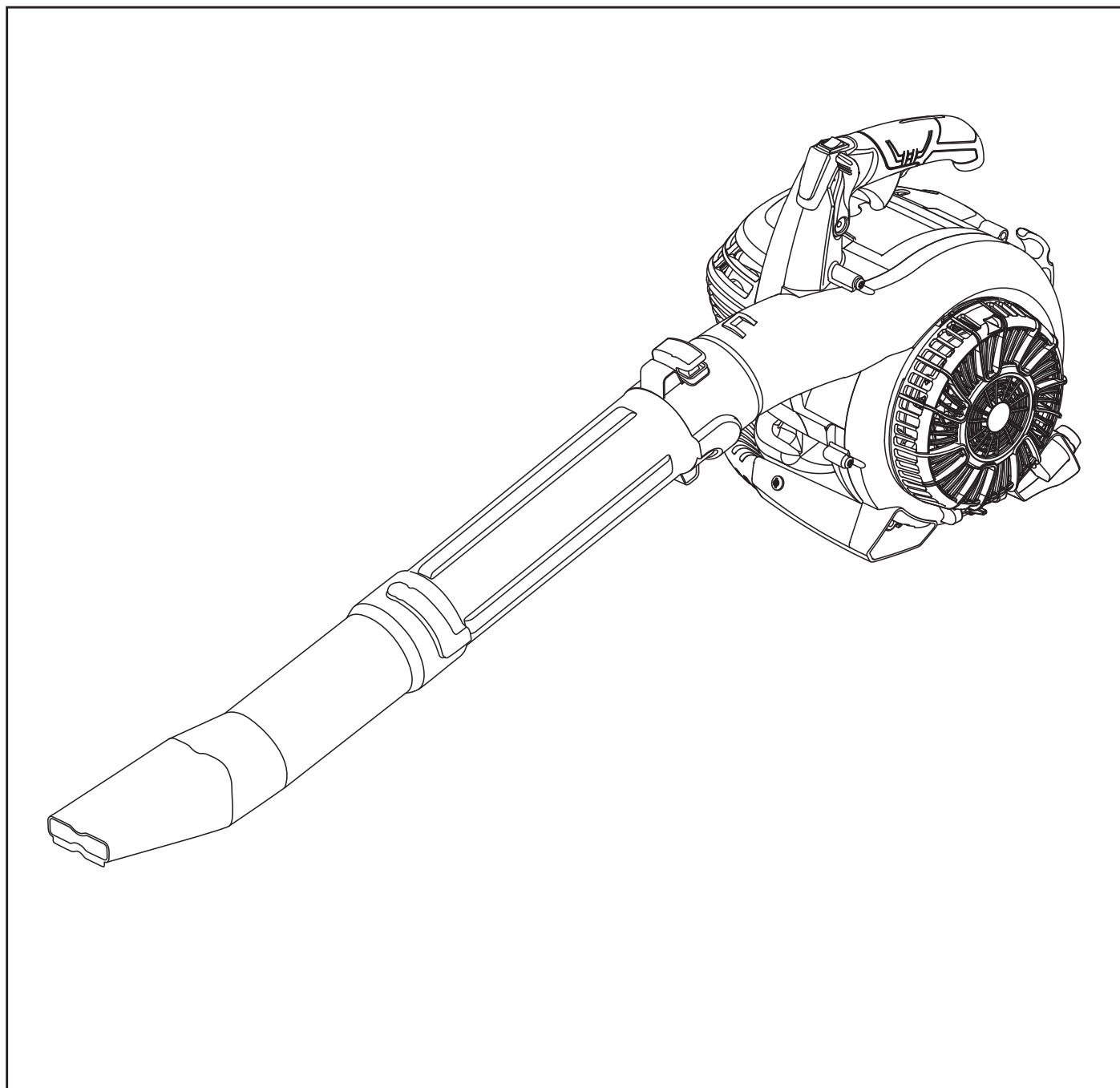




RBL26GN

**PETROL BLOWER
OPERATOR'S MANUAL**



WARNING! It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

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

INTENDED USE

The petrol blower is only intended for use outdoors in a well-ventilated area.

The product is not intended to be used by children or persons with reduced physical, mental, or sensory capabilities.

The product is designed for blowing light debris, such as leaves, grass, and other garden refuse.

When used with the vacuum kit, it is intended to vacuum and mulch debris and deposit it into the collection bag.

The product is not designed to suck in water or other liquids. Do not use the product for any other purpose.

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.

▲ WARNING

Never allow children or people unfamiliar with these instructions to use the product. Local regulations may restrict the age of the operator.

