

# BENCHMARK<sup>TM</sup> MC

## 40V MAX<sup>†</sup> BRUSHLESS AXIAL FAN BLOWER

Item # 5124-051



LIMITED  
**5** YEAR\*  
WARRANTY

Includes 2 batteries & 1 charger  
5 Year Limited Warranty on tool  
3 Year Limited Warranty on battery and charger



**SF8A516-B**

**READ ALL INSTRUCTIONS BEFORE FIRST USE.  
KEEP THIS MANUAL FOR FUTURE REFERENCE.  
KEEP AWAY FROM CHILDREN.**

<sup>†</sup> Uses two 20V Max lithium-ion batteries that deliver an initial battery voltage (measured without a workload) of 40 volts. Nominal voltage is 36V.



**WEAR CSA APPROVED  
EYE PROTECTION**



**WEAR EAR  
PROTECTION**



**WEAR A  
FACE MASK**

## PRODUCT SPECIFICATIONS

### 40V MAX† BRUSHLESS AXIAL FAN BLOWER

Voltage	40V (2 x 20V)
Variable No-Load Speed	9,000-23,000 RPM
Max Air Speed	Up to 150 MPH (241km/h)
Maximum Air Volume	Up to 620 CFM
Tool Operating Weight	9.65 lbs. (4.38 kg)

### BATTERY AND CHARGER

Battery Voltage	2x20V 5Ah Li-ion (Maximum charged battery voltage, measured without load, is 20V with a nominal value of 18V)
Charge Time	Up to 160 minutes

### REPLACEMENT PARTS AVAILABLE AT HOME HARDWARE

Replacement Battery	5350-012 (5Ah) 5350-049 (8Ah)
Replacement Charger	5350-024 dual 2.4A charger (charge 2.0Ah to 5.0Ah) 5350-048 dual 4A charger (charge 2.0Ah to 8.0Ah) 5350-022 6A fast charger (charge 2.0Ah to 8.0Ah)

### NEED ASSISTANCE?

Call us on our toll-free customer support line:  
1-866-349-8665 (Monday through Friday 9am – 5pm Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package

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## GENERAL SAFETY WARNINGS









### IMPORTANT SAFETY INSTRUCTIONS






#### READ AND UNDERSTAND ALL SAFETY AND OPERATIONAL INSTRUCTIONS.

Failure to follow the safety rules listed below and other basic safety precautions may result in serious personal injury. KEEP THIS MANUAL, SALES RECEIPTS AND APPLICABLE WARRANTY FORMS FOR FUTURE REFERENCE.

#### Safety Symbols

The purpose of safety symbols is to alert you of the potential safety RISKS. Recognize and understand them. Follow the instructions provided.

 <b>SYMBOL</b>	<b>MEANING</b>
 <b>DANGER</b>	Failure to obey a DANGER safety alert <b>WILL</b> result in serious personal injury or death to you or to others. Always obey all messages following this symbol to reduce the risk of serious personal injury or death.
 <b>WARNING</b>	Failure to obey a WARNING safety alert <b>MAY</b> result in serious personal injury or death to you or to others. Always obey all messages following this symbol to reduce the risk of potential serious personal injury or death.
 <b>CAUTION</b>	Failure to obey a CAUTION safety alert <b>MAY</b> result in personal injury or property damage to you or to others. Always obey all messages following this symbol to reduce the risk of personal injury or property damage.
 <b>NOTICE</b> <b>CAUTION</b>	Failure to obey a NOTICE or a CAUTION (without a safety alert) <b>MAY</b> result in property damage to you or to others. Always obey all messages following this symbol to reduce the risk of property damage.
 <b>DANGER</b>    	<p><b>ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CSA Z94.3 or ANSI SAFETY STANDARD Z87.1</b></p> <p>FLYING DEBRIS can cause permanent eye damage. Prescription eyeglasses ARE NOT a replacement for proper eye protection. The usage of a safety standard compliant face shield placed over proper safety glasses or goggles can reduce the risk of facial injury.</p> <p><b>Non-compliant eyewear can cause serious injury if broken during the operation of a power tool.</b></p>

SYMBOL	MEANING
	<p><b>Use hearing protection, particularly during extended periods of operation of the tool, or if the operation is noisy.</b></p>
	<p><b>Wear a dust mask that is designed to be used when operating a power tool in a dusty environment.</b></p>
	<p><b>Always wear nonslip gloves that fit properly to protect your hands and to help you grip the tool.</b></p> <p><b>Always wear sturdy clothing with long sleeves and long pants. Never operate the tool while wearing shorts, short sleeve shirts or shirtless.</b></p> <p><b>Always wear nonslip safety boots to prevent foot injuries and slipping that could cause loss of control of the tool.</b></p>
	<p><b>To avoid electrical hazards, fire hazards or damage to the tool, use proper circuit protection.</b></p> <p>This battery charger is wired at the factory for 120 V AC operations. It must be connected to a 120 V AC, 15 A circuit that is protected by a time-delayed fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.</p>
	<p><b>WARNING:</b> Ventilation openings in batteries and chargers must always be open to allow cooling air to circulate freely. Air vents that are blocked, restricted or covered may result in the battery or charger overheating. Overheating may lead to damage to the tool or cause a fire, resulting in possible serious injury.</p>

## **ELECTRIC GARDENING TOOL SAFETY**

### **GENERAL SAFETY WARNINGS**

**⚠ WARNING: Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

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

#### **General Electric Gardening Tool Safety Warnings – Work Area Safety**

**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 liquids, fumes or dust.

**Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### **General Electric Gardening Tool Safety Warnings – Electrical Safety**

**Battery charger plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) chargers.** Unmodified plugs and matching outlets will reduce risk of electric shock.

