool.
4. **When not in use, keep power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate it.** Power tools are dangerous when operated by inexperienced users.
5. **Maintenance of the power tool and its accessories is mandatory. Check that the moving parts are not out of alignment or jammed, that there are no broken parts or that there is no other condition which could affect the operation of the power tool. If damaged, repair the power tool before using it.** Many accidents are due to poorly maintained power tools.
6. **Keep the cutting elements sharp and clean.** Properly maintained cutting tools with sharp cutting elements are less likely to jam and are easier to control.
7. **Use the power tool, accessories, blades, etc. in accordance with these instructions, taking into account the working conditions and the work to be done.** Use of the power tool for operations different from those intended could result in a hazardous situation.
8. **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.

#### 2.1.5. BATTERY TOOL USE AND CARE

1. **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.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
3. **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.
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, wash away with water. If liquid contacts eyes, seek additional medical help.** Liquid ejected from the battery may cause irritation or burns.
5. **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.
6. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.

### **Note**

The temperature “130°C” can be replaced by the temperature “265°F”.

7. **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.

#### **2.1.6. SERVICE**

1. **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.
2. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

#### **2.1.7. TOOL'S END-OF-LIFE MANAGEMENT**

1. **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.

### **2.2. SAFETY INSTRUCTIONS FOR THE BLOWER AIRION 3**

1. Do not misuse the power cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the power lead away from heat, lubricant, sharp edges or moving parts.
2. Never modify the connector in any way whatsoever.
3. Use personal safety equipment. Always wear eye protection.
4. The dust raised during operation can be harmful to health. In case of liberation of dust, wear a dust mask.
5. Comply with tool servicing instructions. Check that the moving parts are not misaligned or jammed, that there are no broken parts or that there is no other condition which could affect the operation of the tool. In the event of damage, have the tool repaired before using it.
6. Inspect the work area prior to starting. Remove all debris and hard object such as stones, glass, wires, etc. which could fly and cause serious injuries or damage when the blower is in use.
7. Use the blower to blow out grass, straw or leaf waste, urban garbage.
8. Never blow towards people or animals - the blower can lift up small objects and throw them out at high speed - risk of injury.
9. While using the blower, be careful not to endanger small animals.
10. Stop the blower, turn off the battery, disconnect the power cord and wait for the rotor to stop before opening the air intake grille: risk of serious injuries (moving part).
11. Do not obstruct, part or all of the air intake.
12. Ensure air intake grille is properly maintained.
13. Inspect the blower before each use, check that the parts are not worn, loose, damaged or missing. Do not use the blower if it is not in perfect condition.
14. To avoid fire spreading, do not use the blower near wood fires or barbecues, etc.
15. Do not draw up solids or liquids through the intake duct - risk of damaging rotating components and intake grille.

### **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 lead to burns or cause 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. It will heat up during this phase.
10. Over time, the capacity of your battery reduces. When it reaches half of its original battery-life operating time, 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 fires) in good working order.
13. The standards in effect must be complied with when either shipping a complete tool or a battery.
  - A complete tool with a battery is a product that is classified as class 9, UN3481.
  - 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. In inappropriate conditions, a liquid can flow batteries; avoid contact with it. 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. Only recharge using the charger indicated by the manufacturer. A charger adapted to one type of battery unit may present a fire risk if used with a different battery unit.
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.



Read the user guide.



It is mandatory to wear safety goggles.



The tool's IP54-standard sealing (protection against dust and water splashes from all directions) does not apply to the battery.



Nobody must stand within 5 m (16ft) of the tool in operation.



Never put your fingers or insert objects into the air intake grill. 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.

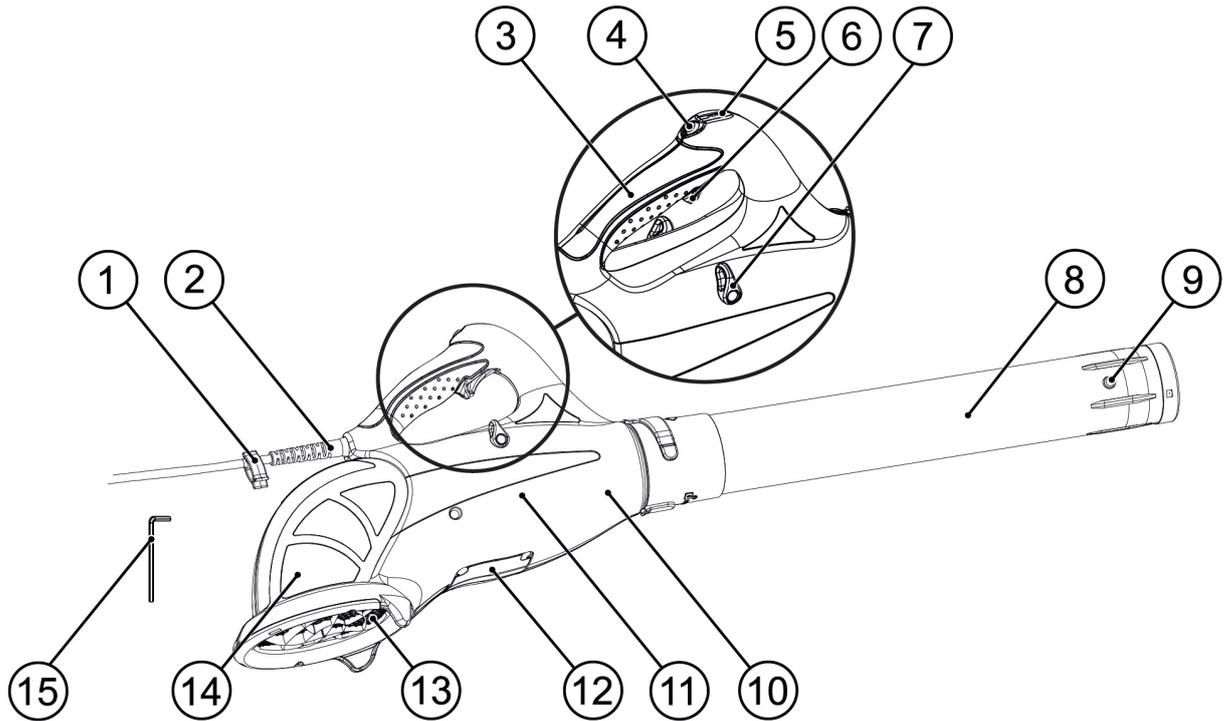


## 2.5. PERSONAL PROTECTION EQUIPMENT (PPE)

	Equipment	Wear
	1 Safety helmet	--
	2 Protective visor	Optional
	3 Protective gloves	Recommended
	4 Safety footwear	Optional
	5 Ear protection	Recommended
	6 Protective goggles	Required
	7 Jacket or over-sleeves	--
	8 Work trousers	Recommended

**3. DESCRIPTION AND TECHNICAL CHARACTERISTICS**

**3.1. DESCRIPTION OF THE TOOL**



**Blower AIRION 3**

- 1. Holding clips for the power cord
- 2. Tool power cord
- 3. Control handle
- 4. Speed / mode selection button
- 5. Power and speed indicator lights
- 6. Gradual control trigger
- 7. Hanging hook (x 2)

- 8. Standard blower nozzle dia. 75mm
- 9. Stud
- 10. Protective casing
- 11. Axial turbine
- 12. Electronic maintenance hatch
- 13. Air intake grille
- 14. Air Inlet
- 15. Allen wrench

57\_20\_054

**3.2. TECHNICAL CHARACTERISTICS**

Effective thrust* - N	17.5 (boost)/13.5 (speed 4)
Max power (W)	940
Power supply voltage (V)	43.2
Weight of the tool with cable (kg)	2.7
Weight of the tool without the cable (kg)	2.45
Actual weight of the tool in use (kg)	2.55
Dimensions (l x w x h) (mm)	1022 x 232 x 318
Real air flow rate from the standard blower nozzle with a diameter of 75 mm* (m3/h)	920 (boost)/815 (speed 4)
Maximum air speed with the standard blower nozzle, with a diameter of 75 mm (m/s)	63
Maximum air speed the blower nozzle with a diameter of 65mm (m/s)	69
Maximum airflow speed with nozzle plate (m/s)	69
Maximum airflow speed with the ergonomic elbow nozzle (m/s)	64
Sound pressure level at 15 metres* dB(A)	< 65
Battery life** with Alpha 260	Up to 1 hour and 30 minutes
Battery life** with Alpha 520	Up to 3 hours
Battery life** with ULiB 750	Brush cutter Up to 5 hours
Battery life** with ULiB 1200	Up to 8 hours
Battery life** with ULiB 1500	Up to 10 hours

\* Values determined according to ANSI/OPEI B175.2-2012

\*\* For information: the times were observed in actual working time, without taking breaks into consideration. Battery life is influenced by the nature of the work carried out.

