



Husqvarna®



120iBV



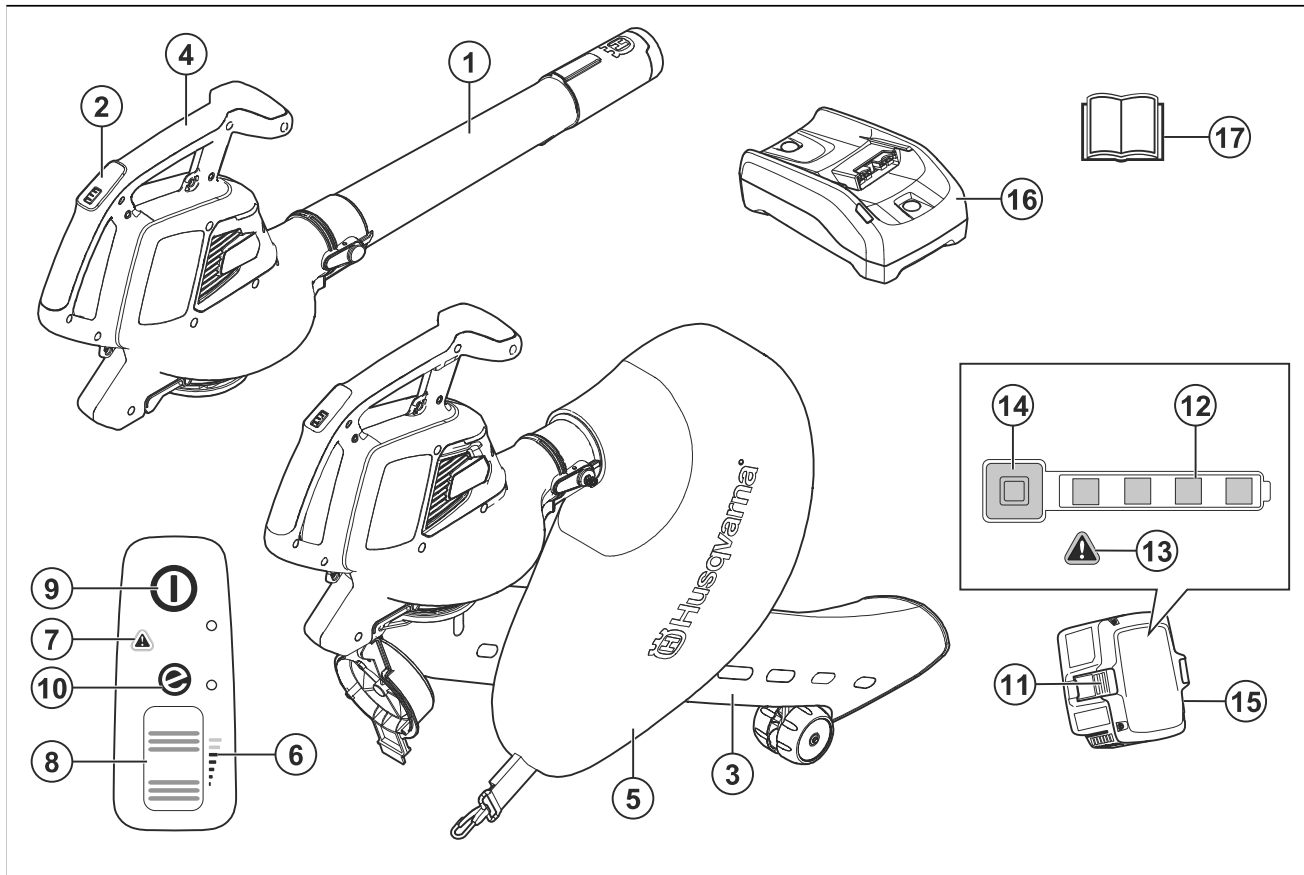
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Introduction

Product overview



- | | |
|-----------------------------------|---|
| 1. Blower tube | 14. Power and warning indicator |
| 2. Keypad | 15. Battery, included in the Husqvarna 120iBV blower kit only |
| 3. Vacuum tube | 16. Battery charger, included in the Husqvarna 120iBV blower kit only |
| 4. Handle | 17. Operator's manual |
| 5. Collection bag | |
| 6. Airflow indicator | |
| 7. Warning indicator (error LED) | |
| 8. Power wheel | |
| 9. Start/stop button | |
| 10. SavE indicator | |
| 11. Battery release button | |
| 12. Battery status | |
| 13. Warning indicator (error LED) | |

Product description

Husqvarna 120iBV is garden blower/vacuum model with an electric motor.

We have a policy of continuous product development and therefore reserve the right to modify the design and the appearance of the products without prior notice.

Intended use

Blower mode: The blower is designed for blowing dirt particles or grass cuttings away from paths, driveways, courtyards and the like. It is also designed for blowing grass cuttings, straw or leaves to create piles, or to remove dirt particles from corners, joints or gaps between tiles or bricks.

Vacuum mode: The vacuum is designed for vacuuming dry material. It includes leaves, grass, small twigs, and bits of paper.

Symbols on the product



WARNING: This product can be dangerous and cause serious injury or death to the operator or others. Be careful and use the product correctly.



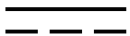
Read the operator's manual carefully and make sure that you understand the instructions before you use this product.



Use approved eye protection.



Rated voltage, V



Direct current.



Noise emission to the environment label as per EU and UK directives and regulations, and New South Wales legislation "Protection of the Environment Operations (Noise Control) Regulation 2017". The guaranteed sound power level of the product is specified in *Technical data on page 16* and on the label.



Disconnect the battery before maintenance.



The product or package of the product is not domestic waste. Recycle it at a recycling station for electrical and electronic equipment.



The product agrees with the applicable EC directives.



This product conforms to the applicable UK regulations.



Do not expose to rain.



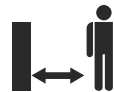
Wait until the rotor blades stop after switching off the product.



Only use the product in vacuum mode when the tube is completely assembled.



The blower operator must ensure that no people or animals come closer than 15 metres. When several operators are working at the same site a safety distance of at least 15 metres must be in effect. The blower can forcibly throw objects that can bounce back. This can result in serious eye injuries if the recommended safety equipment is not used.

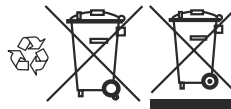


yyyy wwxxxxx

The rating plate shows serial number. **yyyy** is the production year, **ww** is the production week.

Note: Other symbols/decals on the attachment refer to special certification requirements for certain markets.

Symbols on the battery and/or on the battery charger



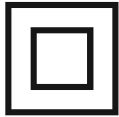
Recycle this product at a recycling station for electrical and electronic equipment. (Applies to Europe only)



Fail-safe transformer.



Use and keep the battery charger indoors only.



Double insulation.