**Avoid body contact with earthed or grounded surfaces such as water pipes.** There is an increased risk of electrical shock if your body is earthed or grounded.

**Do not expose power tools, battery chargers or batteries to rain or wet conditions.** Water entering the tool, chargers or batteries will increase the risk of electric shock.

**Do not abuse the cord. Never use the power cord for carrying, pulling or unplugging the charger. Keep the power cord away from heat, oil, sharp edges, and moving parts.** Damaged or entangled cords increase the risk of electric shock.

**When operating the charger outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

**Never operate a power tool in the rain.**

**If operating a charger in a damp location is unavoidable, use a residual current device (RCD) protected supply. An RCD is also known as a ground fault circuit interrupter (GFCI) or earth leakage circuit breaker (ELCB).** Use of an RCD reduces the risk of electric shock.

#### **General Electric Gardening Tool Safety Warnings – Personal Safety**

**Stay alert, be aware of your surroundings, watch what you are doing and use your best judgment 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 a power tool may result in serious personal injury.

**Use personal protective equipment.** Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes or boots, sturdy gloves, durable long pants, long sleeve shirt and hearing protection will reduce the risk of personal injuries.

**Prevent unintentional starting. Ensure the switches are in the off-position before connecting the battery to the power tool or plugging it into the power supply. Never pick up or carry the power tool with your finger on the trigger switch.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invite accidents.

**Remove any adjustment 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, clothing and gloves away from moving parts.** Loose clothing, jewellery or long hair can be caught in moving parts.

**Do not force the tool. Use the correct tool for the application.** The correct power tool will do the job better and safer when used at the rate for which it was designed.

**Do not use a power tool if the switch does not turn it on or off.** Any power tool that cannot be controlled using the switch is dangerous and must be repaired.

**Remove the battery from the power tool or the plug from the power source before making any adjustments, replacing or repairing parts, cleaning the tool, leaving the tool idle or unattended, transporting or storing the tool.** 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. 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.

**Use the power tool and accessories 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.

#### **General Electric Gardening Tool Safety Warnings – Service**

**Have your power tool or charger serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool or charger is maintained.

## SPECIFIC SAFETY RULES

**⚠ WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects, or other reproductive harm, Some samples of these chemicals are:**

- lead from lead-based paints
- crystalline silica from bricks and cement and other masonry products
- arsenic and chromium from chemically-treated lumber

**Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.**



**⚠ WARNING:** Know your blower. Do not plug in the charger or install battery onto the tool until you have read and understand this Instruction Manual. Learn the tool's applications and limitations, as well as the general and specific potential hazards related to this tool. Following these instructions will reduce the risk of electric shock, fire or serious injury.



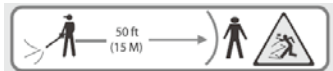
**⚠ WARNING:** Always wear appropriate eye protection. Any power tool can throw foreign objects into your eyes and cause permanent eye damage. ALWAYS wear appropriate safety goggles or properly fitted safety glasses that comply with the most recent version of ANSI Z87.1 safety standards. Ordinary vision or sunglasses generally do not provide adequate impact or side shield / wrap around penetration protection. Ordinary glasses ARE NOT safety glasses. To reduce the risk of injury to your face you should also wear a face shield over your safety goggles or safety glasses.



**⚠ WARNING:** Glasses, goggles or face shields not in compliance with ANSI Z87.1 or CAN/CSA - Z94.3 could cause serious injury if they break upon impact.



**⚠ WARNING:** Use hearing protection. Use hearing protection such as ear plugs or ear muffs to protect your hearing, particularly if the blower is used for extensive periods or if the surrounding environment of operation exposes the operator to loud noises. When wearing hearing protection, you will have impaired ability to hear alarms, warnings and shouts from approaching people or approaching vehicles. Be extra diligent and observant of hazards and bystanders when wearing hearing protection devices. When someone approaches, turn the blower OFF immediately.





**WARNING:** The high velocity of the air flow coming through the nozzle will throw objects and debris violently. These objects and debris will ricochet in all directions. You or bystanders can be blinded or injured. Keep children, bystanders, pets and other animals at least 50 feet (15 meters) away from the operating blower. Turn the blower OFF immediately if approached, or if you are approaching such bystanders. Bystanders should be encouraged to wear eye protection, even if they are kept at a distance.

Thrown objects may also ricochet and strike the operator or bystander.