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

Vibration emission value as per EN 60745-1:2009	handle	uncertainty
	$a_h = 0.25 \text{ m/s}^2$	$K_d = 1.5 \text{ m/s}^2$

Maximum weighted sound pressure level A (ref. 20 µPa) at the user's position	$L_{pA} = 79 \text{ dB(A)}$	$K = 2.5 \text{ dB(A)}$
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
$L_{WA_m}$	90	dB(A)	1 pW	Measured sound power level
$L_{WA_g}$	92	dB(A)	1 pW	Guaranteed sound power level

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

## 4. COMMISSIONING

### 4.1. CONTENT OF THE KIT

Check that the box contains:

- **A** delivered with:
  - 1 standard blower nozzle, diameter: 75mm (8)
  - 1 Allen wrench (15)
  - 1 user guide
  - 1 warranty notice

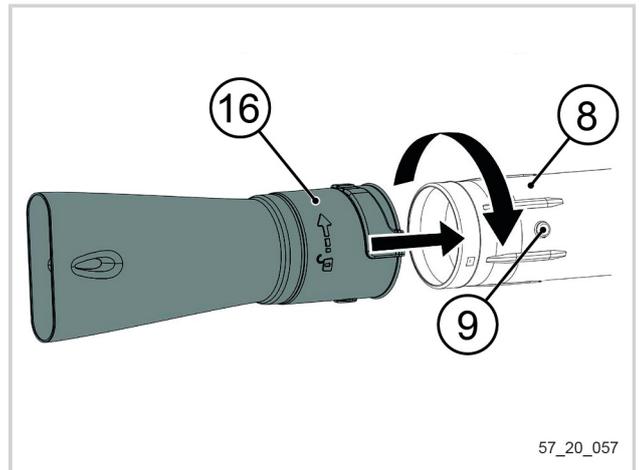
### 4.2. FITTING/REMOVING THE FLAT NOZZLE (OPTIONAL)

#### 4.2.1. MOUNTING

1. Fit the flat nozzle (16) onto the end of the outlet nozzle (8) up to the stud (9).
2. Make a quarter turn in the direction shown (4) to lock the flat nozzle.

#### Note

The flat nozzle can only be fitted on the standard outlet nozzle with a diameter of 75mm, see Section 9, "Accessories and consumables".



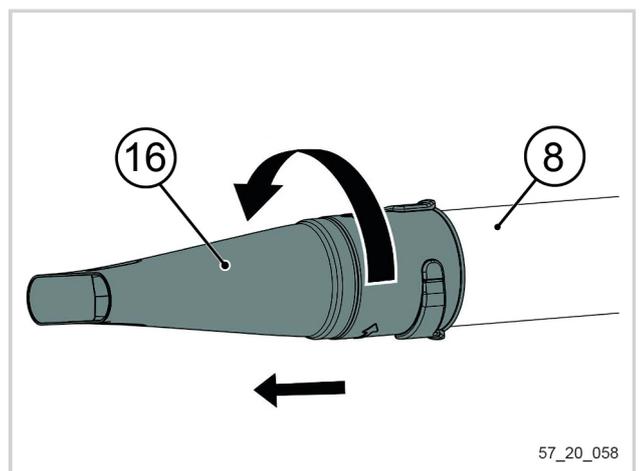
57\_20\_057

#### 4.2.2. DISASSEMBLY

1. Make a quarter turn in the direction shown to unlock the nozzle plate (16).
2. Remove the flat nozzle from the outlet blowing nozzle (8).

#### Note

There is hole on the flat nozzle so that it can be hooked on the snap hook accessory carrier, see Section 9, "Accessories and consumables".

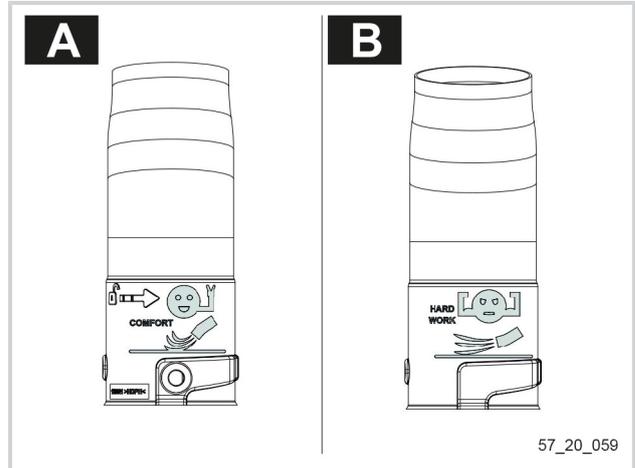


57\_20\_058

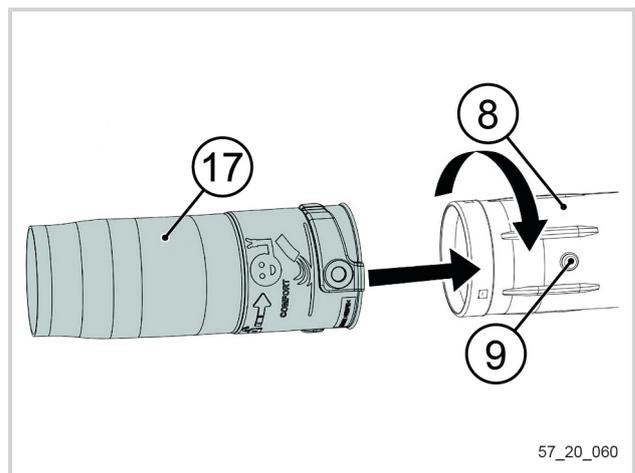
**4.3. ASSEMBLY / DISASSEMBLY OF THE ERGONOMIC ELBOWED NOZZLE (OPTIONAL)**

**4.3.1. MOUNTING**

1. Choose the working position for the ergonomic el-  
bowed nozzle according to the blowing work to be  
performed:
  - Detail A: 'COMFORT' position.
  - Detail B: 'HARD WORK' position.



2. Fit the ergonomic elbowed nozzle (17) onto the end  
of the outlet blowing nozzle (8) as far as the stud (9).
3. Make a quarter turn in the direction shown to lock  
the ergonomic elbowed nozzle (17).



**Note**

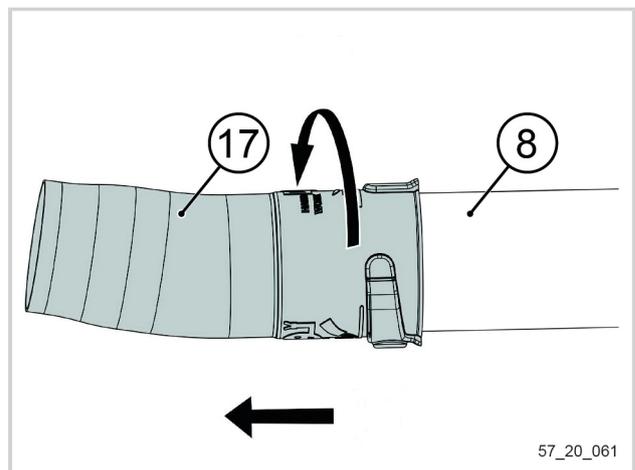
The ergonomic elbowed nozzle can only be fitted on the standard outlet nozzle with a diameter of 75mm, see Section 9, "Accessories and consumables".