Manufacturer

Husqvarna AB

Drottninggatan 2, SE-561 82 Huskvarna

Product damage

We are not responsible for damages to our product if:

- the product is incorrectly repaired.
- the product is repaired with parts that are not from the manufacturer or not approved by the manufacturer.
- the product has an accessory that is not from the manufacturer or not approved by the manufacturer.
- the product is not repaired at an approved service center or by an approved authority.

Safety

Safety definitions

Warnings, cautions and notes are used to point out specially important parts of the operator's manual.



WARNING: Used if there is a risk of injury or death for the operator or bystanders if the instructions in the manual are not obeyed.



CAUTION: Used if there is a risk of damage to the product and/or the attachment, other materials or the adjacent area if the instructions in the manual are not obeyed.

Note: Used to give more information that is necessary in a given situation.

General safety instructions



WARNING: Read the warning instructions that follow before you use the product.

- Read the instructions carefully to know the controls and the correct operation of the machine. Incorrect or careless use of the product can turn it into a dangerous tool that can cause serious or even fatal injury to the operator or others.
- Under no circumstances may the design of the product be modified without the permission of the manufacturer. Never use a product that has been modified in any way from its original specification and always use original accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others. Your warranty may not cover damage or liability caused by the use of non-authorized accessories or replacement parts.
- This product produces an electromagnetic field during operation. This field may under some

circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this product.

- Remove the battery from the product during charging.

General power tool safety warnings

Check before starting

- Inspect the working area. Remove all loose objects, such as stones, broken glass, nails, steel wire, string etc. that could be thrown out.
- Always remove the battery to prevent the machine being started by accident. Always disconnect the battery before any maintenance on the machine.
- Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
- Only use original spare parts.
- The machine operator must ensure that no people or animals come closer than 15 metres while working. When several operators are working in the same area the safety distance should be at least 15 metres.
- Do an overall inspection of the machine before use, see maintenance schedule.
- National or local regulations may regulate the use. Comply to given regulations.

Personal safety

- **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.
- Keep bystanders away.
- This appliance is not intended for use by person (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision

or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- Never allow children or people unfamiliar with these instructions to use the product. Local regulations may restrict the age of the operator.
- Keep unauthorised persons at a distance. Children, animals, onlookers and helpers should be kept outside the safety zone of 15 m (50 ft.). Stop the machine immediately if anyone approaches.
- Store the equipment in a lockable area so that it is out of reach of children and unauthorized persons.
- Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- While operating the machine always wear substantial footwear and long trousers. Do not operate the machine when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- Do not wear loose clothing or jewellery that can be breathed into the air inlet. Keep long hair away from the air inlets.
- Never use the machine if you are tired, if you have drunk alcohol, or if you are taking medication that could affect your vision, your judgement or your coordination.
- Wear personal protective equipment. See instructions under the heading "Personal protective equipment".
- Always remove the battery when passing the machine to another person.
- Keep in mind that it is you, the operator that is responsible for not exposing people or their property to accidents or hazards.

Power tool use and care

- Never use a machine that has been modified in any way from its original specification. Never use the machine near explosive or flammable materials.
- Never use a machine that is faulty. Carry out the safety checks, maintenance and service instructions described in this manual. Some maintenance and service measures must be carried out by trained and qualified specialists. See instructions under the heading Maintenance.
- Only use original spare parts.
- Always ensure that ventilation openings are kept clear of debris.
- All covers, guards and handles must be fitted before starting.
- Only use the machine in daylight or in other well-lit conditions.
- Never use the machine in bad weather, for instance in fog, in rain, damp or in wet locations, strong winds, intense cold, risk of lightning, etc. Extremely hot weather may cause overheating of the machine. Operation in bad weather is tiring and can lead to dangerous conditions, for instance slippery surfaces.

- If the machine starts vibrating abnormally, stop the machine and remove the battery.
- Walk, never run.

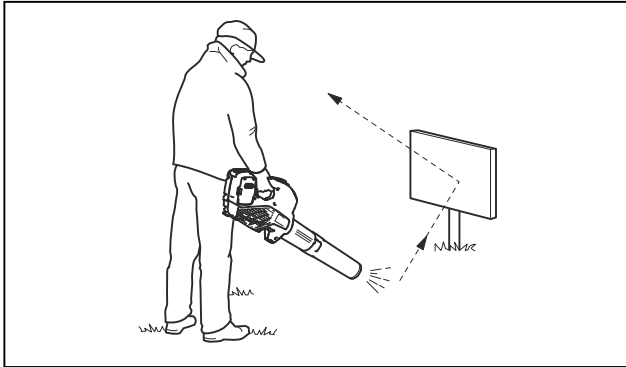
Safety instructions for operation



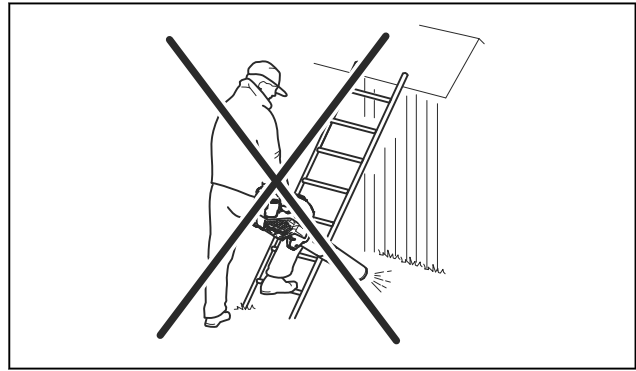
WARNING: Read the warning instructions that follow before you use the product.

- If you encounter a situation where you are uncertain how to proceed you should ask an expert. Contact your dealer or your service workshop. Avoid all usage which you consider to be beyond your capability.
- Make sure that you can move and stand safely. Check the area around you for possible obstacles (roots, rocks, branches, ditches, etcetera) in case you have to move suddenly. Take great care when you work on sloping ground.
- Keep a good balance and a firm foothold at all times. Do not overreach.
- Listen out for warning signals or shouts when you wear hearing protection. Always remove your hearing protection as soon as the product stops.
- Do not operate the product near open windows.
- Show consideration to persons in your surroundings by avoiding using the product at unsuitable times, such as late in the evening or early in the morning. Follow local regulations and ordinances.
- Use the product with the lowest possible airflow. It is seldom necessary to use full airflow, and many work procedures can be done at half airflow. A lower airflow means less noise and less dust, and it is also easier to keep control over the rubbish collected together/moved.
- In dusty conditions slightly dampen the surface when using the product.
- Use a rake or a brush to release rubbish stuck to the ground.
- Hold the opening of the blower as close to the ground as possible.
- Observe your surroundings. Direct the product away from persons, animals, play areas, cars etc..
- Minimize the blowing time by lightly wetting dusty areas or using spray equipment.
- Be aware of the wind direction. Work with the wind to make your work easier.
- Stop the product and remove the battery if the product starts to vibrate abnormally.
- Using the blower to move large piles is time consuming and creates unnecessary noise.
- Clean up afterwards. Make sure that you have not blown rubbish into someone's garden.
- Do not run with the product.