Utilize extra caution, when the blower is being used near, or on paved or hard surfaces, pieces of metal, concrete, brick, stones, gravel, sand, glass, sticks and other objects can be thrown at high speed and force and such objects can be thrown, skip along or ricochet long distances off of hard surfaces.

Do not use this blower for sweeping debris that may contain hard objects, e.g. pebbles, stones, sticks, glass, metal, etc. as such hard objects can be thrown with great force and cause injury to the operator or bystanders, and / or damage property, e.g., screens, windows, building siding, glass doors, or vehicles.

Avoid operating the blower near property that can be easily damaged by thrown or ricocheting objects such as screens, windows, building siding, glass doors and vehicles.



**WARNING:** Always wear breathing protection when operating the blower. Bystanders should be encouraged to wear breathing protection devices even if they are kept at a distance as hazardous dust can travel considerable distances, especially if the dust is wind-blown.



**WARNING:** Know what you are going to blow before you blow.

**WARNING:** Inspect the area to be cleared for hazards before each use. Remove any foreign objects such as sticks, rocks, broken glass, nails, wire, tools, toys, etc. which can be thrown by the blower.



**WARNING:** If you are suspicious or uncertain if the material that you are considering blowing would cause hazardous dusts, first identify and investigate the nature of the materials.

If the materials have the potential to be hazardous, do not use the blower. Instead, utilize other safe clean up procedures and disposal procedures. If you are suspicious that you have been blowing or come into contact with asbestos, or crystalline silica materials or hazardous chemical or biological materials, contact your doctor, your employer if your use of the blower is job related, and the local EPA or OSHA representative immediately. Clean up and dispose of hazardous chemicals and substances prior to using the blower, using appropriate clean up procedures, personal protective equipment, and disposal methods.



**WARNING:** Dust created by use of this product may contain chemicals known to the State of California and medical experts to cause cancer, respiratory injuries birth defects or other reproductive harm. Some examples of these chemicals are:

- Compounds in fertilizers
- Compounds in insecticides, herbicides and pesticides
- Arsenic and chromium from chemically treated lumber

- Commercial and household chemicals.

To reduce your exposure to these chemicals, wear approved safety equipment such as dust and / or vapor masks that are specifically designed to filter out microscopic particles or gaseous components. Additionally, dust created by these products may contain allergens, bacteria and viruses, PM 10 and / or PM 2.5 particulates, exposure to such hazardous airborne matter can be reduced by wearing approved safety equipment such as dust masks that are specifically designed to filter out the microscopic particles.

**⚠ WARNING:** Breathing asbestos or dust with silica in its composition may contain hazardous crystalline silica, Silica is a fundamental component of sand, quartz, brick, clays, granite and many other materials and rocks, including masonry, concrete and cement products. Such crystalline silica dust is dangerous and must be avoided, as it can cause severe or fatal respiratory illness or cancer.

**⚠ WARNING:** Avoid blowing near open windows or doors, or anywhere near bystanders or animals as doing such may cause exposure to the potentially hazardous dust, particularly down-wind of your blowing operation due to the respiratory hazard reasons stated above.

Do not work against the wind as the dust will blow back towards the operator increasing the exposure to the dust.

Keep the blower below waist level and point the blower nozzle below waist level.

**⚠ WARNING:** Check the air intake screen before each use to make sure it is in good condition. If any damage is identified, replace the part immediately before using the blower. A damaged air intake screen will cause your fingers to be injured by the fan.

**⚠ WARNING:** Never operate the blower without the nozzle and the intake fan screen in place. Serious injury or damage to the blower may result.

**⚠ WARNING:** Never insert a foreign object such as a screwdriver, stick etc. into the nozzle, blower tube or the intake fan screen, Any foreign article that becomes lodged in the air system may be ejected at great speed causing serious injury when the blower is turned ON. It may also severely damage the blower fan.

**⚠ WARNING:** Always remove the batteries when making adjustments, changing the nozzle, removing debris from the air intake screen, leaving the tool idle or unattended, cleaning, servicing, storing or transporting the tool. Such preventive measures reduce the risk of starting the tool accidentally and causing serious injury.

**⚠ WARNING:** Never modify the blower in any way. It is designed to be used only with the blower tube, nozzle and batteries that are supplied with the tool. The use of any other accessory or modifying the tool may create a safety hazard. This action will also void the warranty.

Never use blower near fires, fireplaces, hot ashes, barbecue pits, etc. Use near fires or ashes can spread fires and result in serious injury and/or property damage.

Never use blower to spread chemicals, fertilizers, or any other toxic substances. Spreading these substances could result in serious injury to the operator or bystanders.

Never use the blower without the nozzle properly installed. This will allow you to direct the air flow where you want it and make the tool more efficient.

Always keep the handles clean. Handles that are covered with grease, chemicals or debris will make holding onto the blower difficult. Use a clean cloth dampened with soapy water to clean these surfaces.

Never use a pressure washer, garden hose or any other liquid or chemical solvents to clean the blower.

**⚠ WARNING:** When blowing very dusty materials in extremely dry conditions for long periods of time, static electricity may build up and discharge without warning. To avoid this situation in dry dusty conditions, only operate the blower for short periods of time and turning the blower OFF at regular intervals.

