

RYOBI®

R18HAC

ORIGINAL INSTRUCTIONS

Hybrid Air Cannon



Important!

This appliance is not intended for use by persons (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.

It is essential that you read the instructions in this manual before operating this machine.

Subject to technical modifications.

Safety, performance, and dependability have been given top priority in the design of your floor fan.

INTENDED USE

The floor fan is intended to be used only by adults who have read and understood the instructions and warnings in this manual, and can be considered responsible for their actions.

The product is intended for general ventilation of most household spaces.

Do not use the product in any way other than those stated for intended use.

GENERAL POWER TOOL SAFETY WARNINGS

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

Save all warnings and instructions for future reference..

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

Work area safety

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

Electrical safety

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

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.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- **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.

Power tool use and care

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power**

tool repaired before use. Many accidents are caused by poorly maintained power tools.

- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- **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.

Battery tool use and care

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

Service

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

HYBRID AIR CANNON SAFETY WARNINGS

- **Know the product.** Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- **Do not disassemble the product.**
- **Do not attempt to modify this product or create accessories not recommended for use with this product.** Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.
- **Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged.** Use of a product that is not properly and completely assembled could result in serious personal injury.
- **Do not use this product to exhaust hazardous or explosive materials and vapors.** It is intended for general ventilating use only.
- **Do not open or modify the product, otherwise the warranty will be voided.**
- **To reduce the risk of injury, close supervision is necessary when a product is used near children.**
- **Do not allow children to operate this product.** It is not a toy.
- **Cleaning and user maintenance shall not be made by children without supervision.**
- **Never leave the product running unattended. Remove the battery pack after use.**
- **To reduce the risk of personal injury and electric shock, the portable fan should not be played with or placed where small children can reach it.**
- **It is possible that unsecured hair may be drawn into this fan and may become entangled and may cause injury.** Keep loose or flying hair away from this product at all times.
- **Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition.** Be aware of possible hazards when not using your battery tool or when changing accessories. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not place battery tools or their batteries near fire or heat.** Following this rule will reduce the risk of explosion and possibly injury.
- **Never use a battery that has been dropped or received a sharp blow.** A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- **Batteries can explode in the presence of a source of ignition, such as a pilot light.** To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- **Do not charge battery tool in a damp or wet location.** Following this rule will reduce the risk of electric shock.

- Do not expose the product to rain. Water entering the product will increase the risk of electric shock or malfunction.
- For best results, your battery tool should be charged in a location where the temperature is more than 10°C (50°F) but less than 38°C (100°F). Do not store outside or in vehicles.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.
- Exhausted batteries are to be removed from the appliance and safely disposed of.
- Remove the battery pack when storing the product not to be used for a long period.
- The supply terminals are not to be short-circuited.
- Ensure that the product is switched off and disconnected from the supply mains / battery pack before removing the guard.
- Keep the product dry, clean and free from oil and grease. Always use a clean cloth when cleaning.
- When using the product outdoors, the manufacturer recommends the use of an RCD device with a trip set at 30 mA.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also to prevent misuse of the product and possible injury.
- Ambient temperature range for tool during operation is between 0°C and 40°C.
- Ambient temperature range for tool storage is between 0°C and 40°C.
- The recommended ambient temperature range for the charging system during charging is between 10°C and 38°C.

ADDITIONAL BATTERY SAFETY WARNINGS

- To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit.
- Ambient temperature range for battery during use is between 0°C and 40°C.
- Ambient temperature range for battery storage is between 0°C and 20°C.

TRANSPORTING LITHIUM BATTERIES

Transport the battery in accordance with local and national provisions and regulations.

Follow all special requirements on packaging and labelling when transporting batteries by a third party. Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed

connectors with insulating, non-conductive caps or tape. Do not transport batteries that are cracked or leaking. Check with the forwarding company for further advice.

MAINTENANCE

- The product should never be connected to a power supply when assembling parts, making adjustments, cleaning, performing maintenance, or when the product is not in use. Disconnecting the product from the power supply will prevent accidental starting that could cause serious injury.
- When servicing, use only original manufacturer's replacement parts, accessories and attachments. Use of any other parts may create a hazard or cause product damage.
- Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.
- Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and can be damaged by their use. Use dry cloths to remove dirt, dust, oil, grease, etc.
- For greater safety and reliability, all repairs should be performed by an authorised service centre.

LUBRICATION

All of the bearings in the product are lubricated with a sufficient amount of high grade lubricant for the life span of the product under normal operating conditions. Therefore, no further lubrication is required.

ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing of as waste. The machine, accessories and packaging should be sorted for environmental-friendly recycling.

SYMBOLS



Safety alert



Volts



Direct current



The product can be used in a tropical climate.



Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.