**4.3.2. DISASSEMBLY**

1. Make a quarter turn in the direction shown to unlock  
the ergonomic elbowed nozzle (17) .
2. Remove the ergonomic elbowed nozzle (17) from  
the outlet blowing nozzle (8).

**Note**

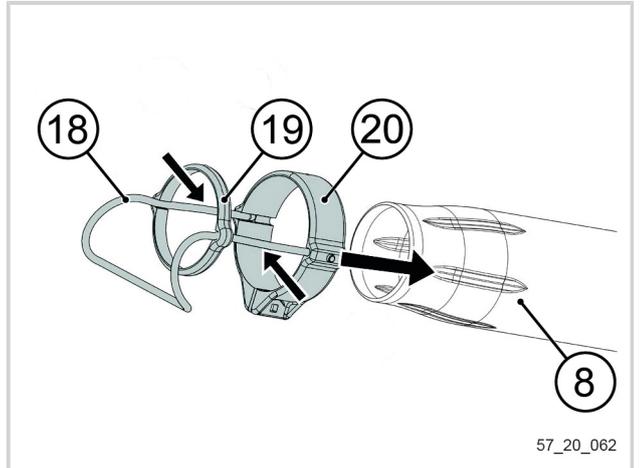
There is hole on the ergonomic elbowed nozzle so that it can be hooked on the snap hook accessory carrier, see Section 9, "Accessories and consumables".



**4.4. FITTING/REMOVING THE BLOWER SCRAPER (OPTIONAL)**

**4.4.1. MOUNTING**

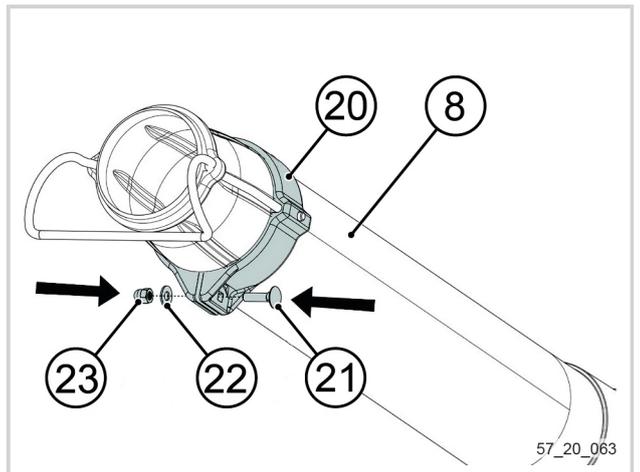
1. Set up the wire scraper (18) in the guide ring (19) and the support ring (20) by pressing on the rods.
2. Align the rods on the wire scraper (18) with the notches and fit the unit onto the outlet blowing nozzle (8).



3. Install the bolt (21), the washer (22) and the nut (23) in the support ring (20).
4. Tighten the nut (23) to hold the support ring (20).

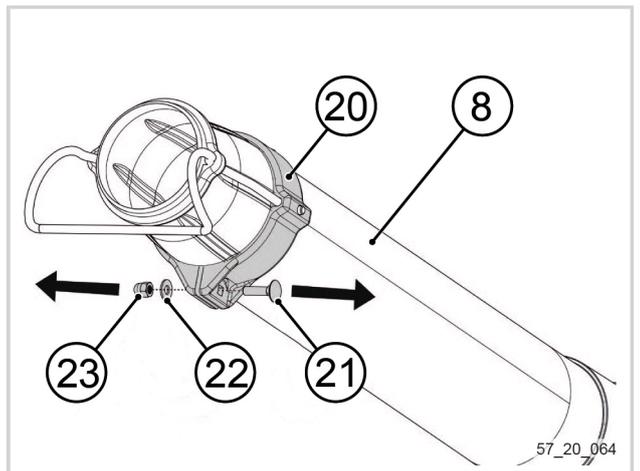
**Note**

The blower scraper can only be fitted on the outlet nozzle with a diameter of 65mm, see Section 9, "Accessories and consumables".

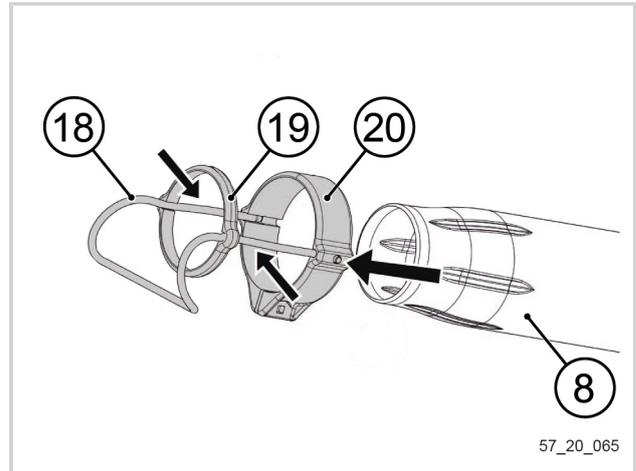


**4.4.2. DISASSEMBLY**

1. Remove the nut (23), the washer (22) and the bolt (21) from the support ring (20).



2. Remove the assembly from the outlet blowing nozzle (8).
3. Extract the wire scraper (18) from the support ring (20) and the guide ring (19) by pressing on the rods.

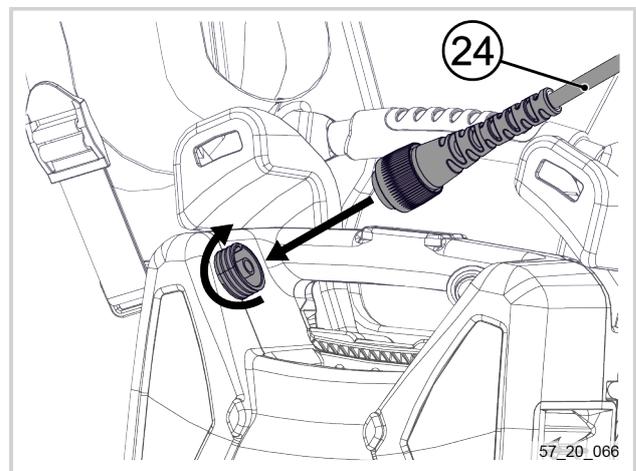


#### 4.5. CONNECTING THE EXTENSION

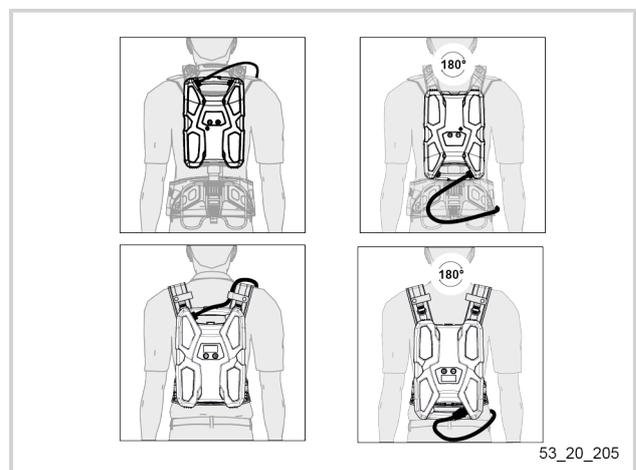
The extension cord makes it easy to connect the tool using its quick connector, see Section 9, "Accessories and consumables".