Maintain firm footing and balance at all times. Do not overreach or use the blower from unstable surfaces such as ladders, trees, steep slopes, slippery surfaces, rooftops, etc.

Always grasp the blower using the handles on the machine.

Use only in daylight or in good quality artificial light.

Never use the blower for anything other than its intended purpose. Use for anything other than blowing leaves, grass, weeds or lawn debris can be dangerous. It may also damage the blower.

**⚠ WARNING:** DO NOT attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void the warranty.

## 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.

## BATTERY PACK & CHARGER SAFETY

### BATTERY SAFETY INSTRUCTIONS

**⚠ WARNING:** Only use the charger supplied with this kit to charge the 20V Li-ion batteries for this tool. Charging any other batteries may damage the charger and possibly cause serious injury.

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. Incorrect use may result in electric shock, overheating or leakage of corrosive liquid from the battery.
2. Use the blower only with specifically designated battery packs. Use of other battery packs may create a risk of injury and fire.
3. Be aware of possible hazards when the tool is not in use or when changing accessories. To reduce risk, remove battery packs from the tool while not in operation. This will reduce the risk of electric shock, fire or serious personal injury.


4. Do not place appliances or their batteries near fire or heat. Continuous intense sunlight, fire or other heat sources may cause an increased danger of explosion.
5. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger 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.
6. 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 an open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
7. Do not charge battery in a damp or wet location. Following this rule will reduce the risk of electric shock.
8. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 75°F / 24°C and 64°F / 18°C. Do not charge the battery pack in air temperature below 41°F / 5°C or above 105°F / 40.5°C. This is important as it can prevent serious damage to the battery pack.
9. 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.
10. 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 sparks, burns, or a fire.
11. Do not disassemble the battery and avoid mechanical damage to the battery. Risk of short circuit and fumes may be emitted. Ensure fresh air and seek medical assistance in the event of discomfort.
12. Always remove battery packs from your tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing the battery packs will prevent accidental starting that could cause serious personal injury.
13. Always remove battery pack before storing the device. When the battery becomes fully charged, unplug the charger from the power supply and remove the battery packs from the charger.
14. Keep battery pack dry, clean, and free from oil and grease. Always use a dry cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean battery pack.
15. Keep the battery pack out of the reach of children.

**CHARGER SAFETY INSTRUCTIONS**

1. The plug of the charger must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce the risk of electric shock.
2. Ensure the battery pack is charged indoors only, in a dry, cool and well ventilated environment.
3. Do not subject the battery to sunlight over long periods and do not leave it near a heat source. Heat damages the battery and there is a risk of explosion.
4. Allow a hot battery to cool before charging.
5. Do not use non-rechargeable batteries!
6. Do not attempt to charge battery packs other than those supplied. The charger and battery packs supplied with it are specifically designed to work together.
7. Before each use, check the charger, cable, and plug. Do not use a defective charger and do not disassemble the charger. Incorrect reassembly may result in the risk of fire, electric shock, or electrocution.
8. Protect the charger against moisture and wet conditions. There is a danger of electric shock.
9. Operate the charger only with the original batteries. Charging other batteries may result in injuries and risk of fire.
10. Avoid mechanical damage to the charger. This can result in internal short circuits.
11. Do not operate the charger on easily inflammable surfaces (e.g. paper, textiles, etc.). The heating of the battery charger during the charging process could pose a fire hazard
12. Do not abuse the cord of the charger. Never use the cord for carrying, pulling or unplugging the charger.
13. Keep the cord away from heat, oil, sharp edges or moving parts.
14. Damaged or entangled cords increase the risk of electric shock.
15. Do not operate the charger with a damaged cord or plug, which could cause a short circuit and electric shock. If damaged, immediately discontinue use. Replace the charger with the identical unit as listed in the Product Specifications in this manual. If the power cord for this equipment is damaged, it must be replaced by the manufacturer, a customer service agent of the same or qualified person to prevent hazards.
16. Do not use a charger that has been dropped or received a sharp blow.
17. The voltage indicated on the charger rating plate must correspond to the voltage of the power source.
18. Never touch the charger or charger plug with wet hands.

19. The blower batteries are not fully charged at the time of delivery. They need to be fully recharged before you use them for the first time. For the first recharge cycle, charge the battery packs fully.
20. It is good practice to unplug the charger and remove the lithium-ion battery pack when not in use.
21. This charger 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 charger by a person responsible for their safety.
22. Children should be supervised to ensure that they do not play with the charger.

## RECYCLING AND DISPOSAL

 **WARNING:** Do not dispose of batteries/rechargeable batteries into household waste!

## BATTERY PACK RECYCLING



















To preserve our natural resources, please recycle or dispose of batteries properly.

The batteries charged by this charger may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites as they will add to the pollution of the environment.