- The powerful currents of air can move objects at such a speed that they can bounce back and cause serious eye injuries.



- Do not direct the airflow towards people or animals.
- Stop the motor before you assemble or dismantle accessories or other parts.
- Keep all parts of your body away from hot surfaces.
- Never put the product down when it is activated unless you have it in clear sight.
- Stop the machine, and remove the battery. Make sure that all moving parts have come to a complete stop:
 - whenever you leave the machine
 - before clearing blockages or unclogging chute
 - before checking, cleaning or working on the machine
- Immediately shut off the power source and allow the machine to stop if the cutting mechanism hits any foreign objects or if the machine should start making any unusual noise or vibration. Disconnect the battery from the machine and take the following steps before restarting and operating the machine:
 - examine for damage
 - replace or repair any damaged parts
 - check for and tighten any loose parts
- Shut off the power source and disconnect the machine from battery before cleaning unwanted material if the machine becomes clogged.
- Do not transport this machine while the power source is running.
- Do not tilt the machine while the power source is running.
- The blower must not be used while on a ladder or scaffolding.



- Do not use the product unless you are able to call for help in case of an accident.
- Watch out for thrown objects. Stones, rubbish, etc., can be thrown up into the eyes causing blindness or serious injury.
- Use a residual-current device (RCI) for increased security when you charge the product. A residual-current device is fitted to protect operators in case an electrical fault should occur.
- This product is renowned for its low vibration load. Overexposure to vibration can lead to circulatory damage or nerve damage in people who have impaired circulation. Contact your doctor if you experience symptoms of overexposure to vibration. Such symptoms include numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin colour or condition. These symptoms normally appear in the fingers, hands or wrists.
- Only use the product for the purpose it was intended for.
- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. Avoid all situations which you consider to be beyond your capability. If you still feel uncertain about operating procedures after reading these instructions, you should consult an expert before continuing.

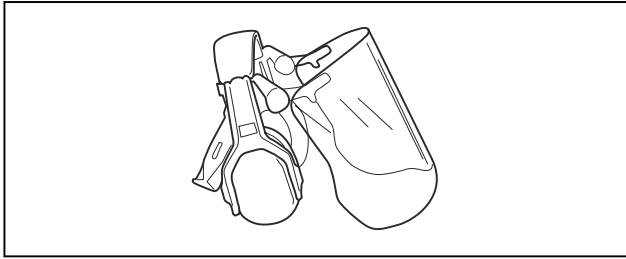
Personal protective equipment



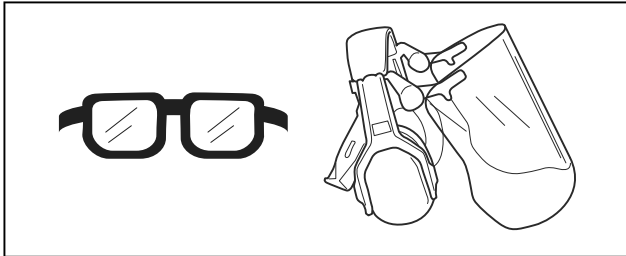
WARNING: Read the warning instructions that follow before you use the product.

- Always use approved personal protective equipment when you use the product. Personal protective equipment cannot fully prevent injury but it decreases the degree of injury if an accident does occur. Let your dealer help you select the right equipment.
- Long term exposure to noise can result in damaged hearing. In general, battery powered products are relatively quiet but damage can result from a combination of noise level and long usage. recommends that operators use hearing protectors when using products for a longer coherent time of a day. Continual and regular users should have their hearing checked regularly. Note that hearing

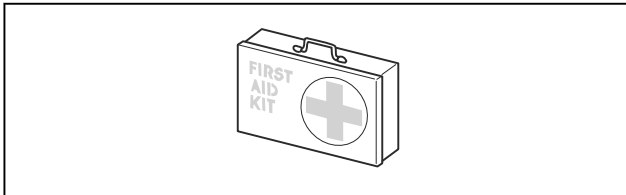
protectors limit the ability to hear sounds and warning signals.



- Use approved eye protection. If you use a visor, you must also use approved protective goggles. Approved protective goggles must comply with the ANSI Z87.1 standard in the USAs or EN 166 in EU countries.



- Use clothing made of a strong fabric. Always use heavy, long pants and long sleeves. Do not use loose clothing that can catch on twigs and branches. Do not wear jewelry, short pants, sandals or go with bare feet. Put your hair up safely above shoulder level.
- Keep first aid equipment close at hand.



- A breathing mask should be used when there is a risk of dust.

Safety devices on the product



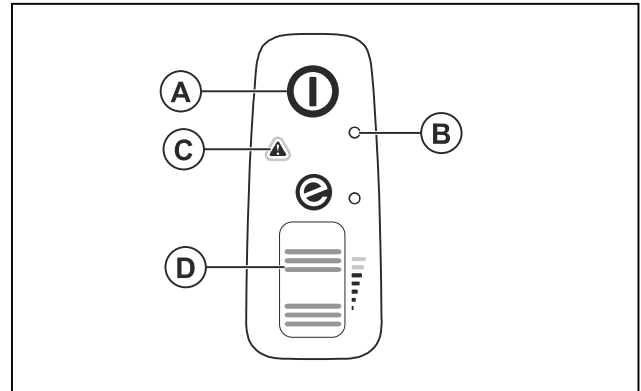
WARNING: Read the warning instructions that follow before you use the product.

- In this section the product's safety features, its purpose and how checks and maintenance should be carried out to ensure that it operates correctly. See instructions under the heading *Product overview on page 2* to find where these parts are located on your product.
- The life span of the product can be reduced and the risk of accidents can increase if product maintenance is not carried out correctly and if service and/or repairs are not carried out professionally. If you need further information please contact your nearest servicing dealer.

- Never use a product with defective safety components. The product's safety equipment must be inspected and maintained as described in this section. If your product fails any of these checks, contact your service agent to get it repaired.
- All servicing and repair work on the product requires special training. This is especially true of the product's safety equipment. If your product fails any of the checks described below you must contact your service agent. When you buy any of our products we guarantee the availability of professional repairs and service. If the retailer who sells your product is not a servicing dealer, ask him for the address of your nearest service agent.

To do a check of the keypad

1. Push and hold the start/stop button (A).



- a) The product is on when the LED (B) comes on.
- b) The product is off when the LED (B) is out.

2. Refer to *User interface on page 14* if the warning indicator (C) comes on or flashes.
3. Push and release the power wheel (D) to make sure that it moves freely.

Battery safety



WARNING: Read the warning instructions that follow before you use the product.