Please read the instructions carefully before starting the machine.



Class II, double insulated



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

SYMBOLS IN THIS MANUAL



Note



Parts or accessories sold separately

The following signal words and meanings are intended to explain the levels of risk associated with this product:

DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

WARNING

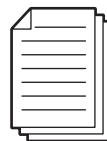
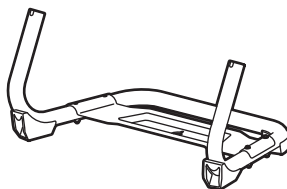
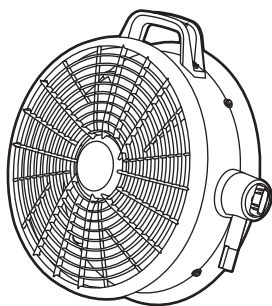
Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

CAUTION

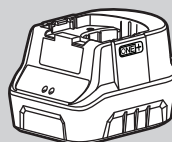
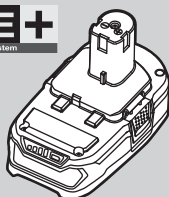
Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION

(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

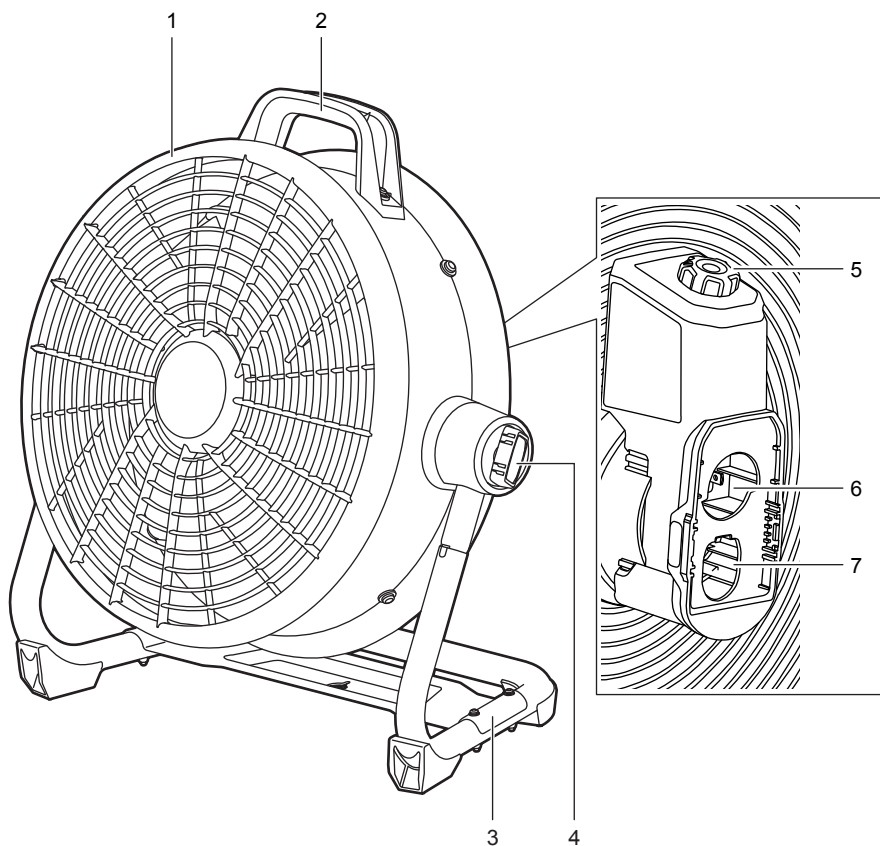


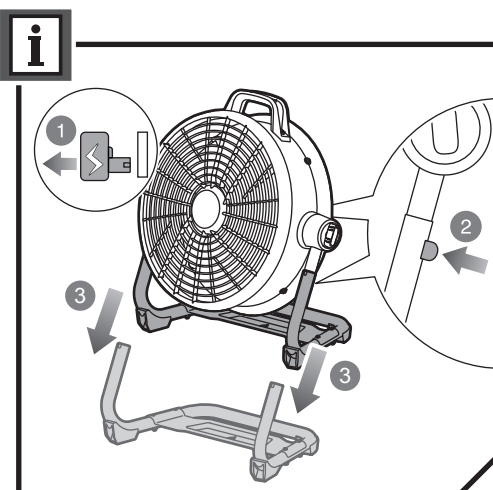
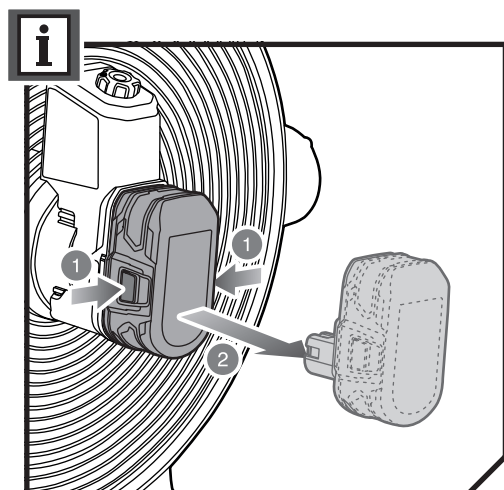