## SAFETY SYMBOLS

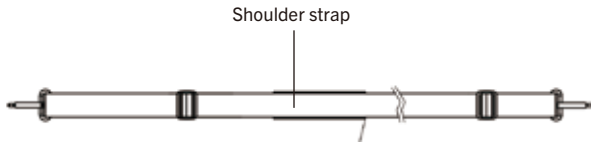
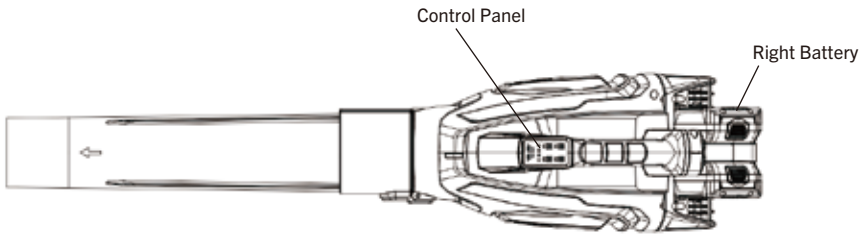
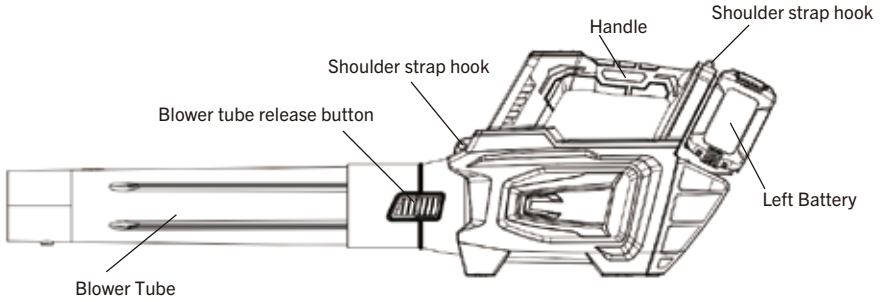
**⚠ WARNING:** Please read all of the safety and operating instructions carefully before using this blower. Please pay particular attention to all sections of this User Guide that carry warning symbols and notices. Some of the following symbols may be used on this tool.

	Conforms to relevant safety standards.		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.
	Read the instruction manual.		
	Thrown objects can ricochet and result in personal injury or property damage.		Caution: Wear protective gloves when using the machine and handling debris.
	For protection against injury wear ear defenders and safety goggles.		Caution: Wear safety boots
	Keep bystanders and pets clear of the machine when in use.		Do not expose the machine to rain. Store the machine in a dry place.
	Warning!		130 °C Thermal link with operating temperature
	Contains Lithium-ion		Warning. Moving blades Keep hands and feet away when the machine is operated.
	Dress properly, do not wear loose clothing or jewellery that could be drawn into the air intake		
	Remove battery from machine before maintenance, adjusting or cleaning		

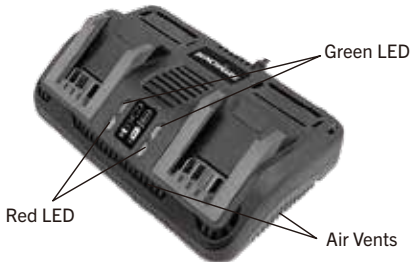


This symbol designates that this tool is listed with Canadian and U.S requirements by cSUDus Testing Laboratories, Inc.  
 UL 1017:2017/R:2018-07  
 CAN/CSA-C22.2 No.243-17:2017-09

## KNOW YOUR 40V MAX<sup>+</sup> BRUSHLESS BLOWER



Dual Charger 5350-024



Replacement 5Ah battery 5350-012



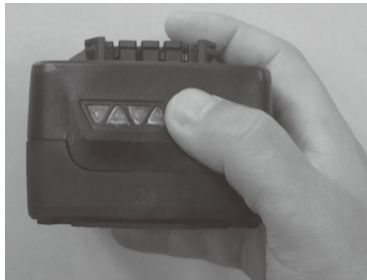
## CHECKING THE BATTERY CHARGE STATUS

The level of charge remaining in the battery can be checked by using the battery LED power indicator that is contained on the end of the battery.

**NOTE:** The battery charge remaining may be checked while the battery is installed in the tool with the ON/OFF switch turned OFF. It may also be checked while the battery is removed from the tool. **DO NOT check the battery charge remaining while the battery is in the charger.**

You will get a false reading and you may also damage the battery status system.

1. Press and hold the battery status button located on the end of the battery
2. One or more of the four LED lights in the LED window will come ON to indicate the amount of charge that is remaining in the battery as follows:



Charge level indicator					
Amount of charge remaining	0-10%	10-25%	25-50%	50-75%	75-100%

3. Release the battery status button to turn the LEDs OFF.

## CHARGING THE BATTERY PACK

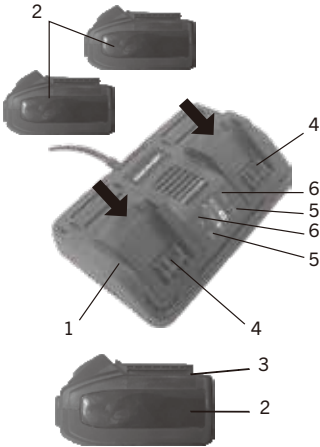
1. Place the battery charger (1) in a dry location near a 110–120V 60 Hz electrical outlet (Fig. 1).
2. Plug the battery charger into the outlet and make sure the green LED indicator light (5) comes ON. If it does not, refer to the chart (Fig. 2) to identify the problem.