##### 4.5.1. 750 / 1200 / 1500 ULIB BATTERIES

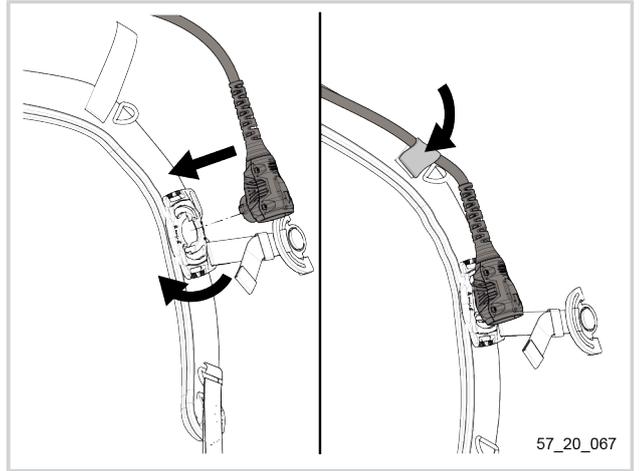
1. Fit the battery into the harness (see harness assembly instructions).
2. Plug the extension cord connector (24) into the battery.
3. Lock the connector by screwing the safety ring.



4. Put the harness on (see harness assembly instructions).
5. Depending on the battery model and the connector's position on it, pass the extension through one of the straps or the belt.

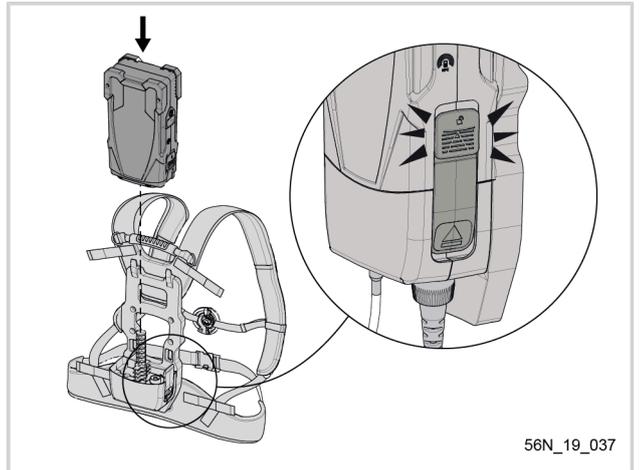


6. Fit the pin of the quick connector into the harness buckle
7. Give the quick connector one quarter of a turn to keep it in position.

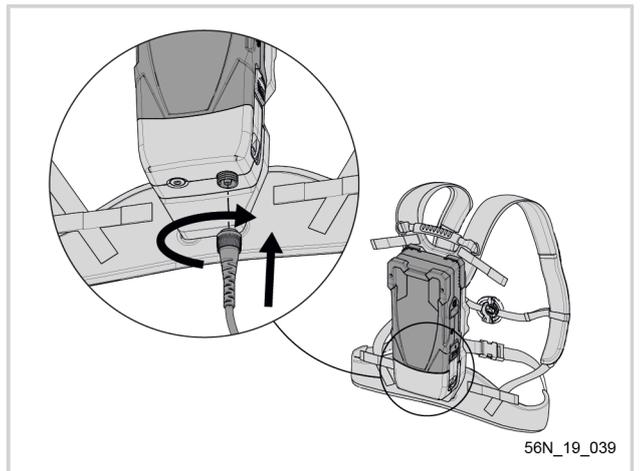


**4.5.2. 260 / 520 ALPHA BATTERIES**

1. Connect the battery to the harness, making sure it is correctly oriented (see harness assembly instructions).



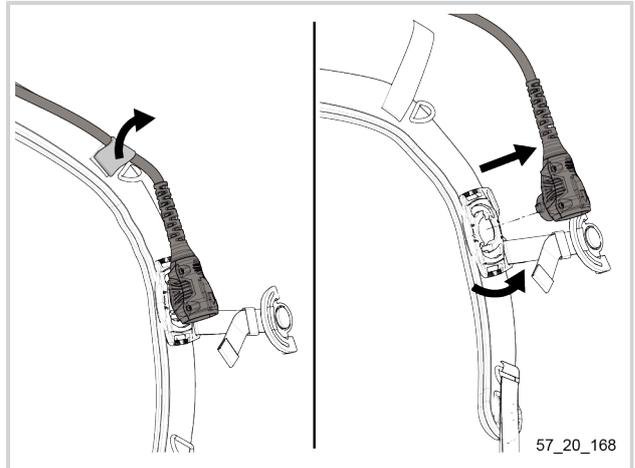
2. Connect the extension cord connector to the harness.
3. Lock the connector by screwing the safety ring.



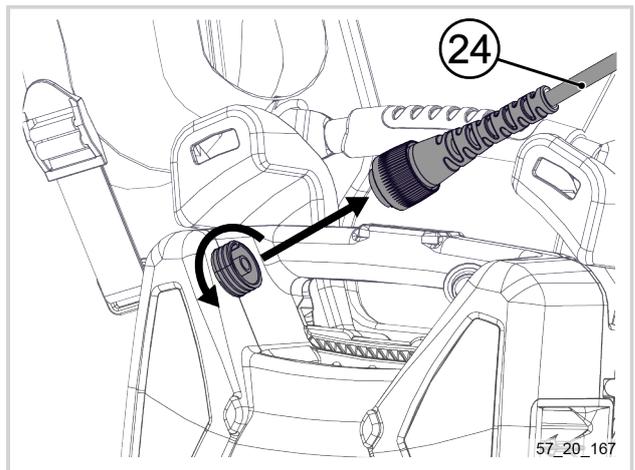
**4.6. REMOVING THE EXTENSION CORD**

**4.6.1. 750 / 1200 / 1500 ULIB BATTERIES**

1. Disconnect the battery, see Section 4.8, "Disconnecting PELLENC batteries from the tool".
2. Turn the quick connector a quarter turn to remove the extension cord from the harness strap.



3. Take off the harness (see harness assembly instructions).
4. Unscrew the connector safety ring to release the extension cord (24).