- Only use the 40-B series batteries that we recommend for your product. Refer to *Approved batteries on page 17*. The batteries are software encrypted.
- Use the rechargeable 40-B series batteries as a power supply for the related Husqvarna products only. To prevent injury, do not use the battery as a power supply for other devices.
- Risk of electrical shock. Do not connect the battery terminals to keys, screws or other metal. This can cause a short circuit of the battery.
- Do not use batteries that are non-rechargeable.
- Do not put objects into the air slots of the battery.
- Keep the battery away from sunlight, heat or open flame. The battery can cause burns and/or chemical burns.

- Keep the battery away from rain and wet conditions.
- Keep the battery away from microwaves and high pressure.
- Do not try to disassemble or break the battery.
- Use the battery in temperatures between -10 °C (14 °F) and 40 °C (104 °F).
- Do not clean the battery or the battery charger with water. Refer to *To clean the product, the battery and the battery charger on page 14.*
- Do not use a defective or damaged battery.
- Keep batteries in storage away from metal objects such as nails, screws or jewelry.
- Keep the battery away from children.

Battery charger safety



WARNING: Read the warning instructions that follow before you use the product.

- Risk of electrical shock or short circuit if the safety instructions are not obeyed.
- Do not use other battery chargers for the one supplied for your product. Only use 40-C80 chargers when you charge Husqvarna 40-B140 replacement batteries. Refer to *Approved battery chargers on page 17* and *Approved batteries on page 17.*
- Do not try to disassemble the battery charger.
- Do not use a defective or damaged battery charger.
- Do not lift the battery charger by the power cord. To disconnect the battery charger from a mains socket, pull out the plug. Do not pull the power cord.
- Keep all cables and extension leads away from water, oil and sharp edges. Make sure that the cable is not caught between objects, for example, doors, fences or equivalent.
- Do not use the battery charger near flammable materials or materials that can cause corrosion. Make sure that the battery charger is not covered. Pull out the plug to the battery charger if there is smoke or fire.
- Only charge the battery indoors in a location with good airflow and away from sunlight. Do not charge the battery outdoors. Do not charge the battery in wet conditions.

- Only use the battery charger where the temperature is between 5 °C (41 °F) and 40 °C (104 °F). Use the charger in an environment which has a good airflow, dry and free from dust.
- Do not put objects into the cooling slots of the battery charger.
- Do not connect the battery charger terminals to metal objects as this can short circuit the battery charger.
- Use approved mains sockets that are not damaged. Make sure that the cord of the battery charger is not damaged. If extension cables are used, make sure that the extension cables are not damaged.

Safety instructions for maintenance



WARNING: Read the warning instructions that follow before you do maintenance on the product.

- When the machine is stopped for servicing, examination, or storage, or to change an accessory, Allow the machine to cool before making any examinations, adjustments, etc. Maintain the machine with care and keep it clean.
- Remove the battery before you do maintenance, other checks or assemble the product.
- The operator must only do the maintenance and servicing shown in this operator's manual. Speak to your servicing dealer for maintenance and servicing of a larger extension.
- Keep all nuts, bolts and screws tight to be sure the product is in safe working condition.
- Replace worn or damaged parts.
- If you do not do maintenance, it decreases the life cycle of the product and increases the risk of accidents.
- Special training is necessary for all servicing and repair work, especially for the safety devices on the product. If not all checks in this operator's manual are approved after maintenance, speak to your servicing dealer. We guarantee that there are professional repairs and servicing available for your product.
- Only use original spare parts.

Assembly

Blower mode



WARNING:

Cut injury can occur when the rotor blades turn or the product starts accidentally. Remove the battery and wait until the rotor blades stop before you assemble the product.

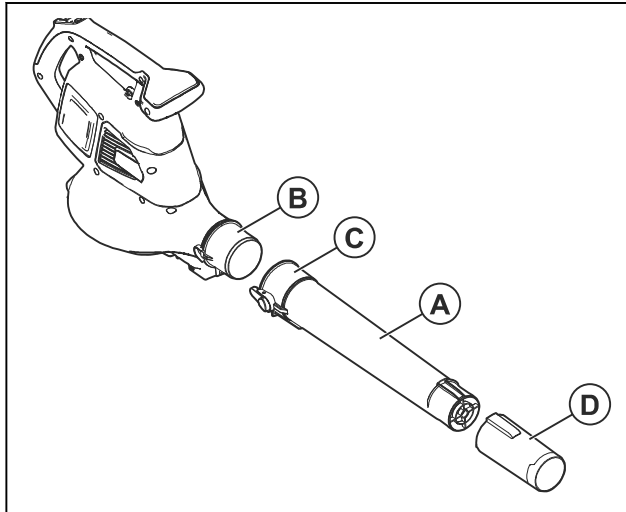


WARNING: Assemble the blower tube and the intake cover fully before you use the product in blower mode.

To assemble the blower tube

Note: When the blower tube is not assembled correctly, a safety switch will prevent the blower from starting.

1. Push the blower tube (A) onto the blower outlet (B).
The interlock (C) engages when you hear a click.

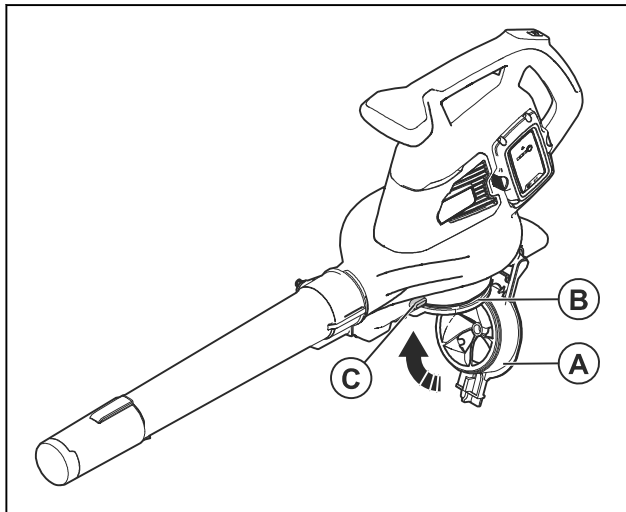


2. Install the blower nozzle (D) onto the blower tube.
The blower nozzle locks in position when you hear a click.

To assemble the intake cover

Note: When the intake cover is not assembled correctly, a safety switch will prevent the blower from starting.

- Close the intake cover (A) on the blower inlet (B).
The interlock (C) engages when you hear a click.



Vacuum mode



WARNING: Assemble the vacuum tube and the collection bag fully before you use the product in vacuum mode.