- Turn the battery (2) upside down and slide it onto the charger.

**NOTE:** Make sure the grooves (3) in the sides of the battery slide over the matching tabs on the charger (4) until the battery latch “clicks” into place.

**NOTES:**

- When the charger is plugged into the wall receptacle and NO battery is on the charger, the green indicator light (5) will turn ON indicating the charger is “live”.
- When a discharged battery is installed on the charger, the green indicator light will turn OFF and the red indicator light (6) will blink. The red indicator light indicates the battery is being charged.
- If the red indicator light does not come ON, check to make sure battery pack is slid fully onto the charger and the electrical outlet is working properly.
- See Fig. 2 below for other indicator light functions.
- A discharged battery pack should be fully charged in approximately 160 minutes.
- It is normal for the battery charger to hum and be warm to the touch during operation.
- If the battery pack does not charge properly, check to make sure the electrical outlet is “live”.
- Do NOT charge batteries when the work area or the battery temperature is at or below 5°C / 41°F or above 40.5°C / 105°F.



**FIG. 1**

GREEN LIGHT	RED LIGHT	BATTERY INSERTED INTO CHARGER	SYMBOL	CHARGING STATUS
ON	OFF	NO	NONE	CHARGER CONNECTED TO POWER SUPPLY
OFF	FLASHING	YES		BATTERY BEING CHARGED
ON	OFF	YES		BATTERY FULLY CHARGED
OFF	ON	YES		DEFECTIVE-BATTERY IS CHARGED BUT NOT OPERATIONAL ON TOOL
ON	ON	YES		CHARGING CONDITIONS ARE EITHER TOO HOT OR TOO COLD

**FIG. 2**

## INSTALLING THE BATTERY PACKS

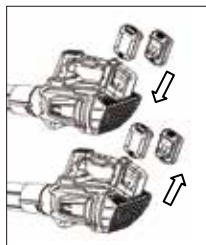
**NOTE:** To operate the tool, both batteries **MUST** be installed.

### To install the battery packs (FIG. 3)

To install the battery packs into the bottom of the handle, align the rails of the battery pack with the rails in the handle and push the battery into the handle. To connect the battery, slide the battery pack fully forward until the latch "locks" into place. Repeat for second battery.

### To remove the battery packs (FIG. 3)

Press the battery release button, Slide the battery pack backward, and then pull or lift the battery out of the tool. Repeat for second battery.



**FIG. 3**

### **WARNING:**

Follow these instructions in order to avoid injury and to reduce the risk of electric shock or fire:

- Replace the battery pack or the charger immediately if the battery case or charger cord is damaged.
- Verify that the battery packs are removed before inspecting, adjusting, or performing maintenance on any part of the blower.
- Read, understand, and follow the instructions.

**WARNING:** If any parts are damaged or missing do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.

**WARNING:** 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.

**WARNING:** Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

## ASSEMBLY AND OPERATION

### INSTALLING / REMOVING THE BLOWER TUBE

**⚠ WARNING:** Always ensure that the tool is switched off and the batteries are removed before making any adjustments or performing any maintenance procedures.

- Align the groove on blower tube to groove on tool.
- Slide blower tube onto the tool air outlet until the tube slides under latch located on the opposite side of the tool (Fig.4).
- To remove the blower tube, push the button on the latch located on the tool and pull the tube from the tool air outlet. Do not use tools or apply excessive force to remove the blower tube (Fig.4).

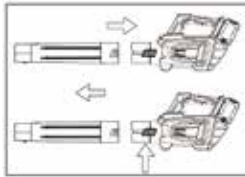


FIG. 4

### ATTACHING FLAT NOZZLE TO BLOWER TUBE

- Slide the flat nozzle onto the end of the blower tube ensuring the "button" on the nozzle is within the groove on the blower tube.
- Twist the flat nozzle until the arrow on top of blower tube aligns with the arrow on the flat nozzle (Fig.5).

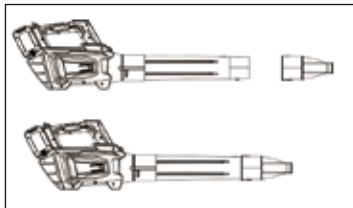


FIG. 5

### CONTROL PANEL

Left Battery Indicator

4 Speed Air Indicator

Decrease air speed button

ON/OFF Power button



Right Battery Indicator

Increase air speed button

TURBO Speed Button

**Right & Left Battery charge indicators (Fig.6)**

The left battery indicator displays the charge capacity of the left-side battery, while the right battery indicator shows the charge capacity of the right-side battery. Green indicates a fully charged battery, while red signifies 50% or less capacity. If the indicator shows red due to insufficient capacity, charge the battery.

**Air Speed Controls and 4 Speed Air Indicator**

The air speed indicator displays four different air speeds during operation. To adjust the air speed, press the "decrease" speed button to decrease the air speed or press the "increase" speed button to increase the air speed. The indicator will reflect the current speed setting.