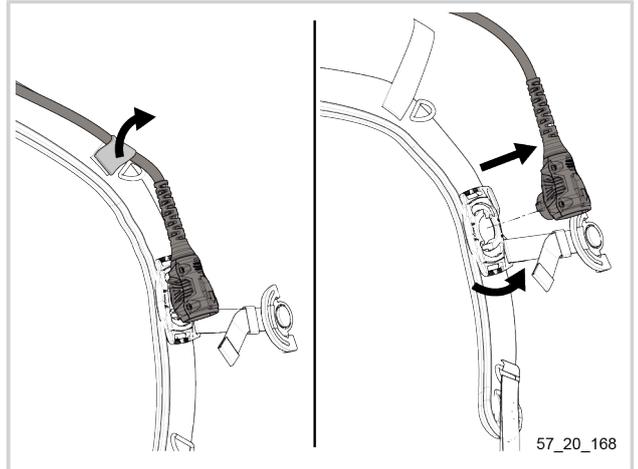


5. Remove the battery from the harness (see harness assembly instructions).

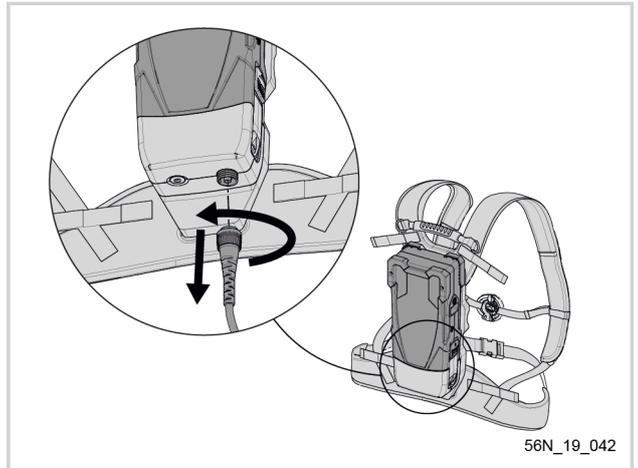
**4.6.2. 260 / 520 ALPHA BATTERIES**

1. Disconnect the tool from the battery, see Section 4.8, "Disconnecting PELLENC batteries from the tool".

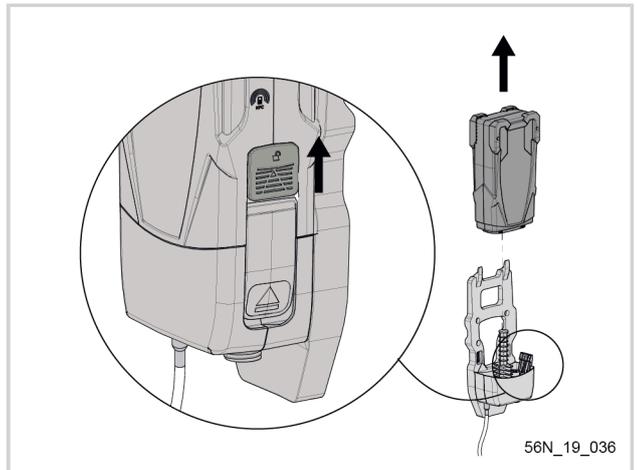
2. Turn the quick connector a quarter turn to remove the extension cord from the harness strap.



3. Unscrew the connector safety ring to release the extension cord.



4. Remove the battery from the harness (see battery instructions).



#### 4.7. CONNECTING PELLENC BATTERIES TO THE TOOL

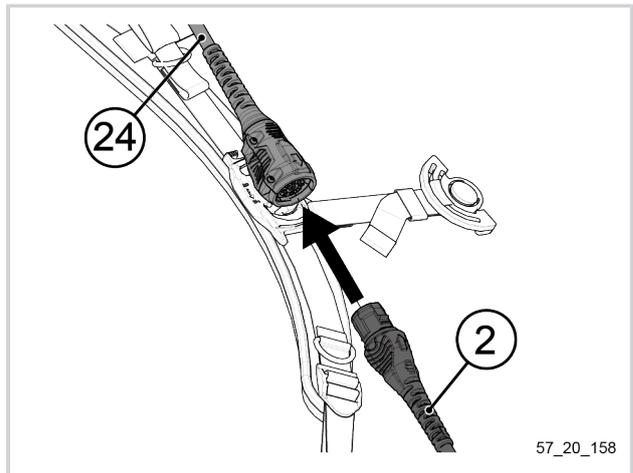
##### **Important**

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

To prolong the life of the connectors, it is advisable to protect them when they are disconnected. Avoid leaving the connectors in contact with abrasive or dirty surfaces, or subjecting them to major impacts (falls).

For more information on PELLENC batteries, please refer to the battery instruction manuals.

- Connect the tool's power cord (2) to the extension cord (24).



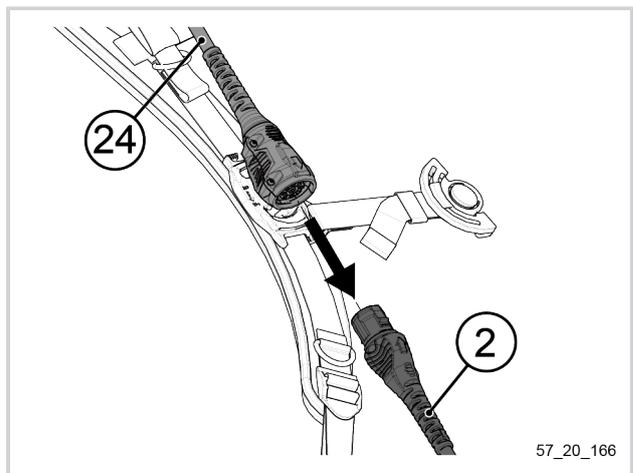
#### 4.8. DISCONNECTING PELLENC BATTERIES FROM THE TOOL

##### **Important**

To prolong the life of the connectors, it is advisable to protect them when they are disconnected. Avoid leaving the connectors in contact with abrasive or dirty surfaces, or subjecting them to major impacts (falls).

For more information on PELLENC batteries, please refer to the battery instruction manuals.

- Disconnect the tool's power cord (2) from the extension cord (24).



## 5. USING THE TOOL

### 5.1. HOLDING 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.

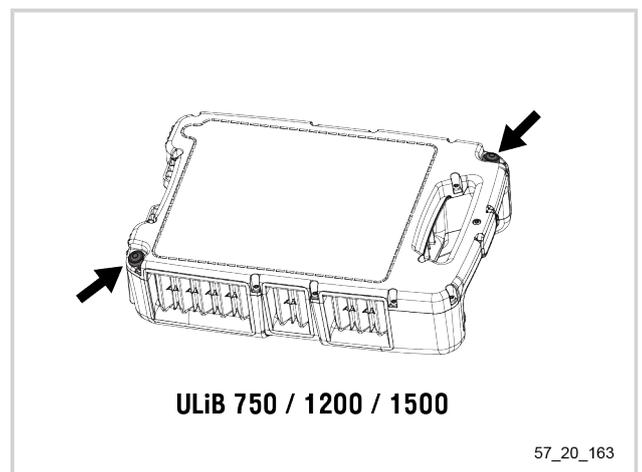
Always walk slowly while blowing the leaves, green waste, or urban waste to one side or the other.

Always check the blowing nozzle outlet area.

### 5.2. TURNING ON AND TURNING OFF THE BATTERY

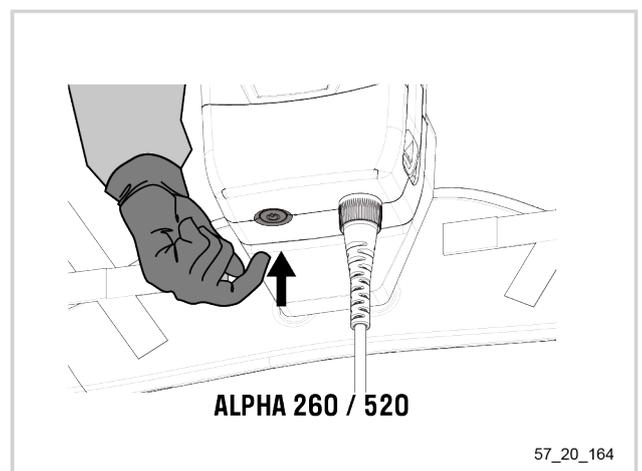
#### 5.2.1. 750 / 1200 / 1500 ULiB BATTERIES

- Press one of the two battery On/Off buttons.



#### 5.2.2. 260 / 520 ALPHA BATTERIES

- Press the On/Off button.



**5.3. START-UP**

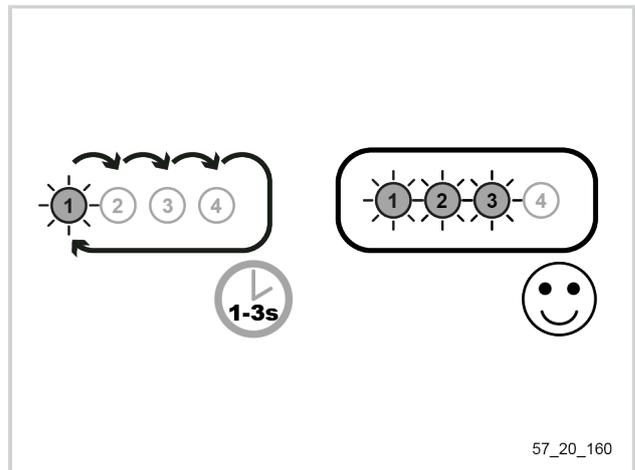
1. Hold the tool in its operating position, with the outlet blowing nozzle pointing to the ground.



2. Turn on the battery by pressing the On/Off button, see Section 5.2, "Turning on and turning off the battery" and wait for the battery to beep once. The tool is recognised.
3. Wait for one or more lights on the handle to light up and stay on. The battery is recognised and the tool is ready to use.