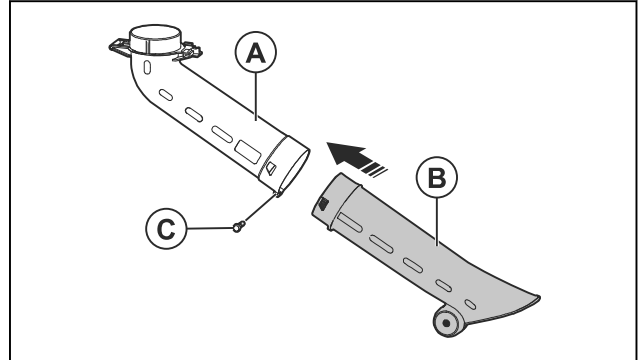
To assemble the vacuum tube



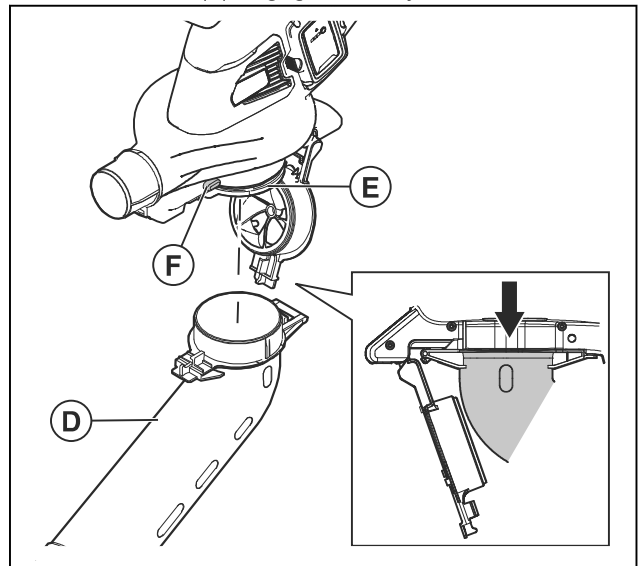
WARNING: Assemble the upper and lower vacuum tubes before you start the product.

Note: When the vacuum tube is not assembled correctly, a safety switch will prevent the vacuum from starting.

1. Align the slots on the upper vacuum tube (A) with the tabs on the lower vacuum tube (B).



2. Push the lower vacuum tube onto the upper vacuum tube until you hear a click.
3. Tighten the screw (C) .
4. Install the vacuum tube (D) to the vacuum inlet (E).
The interlock (F) engages when you hear a click.



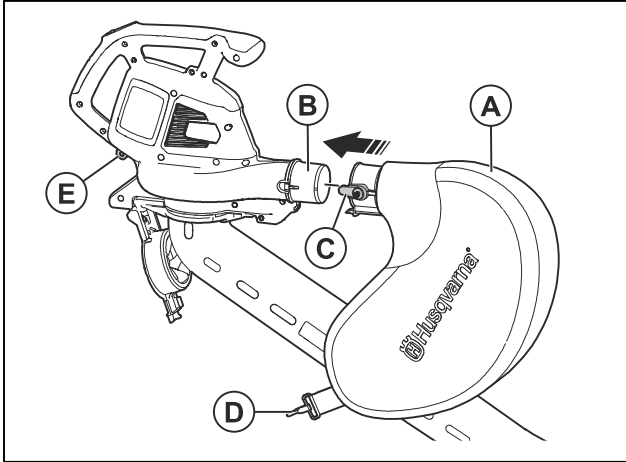
To assemble the collection bag

Note: If the collection bag is not assembled correctly, a safety switch will stop the product start procedure.

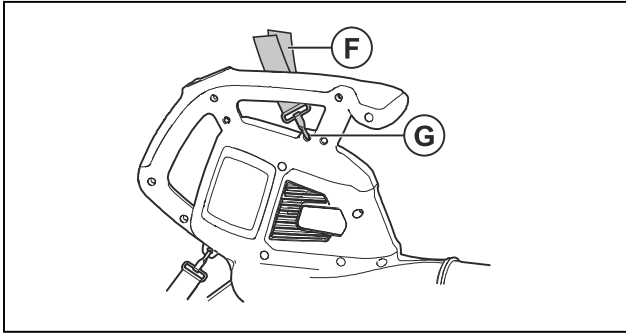


WARNING: Stop the machine before attaching or removing the bag.

1. Remove the blower tube if it is installed to the product.
2. Push the collection bag (A) onto the vacuum outlet (B). The interlock (C) engages when you hear a click.



3. Connect the collection bag strap (D) with the retainer (E).
4. Connect the shoulder strap (F) with the retainer (G).



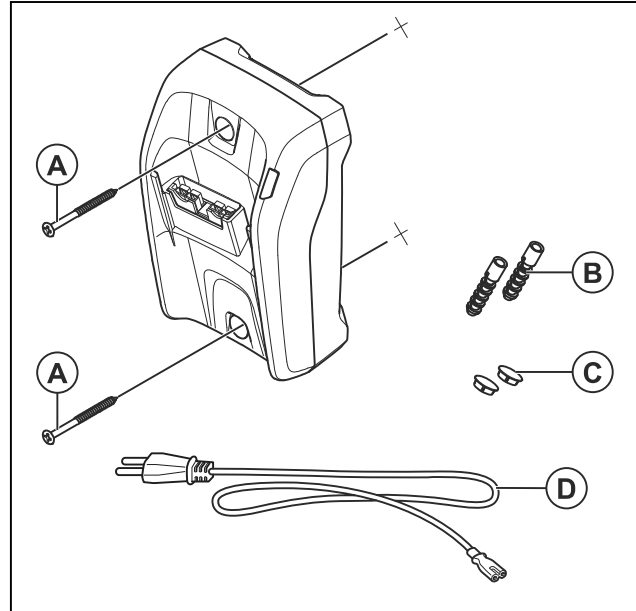
5. Make sure that the collection bag is fully closed.

To install the battery charger on the wall



CAUTION: Do not use an electric screwdriver to install the battery charger to the wall. An electric screwdriver can cause damage to the battery charger.

1. Install the battery charger on the wall with the 2 screws (A). Use wall plugs (B) if it is necessary.



2. Install the 2 screw hole plugs (C).
3. Connect the power cord (D) to the battery charger and a mains socket.

Operation

Introduction



WARNING: Read and understand the safety chapter before you use the product.

To do a function check before you use the product

1. Do a check of the air inlet for dirt and cracks. Use a brush and clean off grass and leaves from the product.
2. Make sure that the product works correctly.
3. Do a check of all nuts and screws and make sure that they are tight.

Battery



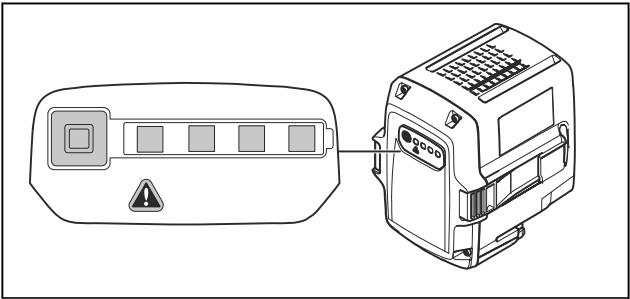
WARNING: Read and understand the safety chapter before you use the battery. Read and understand the operator's manual for the battery and the battery charger.