**USING THE TURBO SPEED BUTTON**

The "turbo" function, which boosts airflow, should be utilized selectively, primarily when leaves or debris are stuck, or when the standard airflow isn't adequate. Generally, normal airflow suffices for routine tasks. Turbo mode is intended for brief periods only. After 30 seconds, the speed reverts to the previous setting automatically. To maintain turbo speed, you must press the button again.

**NOTE:** The use of the "turbo" function will drain the batteries quicker, resulting in less run-time.

**TURNING THE BLOWER ON/OFF**

- Press the power button located on the control panel to turn the blower ON
- Press the power button again to turn the blower OFF

**USING THE BLOWER**

- Install batteries into tool.
- Install the shoulder strap on the tool.
- Ensure blower tube is installed on the tool air outlet.
- Ensure the flat nozzle is installed on the blower tube.
- Hold tool firmly by the handle. Put shoulder strap around shoulder.
- Push ON/OFF power button on control panel to turn blower ON.
- Push the air speed control buttons to desired air speed.
- Push ON/OFF power button on control panel to turn blower OFF.

**TEMPERATURE CONTROL/OVERLOAD PROTECTION**

This blower is equipped with built-in temperature control and overload protection.

Should the batteries get too hot while in use on the tool, the blower will automatically shut off. Should this occur, follow these steps:

1. Turn the blower OFF on the control panel.
2. Allow the batteries to cool before resuming work.

Should the tool air outlet, blower tube or flat nozzle get blocked while the tool is in use, the blower will automatically shut off. Should this occur, follow these steps:

1. Turn the blower OFF on the control panel.
2. Remove batteries from the blower.
3. Remove the blower from the work area.
4. Remove the flat nozzle and blower tube if necessary, and remove blockage.

5. Once the blockage is cleared, the tool will resume operation at the previously set air speed.

## TROUBLESHOOTING

**⚠ WARNING:** Read instruction manual first! Remove battery packs from the tool before making adjustments or assembling accessories.

Problem	Possible Cause	Possible Solution
Blower will not start	Battery packs not installed properly	Ensure both batteries are installed correctly on tool.
	Batteries not charged	Charge both batteries
Battery pack will not charge	Battery pack not inserted into charger	Insert battery pack into charger until LED appears
	Charger not plugged in	Plug charger into a working outlet.
	Surrounding air temperature too hot or too cold	Ensure the area the batteries are being charged in is not above 40 degrees F(4.5°C) or below 105 degrees F(+40.5°C)
Tool turns off and will not operate	Battery pack has reached its maximum thermal limit	Allow battery pack to cool down
	Battery requires charging. To maximize the life of the battery pack, it is designed to shut-off abruptly when the battery is depleted	Place on charger and allow to charge

## MAINTENANCE

**⚠ WARNING:** When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

**⚠ WARNING:** Always wear safety goggles or safety glasses with side shields during power tool operation or when blowing dust. If operation is dusty, also wear a dust mask.

**⚠ WARNING:** To avoid serious personal injury, always remove the battery pack from the product when cleaning or performing any maintenance.

**⚠ WARNING:** 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 may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

### BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

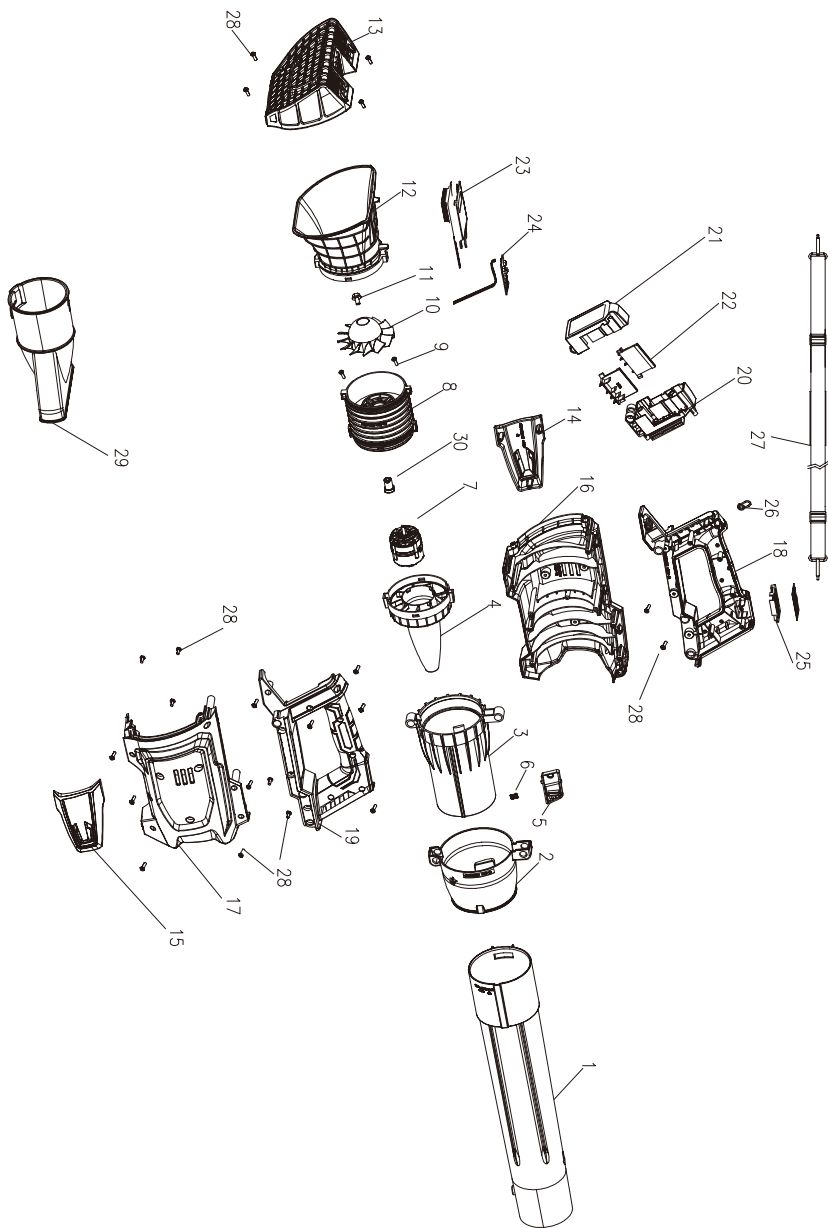
To preserve our natural resources, please recycle or dispose of batteries properly. The batteries included with this tool may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites, because they will add to the pollution of the environment.