**Note**

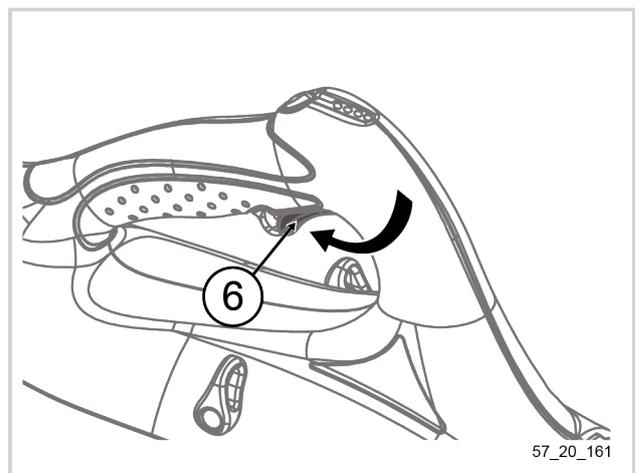
When the tool is turned on, the LEDs on the handle light up in sequence for one to three seconds.



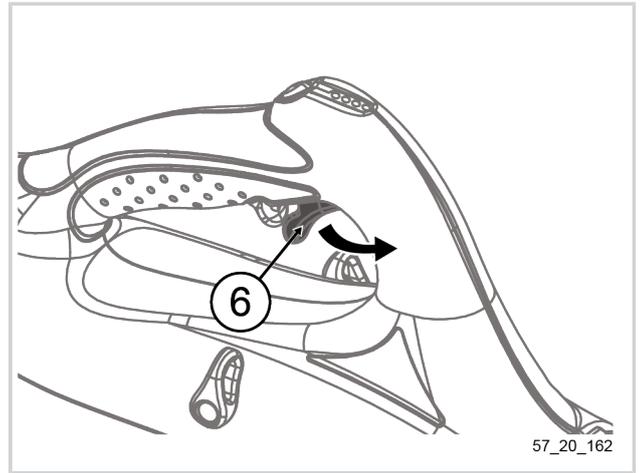
5. Press the control trigger (6) to start the blower.

**Note**

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



6. Release the trigger (6) to stop the tool



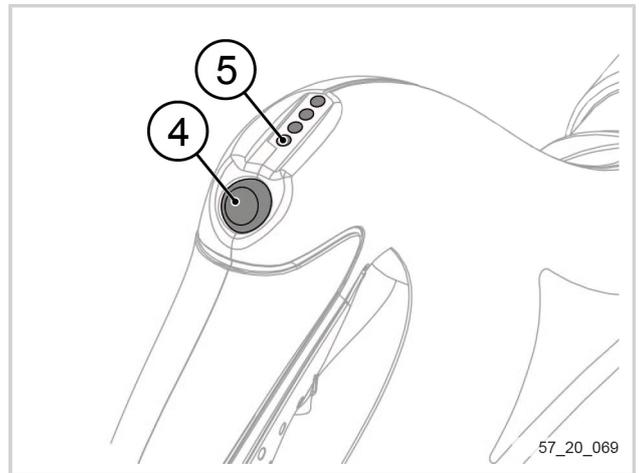
**Important**

Make sure to maintain a sufficient distance (at least 30 cm) between the suction nozzle and any loose surface material on the floor, wall, or ceiling, such as sand, gravel, liquids, etc. Such loose materials are likely to be sucked in, pass through the intake screen, damage your equipment, and be ejected at high speed.

**5.4. SPEED SELECTOR**

Your tool is equipped with a speed selection system. This system is used to optimize and vary the air flow power using the selector (4) on the handle.

When the blower is turned on, the four indicator lights on the handle (5) indicate the selected speed.



Selected speed	speed 1	speed 2	speed 3	speed 4	Booster
Indicator light status	● ○ ○ ○ ○	● ● ○ ○ ○	● ● ● ○ ○	● ● ● ● ●	● ● ● ● ●
Power (W)	150	380	500	600	940
Battery life with the 1100 battery (mins)	395	160	120	100	63
Battery life with the 1200 battery (mins)	480	189	144	120	77
Battery life with the 1500 battery (mins)	600	235	180	150	95
Max airflow speed (m/s) *	33	47	52	55	63
Max airflow speed (m/s) **	37	52	56	60	69
Max. airflow speed with accessories (m/s) ***	37	52	57	60	69
Max. airflow speed with accessories (m/s) ****	34	48	51	57	64
Actual flow rate (m3/h) *	490	690	760	815	920
Effective thrust (N) *	5	10	12	13.5	18

\* with standard blower nozzle dia. 75mm.

\*\* with blower nozzle dia. 65mm.

\*\*\* with a flat nozzle accessory.

\*\*\*\* with ergonomic elbow nozzle accessory.

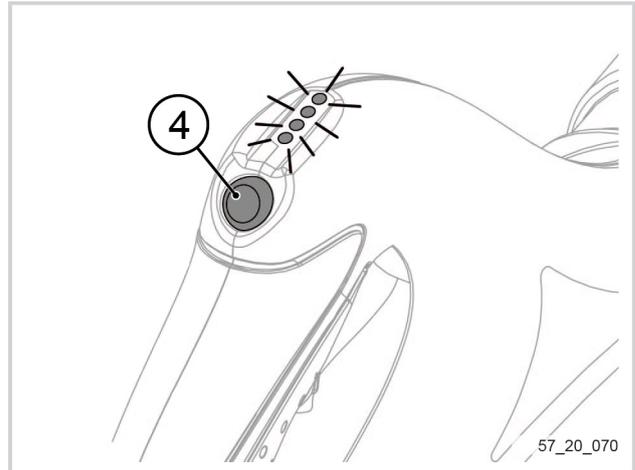
## 5.5. "BOOSTER" MODE

The blower has a "booster" mode which gives the maximum power (940W) instantly. The speed and the airflow rate are then at a maximum with the standard nozzle. This mode is available for each speed.

1. Hold the selector button (1) down to switch to "booster" mode. The mode is activated instantly, 4 LEDs flash simultaneously.
2. Release the button, the tool stays in "booster" mode.

### Note

A second press causes it to return to the initial speed.



57\_20\_070

### Note

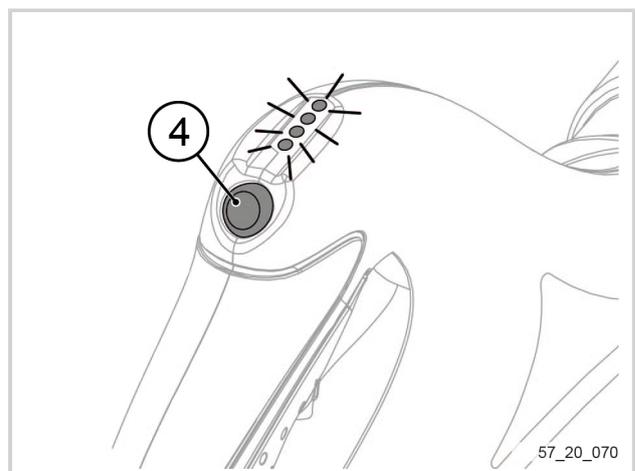
Only use the "booster" mode temporarily when needed (stuck debris, etc.) in order to limit the blower power consumption.