Keep the battery and the battery charger in the correct ambient temperatures.

	Ambient temperature
Operation of the battery	5 °C-40 °C / 41 °F-104 °F
Charging of the battery	5 °C-40 °C / 41 °F-104 °F

Battery status

The display shows the state of charge and if there are problems with the battery.



LED indicator	Battery state of charge
4 LED lights are on	The battery is 76% - 100% charged.
3 LED lights are on	The battery is 51% - 75% charged.
2 LED lights are on	The battery is 26% - 50% charged.
1 LED light is on	The battery is 6% - 25% charged.
1 LED light flashes	The battery is 0% - 5% charged.

To charge the battery

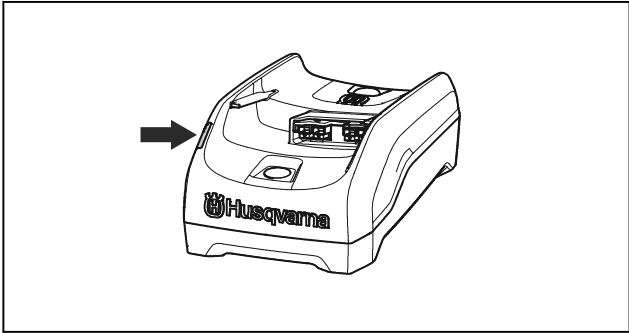
Charge the battery if it is the first time that you use it. A new battery is only 30% charged.



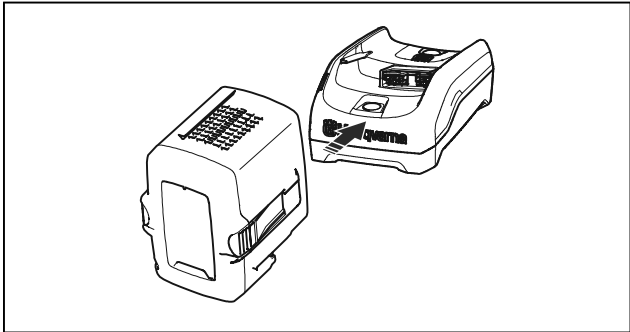
CAUTION: Connect the battery charger to a power outlet with the voltage and frequency that is specified on the rating plate.

The battery does not charge if the battery temperature is more than 50 °C/122 °F.

1. Connect the power cord to the battery charger.
2. Connect the battery charger to a grounded power outlet. The charging LED flashes one time.



3. Connect the battery to the battery charger. The charging LED comes on. Charge the battery for maximum 24 hours.



4. Push the battery indicator button, if all the LED indicators come on, the battery is fully charged.
5. Pull the power plug to disconnect the battery charger from the power outlet. Do not pull the power cord.
6. Remove the battery from the battery charger.

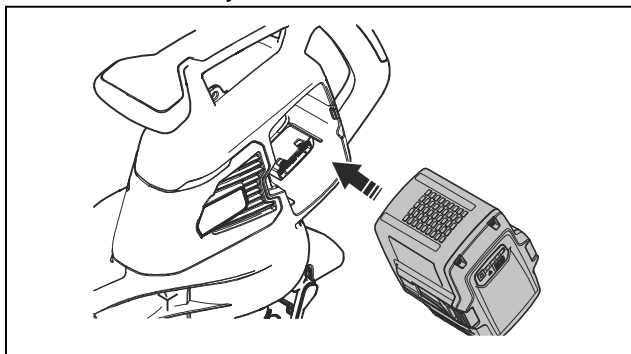
To connect the battery to the product



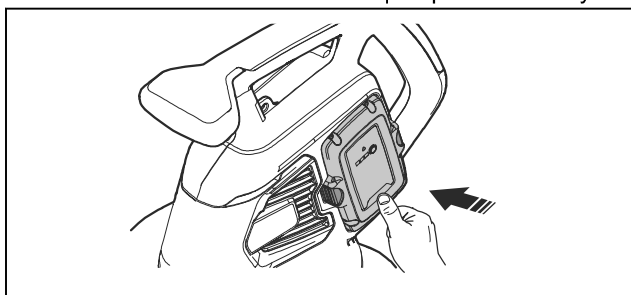
WARNING: Only use Husqvarna original batteries in the product.

1. Make sure that the battery is fully charged.

- Slide the battery into the battery holder of the product. The battery must slide easily, if not, it is not installed correctly.

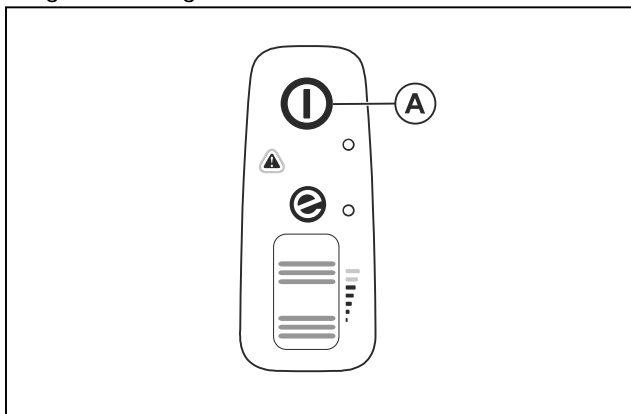


- Press the lower part of the battery and push it in as far as it will go into the battery compartment. The battery will lock into position when you hear a click.
- Make sure that the latches snap in place correctly.

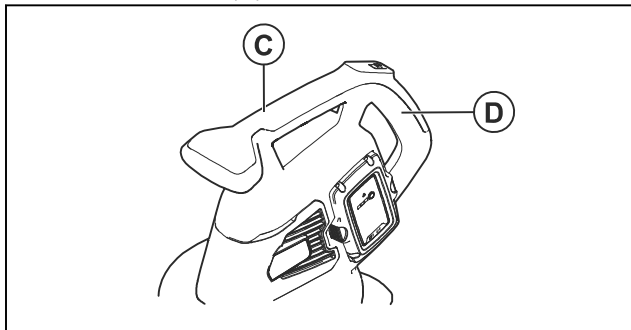


To start the product

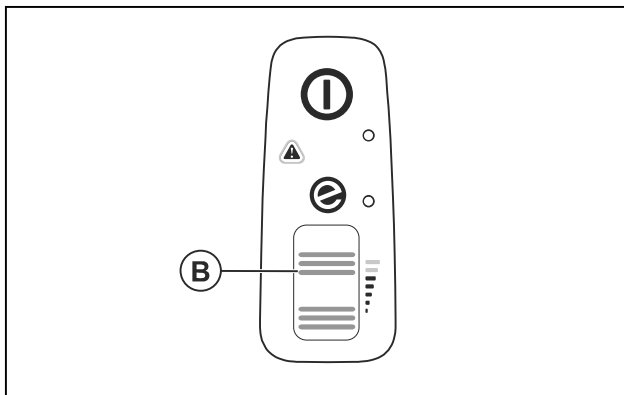
- Push and hold the start/stop button (A) until the green LED light comes on.