Consult your local waste authority for information regarding available recycling and disposal options.

### STORAGE

- Remove batteries from tool and clean all foreign material from the brushless axial fan blower.
- Store indoors in a place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.

## EXPLODED VIEW



## PARTS LIST

**⚠ WARNING:** When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the brushless blower.

Any attempt to repair or replace electrical parts on this tool may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free Helpline, at 1-866-349-8665 Monday - Friday from 9am to 5pm Eastern Standard Time.

Always order by part number.

Key #	Part #	Part Name	Quantity
1	254-8A51601	Blower tube	1
2	400-8A51101	Diffusion barrel	1
3	260-8A51602	Diffuser	1
4	260-8A51601	Diversion cone	1
5	293-8A50801	Wind pipe button	1
6	3344-8A50802	Small spring	1
7	114-8A51601	Brushless motor assembly	1
8	313-8A51603	Rectifier	1
9	3131-ABDD05-1201R	Screw	2
10	116-8A51601	Fan	1
11	3131-FWDD06-1001R	Hex head bolt	1
12	313-8A51604	Deflector	1
13	313-8A51601	Suction canal	1
14	319-8A51601	Left trim cover	1
15	319-8A51602	Right trim cover	1
16	303-8A51601	Left housing	1
17	303-8A51602	Right housing	1
18	297-8A51601	Left handle	1
19	297-8A51602	Right handle	1
20	246-8A51123	Upper battery holder	1
21	246-8A51124	Lower battery holder	1
22	246-8J11601	Battery lead plate	2
23	116-8A51601	Brushless controller	1

Key #	Part #	Part Name	Quantity
24	216-8A51201	Energy indicator PCB	1
25	216-8A50803	Panel	1
26	431-7A21401	Strap clip	1
27	374-8A51601	Shoulder strap	1
28	3131-ABAD40-1603R	Screw	33
29	254-8A51603	Flat nozzle	1
30	198-8A50801	Axle sleeve	1

## WARRANTY

### **BENCHMARK 40V MAX<sup>†</sup> BRUSHLESS AXIAL FAN BLOWER WARRANTY**

If this Benchmark tool fails due to a defect in material or workmanship within five years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. 3 years for the battery and the charger.

This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs.

This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply.

# 40V MAX<sup>†</sup> BRUSHLESS AXIAL FAN BLOWER



Includes 2 batteries & 1 charger  
5 Year Limited Warranty on tool  
3 Year Limited Warranty on battery and charger

**BENCHMARK**<sup>TM</sup><sub>MC</sub>

**BENCHMARK TOOLS CANADA**  
ST. JACOBS, ONTARIO N0B 2N0  
© 2024 Home Hardware Stores Limited

**CUSTOMER SERVICE/TECH SUPPORT**  
1-866-349-8665

**5124-051**

Made in China



\*This Benchmark<sup>TM</sup> product carries a five (5) year LIMITED warranty against defects in workmanship and materials. The charger and batteries carry a three (3) year LIMITED warranty. See Owner's Manual for full details.



**SF8A516-B**

**READ ALL INSTRUCTIONS BEFORE FIRST USE.  
KEEP THIS MANUAL FOR FUTURE REFERENCE.  
KEEP AWAY FROM CHILDREN.**

<sup>†</sup> Uses two 20V Max lithium-ion batteries that deliver an initial battery voltage (measured without a workload) of 40 volts. Nominal voltage is 36V.



**WEAR CSA APPROVED  
EYE PROTECTION**



**WEAR EAR  
PROTECTION**



**WEAR A  
FACE MASK**