## 5.6. 'BATTERY LIFE READING' MODE

To know the charge level of the battery, the tool has a 'battery life reading' mode. To activate the 'battery status display' mode:

Press the selector button for 2 seconds, the LEDs then indicate the charge level of the battery:

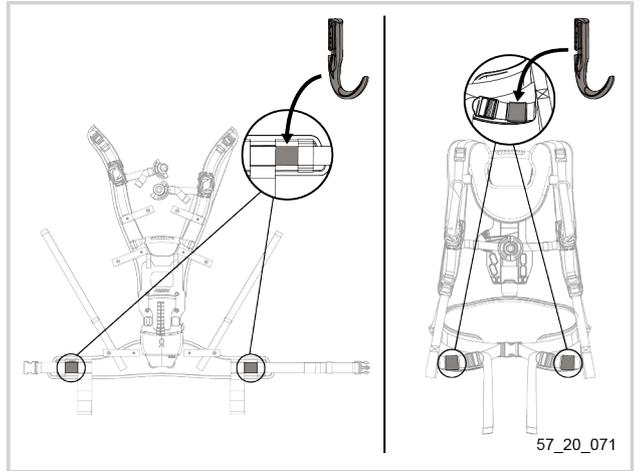
- 4 LEDs: battery is 75-100% charged
- 3 LED: the battery is 50-75% charged
- 2 LED: the battery is 25-50% charged
- 1 LED: the battery is 0-25% charged



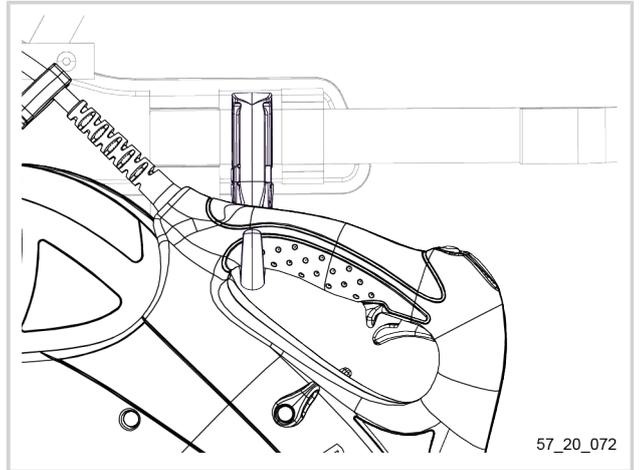
57\_20\_070

**5.7. CARRYING (OPTIONAL)**

1. Fit the tool hook onto one of the two side straps on the harness belt.

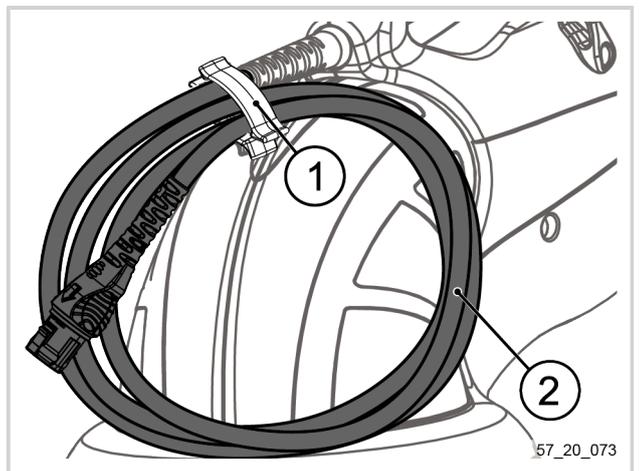


2. Hang the tool by the handle on the tool hook.



**5.8. AFTER EACH USE**

1. Turn off the battery, see Section 5.2, "Turning on and turning off the battery".
2. Disconnect the tool from the battery, see Section 4.8, "Disconnecting PELLENC batteries from the tool".
3. Make loops with the tool's power cord (2) and secure it to the back of the handle with the holding clips (1).



**6. SERVICE**

**6.1. MAINTENANCE ADVICE**



**Caution**

Always disconnect the tool battery before starting tool maintenance.

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

**6.2. TOOL MAINTENANCE TABLE**

	At each start-up	After each use	If necessary	Every year or when necessary
Cleaning the tool		X		
Visual inspection of the tool	X			
Check for clogging of the grid; clean if necessary	X	X		
Check the rotor: <ul style="list-style-type: none"> <li>• clean if necessary</li> <li>• replace if necessary (by an authorised PELENC distributor).</li> </ul>			X	
Checking the capacity of the battery	X			
Replace the safety labels			X	
Have the tool inspected by an approved Pellenc distributor.				X

**Important**

Ⓒ Have your blower overhauled every 400 hours or at least once a year. Always make sure the tool is clean and its battery is charged before storing it.

**6.3. CLEANING**



**Warning**

Ⓒ Never use solvents (trichloroethylene, white spirit, petrol, etc.) to clean the tool.

- Keep your tool clean by wiping it regularly with a soft, damp cloth.
- FINISH LIST

Using an air compressor (10 bars maximum), blow on the tool, the grille and the rotor on a regular basis to limit clogging.

Check that the whole air duct (from the intake to the outlet) is not obstructed.

Ensure that air intake grille holes are not obstructed.

Visually inspect the condition of the intake screen. If a replacement is necessary, contact your authorised PELLENC distributor.

Check the condition of the rotor visually. If a replacement is necessary, contact your authorised PELLENC distributor.

**7. INCIDENTS AND TROUBLESHOOTING**

Symptoms	Battery On/ Off status	Indica- tor light status	Probable cause	Checks	Solutions	Repairer	
The tool does not start	Stop	Switched off	Battery off	Battery switch	Flip the battery switch	User	
			The power cord is severed	Check the condition of the cord	Change the cord	PELLENC authorised distributor	
	Starting the	Switched off	Battery	Check that the battery is not completely discharged	Charge the battery	Charge the battery	User
				Electronic circuit board	At an authorised PELLENC distributor	Change the electronic board if the LEDs remain off after commissioning and verification of the previous points	PELLENC authorised distributor
			On	Trigger no longer functions	At an authorised PELLENC distributor	Change the trigger or sensor	PELLENC authorised distributor
				Electronic circuit board	At an authorised PELLENC distributor	Change the circuit board	PELLENC authorised distributor
		Flashing then off	On	Battery not recognized	Check the connection of the cord to the battery	Repeat the starting procedure	User
				Faulty power cord	Check the condition of the cord	Change the cord	PELLENC authorised distributor
				Electronic board defect	At an authorised PELLENC distributor	Change the circuit board	PELLENC authorised distributor
				Trigger no longer functions	At an authorised PELLENC distributor	Change the trigger or sensor	PELLENC authorised distributor
The tool stops during use	Starting the	Switched off	The power cord is severed	Check the condition of the cord	Change the cord	PELLENC authorised distributor	
			The tool has reached its temperature limit	4 beeps from the battery	Let the tool cool down for roughly 5 minutes	User	
			The battery is flat	When stopped, check the battery charge level shown in the side window	Recharge the battery (if less than 10% charged)	User	

Symptoms	State of the on/off switch of the battery	Indicator light status	Probable cause	Checks	Solutions	Repairer
The tool stops during use	Starting the	On	Trigger no longer functions	At an authorised PELLENCE distributor	Change the trigger or sensor	PELLENC authorised distributor
		Switched off	The power cord is severed	Check the condition of the cord	Change the cord	PELLENC authorised distributor
			The tool has reached its temperature limit	4 beeps from the battery	Let the tool cool down for roughly 5 minutes	User
The blower makes an unusual noise or vibrates abnormally	Starting the	On	The battery is flat	When stopped, check the battery charge level shown in the side window	Recharge the battery (if less than 10% charged)	User
			Airflow duct obstructed or blocked (intake elbow, blower tube, nozzle, etc.)	Check the condition of the duct	Clean the duct	User
Loss of efficiency of the air flow	Starting the	On	Dirty or damaged rotor	Check the condition of the rotor	Clean the rotor	User
			Blocked air intake grill	Check the condition of the grill	Clean or replace the grill	User
			Dirty or damaged rotor	Check the condition of the rotor	Clean the rotor	User
The tool works, the boost is temporarily unavailable	On	Switched on and convergent	The tool is hot Cooling mode in operation	Check the condition of the grill	Clean the grille	User
					Allow the tool to cool down	

## 8. STORAGE AND TRANSPORT

### 8.1. STORAGE

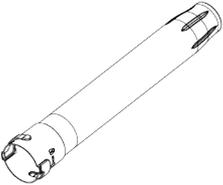
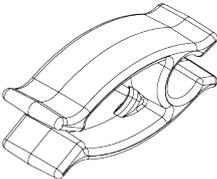
- Switch off the tool (see Section 5.8, "After each use").
- Disconnect the battery (see Section 5.8, "After each use").
- Store the battery (refer to the battery operating instructions).
- Clean the tool (see Section 6.3, "Cleaning").
- Store the tool in a dry place out of children's reach.