- Hold the auxiliary handle (C) with one hand and hold the main handle (D) with the other hand.

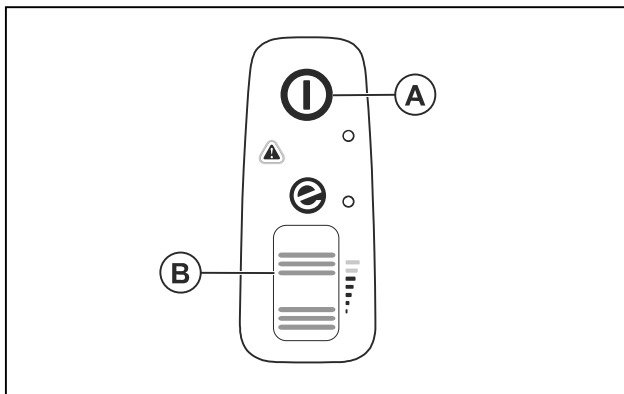


- Scroll the power wheel (B) up to start the blower mode or vacuum mode.



To stop the product

- Scroll the power wheel (B) down to stop the blower model or vacuum mode.

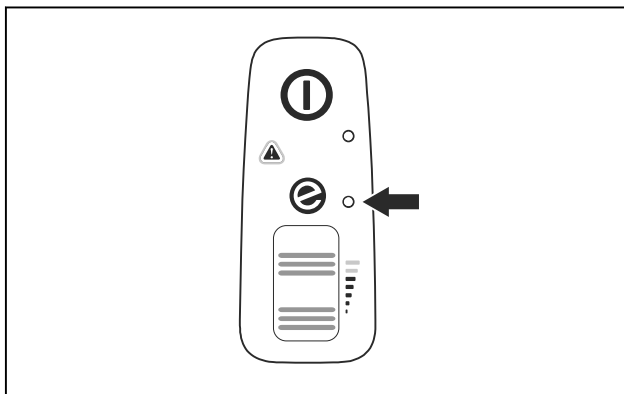


- Push and hold the start/stop button (A) until the green LED light goes off.

ECO mode

ECO mode increases the lifetime of the battery.

- Scroll the power wheel down to start the ECO mode. The LED light comes on when the ECO mode is started.



- Scroll the power wheel up to start the normal mode. The LED light goes off when the normal mode is started.

To empty the collection bag



WARNING:

Sharp objects can cause injury. Do not put your hands in the collection bag when you empty it.

1. Stop the product.
2. Remove the collection bag.
3. Turn the inner side of the collection bag out and remove the collected objects.

4. Clean the collection bag with a water hose.
5. Let the collection bag dry.
6. Assemble the collection bag.

Automatic shutdown function

The product has an automatic shutdown function that stops the product if it is not used. The product shuts down after 1 minute.

Maintenance

Introduction



WARNING: Before you do any maintenance work you must read and understand the safety chapter.

Maintenance schedule



WARNING: Remove the battery before you do maintenance.

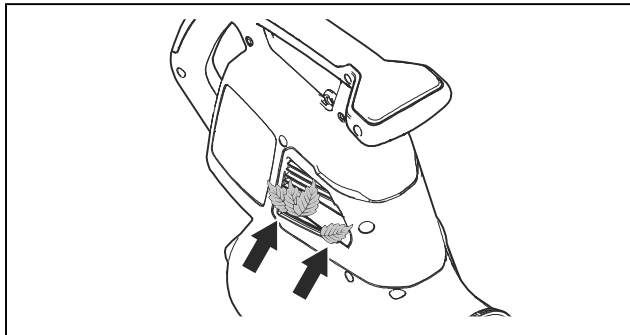
The following is a list of the maintenance steps that you must do on the product.

Maintenance	Daily	Weekly	Monthly
Clean the external surface with a clean and dry cloth. Do not use water.	X		
Keep the handles dry, clean and free from oil and grease.	X		
Make sure that the start/stop button operates correctly and is not damaged.	X		
Make sure the power wheel operates correctly in terms of safety.	X		
Examine the nuts and screws for tightness.	X		
Examine the battery for damage.	X		
	X		
Make sure that the release buttons on the battery operate correctly and that the battery locks into the product.	X		
Examine the battery charger for damage and make sure that it operates correctly.	X		
Examine all couplings, connections and cables for damage and make sure that they are free from dirt.		X	
Examine the connections between the battery and the product and also examine the connection between battery and the battery charger.			X
Clean the airflow slots with a soft brush (do not use a screwdriver).	X		
Remove and clean the blower tube or the vacuum tube.	X		
Empty and clean the collection bag. Refer to <i>To empty the collection bag on page 13</i> .	X		
Remove grass, leaves, dirt or any unwanted material from the intake opening and intake cover.	X		

Maintenance	Daily	Weekly	Monthly
Examine the fan impeller for contamination and clean the fan impeller if necessary with a dull, long object.	X		

To do a check of the air intake

1. Make sure that the air intake is not blocked on the sides on the product.



2. Stop the product and remove leaves or unwanted material if it is necessary.



CAUTION: A blocked air intake decreases the blow capacity of the product and increases the work temperature of the motor. This can

result in motor failure because the motor becomes too hot.

To examine the battery and the battery charger

1. Examine the battery for damages, for example cracks.
2. Examine the battery charger for damages, for example cracks.
3. Make sure that the connection cord of the battery charger is not damaged and that there are no cracks in it.

To clean the product, the battery and the battery charger

1. Clean the product with a dry cloth after use.
2. Clean the battery and battery charger with a dry cloth. Keep the battery guide tracks clean.
3. Make sure that the terminals on the battery and the battery charger are clean before the battery is put in the battery charger or the product.

Troubleshooting

User interface

User interface	Possible faults	Possible solution
Red error LED flashes.	Temperature deviation.	Let the product become cool.
	Tube or fan cover is removed.	Assemble the tube or fan cover.
	Battery error.	Replace the battery or charge the battery.
	Servicing is necessary.	Speak to your servicing dealer.
The product does not start.	Dirt in battery connectors.	Clean with compressed air or a soft brush.