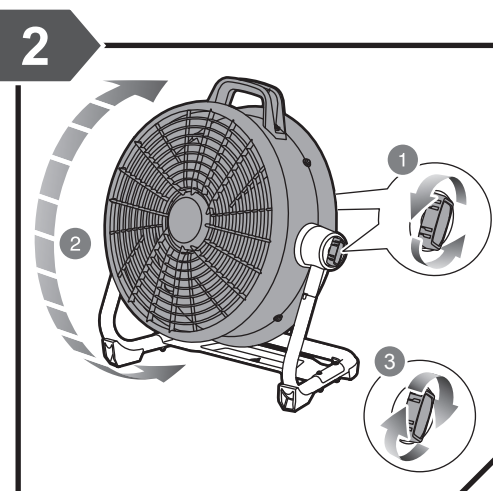
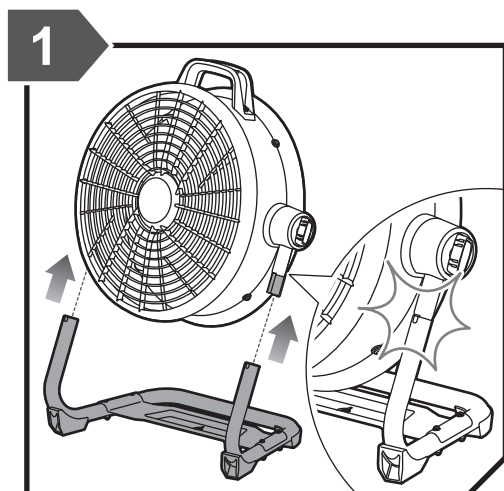
RYOBI
ONE+
My System

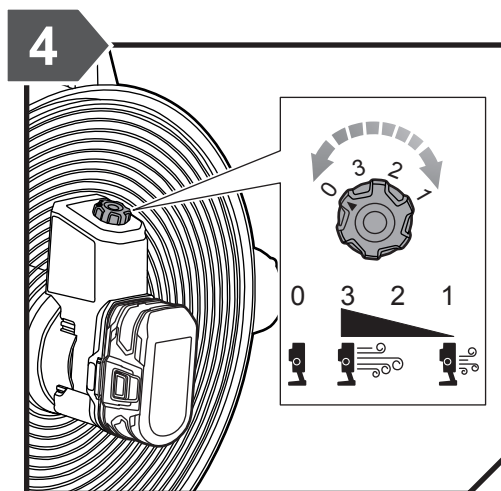
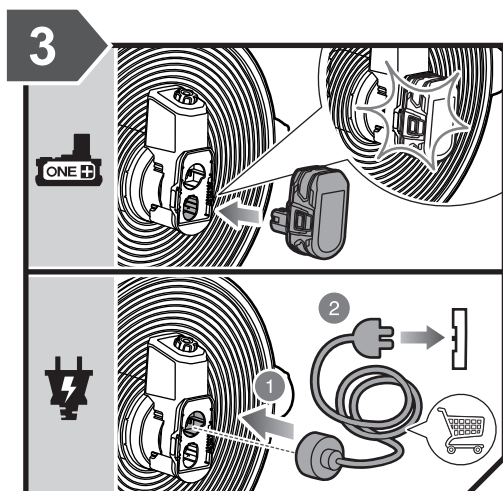


KNOW YOUR PRODUCT

1. Adjustable head
2. Carry handle
3. Frame
4. Angle adjustment knob
5. 3 speed dial
6. AC adaptor
7. Battery port









NOTE: There is a 1/2 second delay when switching between speeds and ON/OFF.

PRODUCT SPECIFICATIONS

Hybrid air cannon	
Model	R18HAC
Voltage	18 V  220 - 240V  50Hz
Wattage	55 W
Fan speed	550 / 800 / 1050 rpm
Flow rate	3100 / 4000 / 4400 m³/hr
Drum diameter	45 cm
Drum rotation	220°
Weight - not incl. battery pack	6.9 kg

BATTERY AND CHARGER

Model	Compatible battery pack (not included)	Compatible charger (not included)
Lithium-Ion	RB18L13 – RB18L90A	BCS618G BCL1418IV* BCL1418..H RC18..

* for vehicles with 12V DC outlets





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