### 8.2. TRANSPORT

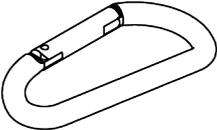
- Switch off the tool (see Section 5.8, "After each use").
- Disconnect the battery (see Section 5.8, "After each use").
- Ensure that the tool and the battery are secured in the transport vehicle.

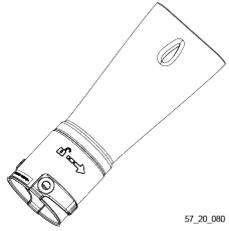
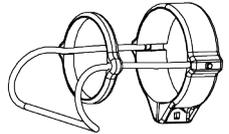
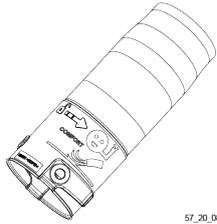
**9. ACCESSORIES AND CONSUMABLES**

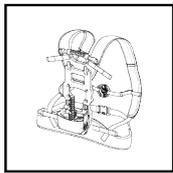
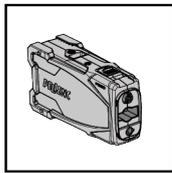
**9.1. ACCESSORIES INCLUDED**

Name	Reference	
Anti-wear outlet nozzle	122862	 <small>57_20_074</small>
Holding clips for the power cord	101056	 <small>57_20_075</small>
Allen wrench	45792	 <small>57_20_076</small>

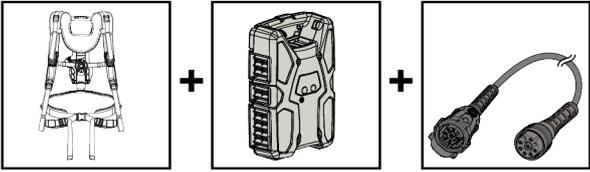
**9.2. OPTIONAL ACCESSORIES**

Name	Reference	
Snap hook to carry accessories	131701	 <small>57_20_077</small>
Carrying strap	110002	 <small>57_20_078</small>
Airion carrying strap for comfort harness	137018	 <small>57_20_079</small>

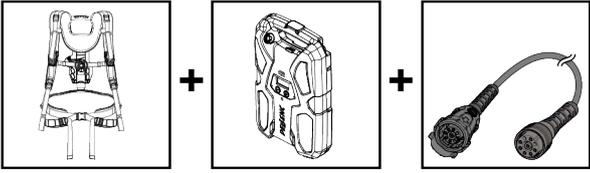
Name	Reference	
Flat nozzle	122865	 57_20_080
Tool hook	86708	 57_20_081
Accessory scraper blower	102930	 57_20_084
Elbow end piece kit	131967	 57_20_085

Name	Reference	
Comfort harness	57194	  
PELLENC ALPHA 260 battery	57192	
PELLENC ALPHA 520 battery	57193	
EXTENSION CORD	57238	

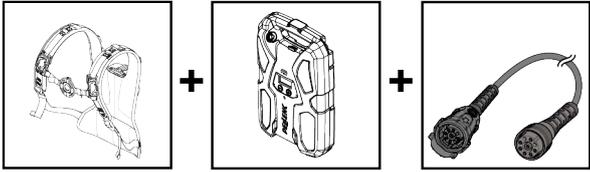
57\_20\_187

Name	Reference	
Comfort harness	57183	
1200 Ultra Lithium Battery	57253	
1500 Ultra Lithium Battery	57254	
EXTENSION CORD	57238	

57\_20\_186

Name	Reference	
Comfort harness	57183	
750 Ultra Lithium Battery	57191	
EXTENSION CORD	57238	

57\_20\_189

Name	Reference	
750 ULiB battery harness	57257	
750 Ultra Lithium Battery	57191	
EXTENSION CORD	57238	

57\_20\_188

## 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 Civil Code provides 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 given a lesser price for it, had he known of them".

Article 1648 of the 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 WARRANTY OF CONFORMITY

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

The seller is also liable for any lack of compliance 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. Where they are fit for the purpose normally expected of similar goods and, where applicable:
  - If it matches the description given by the seller and possesses the qualities that were presented to the purchaser in the form of a sample or model;
  - If it possesses the qualities that a purchaser 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 of the parties or is fit for any particular purpose that the buyer made known to the seller and that the latter accepted.

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

#### 10.1.2. COMMERCIAL WARRANTYPELLENC

##### - 10.1.2.1. CONTENT

###### 10.1.2.1.1. GENERAL INFORMATION

In addition to legal warranties, client users benefit from the commercial warranty on products PELLENCcovering 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 is fully integral to the product sold by PELLENC.

###### 10.1.2.1.2. SPARE PARTS

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

**- 10.1.2.2. DURATION OF THE WARRANTY****10.1.2.2.1. GENERAL INFORMATION**

PELLENC 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**

PELLENC 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**

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

It does not apply in case of shock, fall, neglect, lack of supervision or maintenance or in case of transformation of the product. Also excluded from the warranty are products that have been subject to tampering, alteration or modification by the client user.

Wear parts and/or consumables cannot be covered by the warranty.

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

The DISTRIBUTOR undertakes to complete the computer commissioning declaration form, no later than eight days after the delivery of the property to the user customer, in order to activate the latter on the [www.pellenc.com](http://www.pellenc.com) website under "warranties and training" in the "extranet" menu, using the identifier previously provided to them by PELLENC.

Failing that, commissioning declaration will not be effective and implementation of the commercial warranty PELLENC 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 shall also undertake to complete the warranty card or the certificate of warranty and commissioning for self-propelled equipment provided with the product after having the client user sign and date it.

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

Malfunctions, breakdowns, breakages resulting from misuse, neglect or improper maintenance by the client user as well as malfunctions resulting from normal wear of the product are subject to the payment of 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 original PELLENC 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. EC STATEMENT OF COMPLIANCE**

**11.1. "EC" DECLARATION OF CONFORMITY: AIRION 3**

MANUFACTURER	PELLENC
ADDRESS	Quartier Notre-Dame - 84120 Pertuis (France)
ENTITY AUTHORIZED TO COMPILE THE TECHNICAL FILE	PELLENC
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 3
TYPE	Blower
MODEL	AIRION 3
SERIAL No.	57U00001 - 57U49999 57V00001 - 57V49999 57W00001 - 57W49999

Complies with the relevant provisions of the machinery directive (2006/42/EC).

Complies with the provisions of the following European directives:

- 2014/30/EU EMC Directive
- 2011/65/EU ROHS Directive
- 2012/19/EU WEEE Directive
- 1907/2006 REACH Regulation

The following harmonised European standards have been used in whole or in part:

- EN 60335-1: 2.012
- EN 50636-2-100: 2018
- EN 60529: 1991+A1 : 2000+A2 : 2013
- EN 55014-1: 2.012
- EN 55014-2: 2009
- 61000-4-2; EN 55014-2 : 2009
- 61000-4-3; EN 55014-2 : 2011

Sound Level at the maximum operating rating

Symbol	Value	Unit	Reference	Remark
L <sub>WAm</sub>	90	dB(A)	1 pW	Measured sound power level
L <sub>WAg</sub>	92	dB(A)	1 pW	Guaranteed sound power level

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

SIGNED IN PERTUIS, DATED 20/08/2020  
JEAN-MARC GIALIS  
CEO







# **PELLENC**

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

PELLENC  
Quartier Notre Dame - 84120 Pertuis (France)