Battery

LED display	Possible faults	Possible solution
Green LED flashes.	Low battery voltage.	Charge the battery.
Error LED flashes.	Temperature deviation.	Use the battery in temperatures between -10°C (14°F) and 40°C (104°F).
	Too much voltage.	Make sure that the mains voltage aligns with the voltage of the product. Refer to the rating plate on the product.
		Remove the battery from the battery charger.
Error LED comes on.	Too much cell difference (1V).	Speak to your servicing dealer.

Battery charger

Condition	Possible faults	Possible procedure
The charging LED is red.	Permanent battery charger error.	Speak to your dealer.
The charging LED flashes green.	Temperature deviation, the battery is too cold or too hot to use or charge.	Let the battery cool down or warm it up. When the battery has the correct temperature, it can be used or charged again. Use the battery charger in ambient temperatures between 5 °C (41 °F) and 40 °C (104 °F).
The charging LED flashes red.	Faulty battery	Speak to your dealer.

Transportation, storage and disposal

Transportation and storage

- The supplied Li-ion batteries obey the Dangerous Goods Legislation requirements.
- Obey the special requirement on package and labels for commercial transportation, including by third parties and forwarding agents.
- Speak to a person with special training in dangerous material before you send the product. Obey all applicable national regulations.
- Use tape on open contacts when you put the battery in a package. Put the battery in the package tightly to prevent movement.
- Always allow the machine to cool before storing.
- Remove the battery for storage or transportation.
- Put the battery and the battery charger in a space that is dry and free from moisture and frost.
- Do not keep the battery in an area where static electricity can occur. Do not keep the battery in a metal box.
- Put the battery in storage where the temperature is between 5°C/41°F and 25°C/77°F and away from open sunlight.
- Put the battery charger in storage where the temperature is between 5 °C/41 °F and 45°C/113°F and away from open sunlight.
- Use the battery charger only when the surrounding temperature is between 5°C/41°F and 40°C/104°F.
- Charge the battery 30% to 50% before you put it in storage for long periods.
- Put the battery charger in storage in a space that is closed and dry.
- Keep the battery away from the battery charger during storage. Do not let children and other not

approved persons to touch the equipment. Keep the equipment in a space that you can lock.

- Clean the product and do a full servicing before you put the product in storage for a long time.
- Use the transportation guard on the product to prevent injuries or damage on the product during transportation and storage.
- Attach the product safely during transportation.

Disposal of the battery, battery charger and product

The symbol below means that the product is not domestic waste. Recycle it at a recycling station

for electrical and electronic equipment. This helps to prevent damage to the environment and to persons.

Speak to local authorities, domestic waste service or your dealer for more information.



Note: The symbol shows on the product or package of the product.

Technical data

Technical data

	120iBV
Motor	
Motor type	BLDC (brushless) 36V
Weight	
Weight without battery, kg	4.6
Noise emissions ¹	
Sound power level, measured dB (A)	97
Sound power level, guaranteed L _{WA} dB (A)	100
Sound levels ²	
Equivalent sound pressure level at the operator's ear, measured according to EN ISO 11203 and ISO 22868, dB (A):	84
Vibration levels ³	
Vibrations levels at front/rear handle, measured according to ISO 22867, m/s ²	1.4/1.7
Fan performance	
Air flow in normal mode with standard nozzle, m ³ /min	6.7
Maximum air velocity in normal mode with standard nozzle, m/s / mph	50/111

Noise and vibration data are determined on the basis of the rated maximum speed.

¹ Noise emissions in the environment measured as sound power (L_{WA}) in conformity with EC directive 2000/14/EC. Reported sound power level for the machine has been measured with the original cutting attachment that gives the highest level. The difference between guaranteed and measured sound power is that the guaranteed sound power also includes dispersion in the measurement result and the variations between different machines of the same model according to Directive 2000/14/EC.

² Reported data for equivalent sound pressure level for the machine has a typical statistical dispersion (standard deviation) of 3 dB (A).

³ Reported data for vibration level has a typical statistical dispersion (standard deviation) of 1.5 m/s².

Approved batteries

Only use Husqvarna original 40-B batteries for this product.

Approved batteries

Battery	40-B140
Type	Lithium-ion
Battery capacity, Ah	4
Nominal voltage, V	36
Weight, kg	1.25

Approved battery chargers

Battery charger	40-C80
Mains voltage, V	100-240
Frequency, Hz	50-60
Power, W	72
Output Voltage, V d.c./ Amps, A	43/1.6

Declaration of Conformity

EU Declaration of conformity

We, **Husqvarna AB**, SE-561 82 Huskvarna, SWEDEN,
tel: +46-36-146500, declare on our sole responsibility
that the product:

Description	Handheld garden blower/vacuum
Brand	Husqvarna
Type / Model	120iBV
Identification	Serial numbers dating from 2022 and onwards

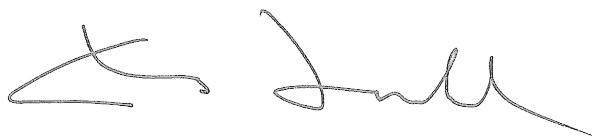
complies fully with the following EU directives and regulations:

Regulation	Description
2006/42/EC	"relating to machinery"
2014/30/EU	"relating to electromagnetic compatibility"
2011/65/EU	"on the restriction of the use of certain hazardous substances in electrical and electronic equipment"
2000/14/EC	"relating to the noise emissions in the environment"

and that the following standards and/or technical specifications are applied: EN 60335-1:2012+A11+A13+A1+A14+A2+A15, EN 50636-2-100:2014, EN IEC 63000:2018, EN ISO 12100:2010, EN IEC 55014-1:2021; EN IEC 55014-2:2021

In accordance with directive 2000/14/EC, Annex V, refer to *Technical data on page 16* for the declared sound values.

Huskvarna, 2023-01-16



Claes Losdal, R&D Manager, Husqvarna AB

Responsible for technical documentation



UK Declaration of conformity

We, **Husqvarna AB**, SE-561 82 Huskvarna, SWEDEN,
tel: +46-36-146500, declare on our sole responsibility
that the product:

Description	Handheld garden blower/vacuum
Brand	Husqvarna
Type / Model	120iBV
Identification	Serial numbers dating from 2022 and onwards

complies fully with the following UK regulations:

Description
The Supply of Machinery (Safety) Regulations 2008
Electromagnetic Compatibility Regulations 2016
The Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

and that the following standards and/or
technical specifications are applied: EN
60335-1:2012+A11+A13+A14+A2+A15, EN
50636-2-100:2014, EN IEC 63000:2018, EN ISO
12100:2010, EN IEC 55014-1:2021; EN IEC
55014-2:2021

In accordance with S.I. 2001/1701, Schedule 8, refer
to *Technical data on page 16* for the declared sound
values.

Huskvarna, 2023-01-16



Claes Losdal, R&D Manager, Husqvarna AB

Responsible for technical documentation

**UK
CA**

UK Importer:
Husqvarna UK Ltd
Preston Road, Co. Durham
DL5 6UP