- Some regions have regulations that restrict the use of the product to some operations. Check with your local authority for advice.
- Do not allow children or untrained individuals to use the product.
- Read the instructions carefully. Be familiar with the controls and the correct use of the product.
- Never start or run the engine in a closed or poorly ventilated area. Breathing exhaust fumes can kill.
- Clear the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string that can be blown a considerable distance by high-velocity air.
- Wear hearing protection at all times while operating the product. The product is noisy, and permanent hearing injury may result if precautions to limit your exposure, reduce noise, and wear hearing protection are not strictly adhered to.
- Wear full eye protection at all times while operating the product. The manufacturer strongly suggests a full face mask or fully enclosed goggles. Normal spectacles or sunglasses are not adequate protection. Objects can be thrown at high speed by the powerful air jet at any time and may rebound from hard surfaces toward the operator.
- While operating the product, always wear substantial footwear and long trousers. Do not operate the product when barefoot or wearing open sandals. Avoid wearing clothing with loose fitting or that has hanging cords or ties.
- Do not wear loose clothing or jewellery that can be drawn into the air inlet. Secure long hair so it is above shoulder level to prevent entanglement in moving parts.
- Beware of thrown objects. Keep all bystanders, children, and pets at least 15 m away from work area.
- Operate the product only at reasonable hours – not early in the morning or late at night when people might be disturbed.
- Use rakes or brooms to loosen the debris before operating the product.
- Never operate the product in an explosive atmosphere.
- Never use the product when you are tired, ill, or under the influence of alcohol, drugs, or medicine.
- Before each use, ensure that all controls and safety devices function correctly.
- Operate the product in a recommended position and only on a firm and level surface.
- Do not operate the product on a paved or gravel surface where ejected material could cause injury.
- Before each use, always inspect the housing for damage. Ensure that guards and handles are in place and properly secured. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- Keep all cooling air inlets clear of debris.
- Never operate the product while people, especially children, or pets are nearby.
- Avoid using the product in bad weather conditions especially when there is a risk of lightning.
- Do not operate in poor lighting. The operator requires a clear view of the work area to identify potential hazards.
- Operating similar tools nearby increases both the risk of hearing injury and the potential for other persons to enter your working area.
- Always be sure of your footing on slopes. Walk, never run.
- Keep proper footing and balance. Do not overreach. Overreaching can result in loss of balance.
- Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.
- Never use the product with defective guards or shields, or without safety devices, such as debris collector, in place.
- Do not modify the product in any way or use parts and accessories that are not recommended by the manufacturer.

▲ WARNING

Before using the product in vacuum mode, you must assemble the upper and lower vacuum tubes together. This is a one-time operation only. Never operate the vacuum with only the upper vacuum tube fitted. The risk of personal injury is significantly increased if you fail to follow this warning.

▲ WARNING

If the product is dropped, suffers heavy impact, or begins to vibrate abnormally, immediately stop the engine and inspect for damage or identify the cause of the vibration. Any damage should be properly repaired or replaced by an authorised service centre.

- Do not touch the area around the silencer or engine of the product. These parts get hot during operation.
- Stop the engine and allow the product to cool down before refuelling.
- For refuelling and fuel mixing, choose an area that is well-ventilated, and is away from ignition sources, such as sparks or flames, and flammable materials.
- Do not smoke when mixing fuel or filling the fuel tank.
- Mix and store fuel in a container approved for fuel. Keep an appropriate type of fire extinguisher nearby for dealing with fuel fires.
- Remember to securely refit the fuel tank cap before starting the engine.
- Wipe away any fuel spillage. Move 9 m away from refuelling site before starting engine.
- To reduce the risk of injury associated with contacting rotating parts, always stop the engine and disconnect the spark plug boot. Make sure all moving parts have come to a complete stop before:
 - leaving the product unattended
 - clearing blockages or unclogging chute
 - checking, cleaning, or working on the product
 - inspecting the product after striking a foreign object
- Immediately stop the engine in an event of accident or breakdown. Do not operate the product again until it has been fully checked by an authorised service centre.
- The product is not intended for frequent use. It is for occasional use for general applications, such as blowing leaves, lawn clippings, etc. It is not intended for prolonged use. Prolonged periods of operation can cause circulatory problems to your hands due to vibration. For use in prolonged period, it is appropriate to use the product with an anti-vibration feature.

BLOWER SAFETY WARNINGS

- Wear a face filter mask in dusty conditions to reduce the risk of injury associated with the inhalation of dust.
- Slightly dampen surfaces in dusty conditions.
- Do not use the product near open windows.
- Use the full blower nozzle extension so that the air stream

can work close to the ground and perform effectively.

- Do not point the blower nozzle in the direction of people or pets.
- Never place objects inside the blower tubes.
- Do not place the product on top of or near loose debris. Debris can be sucked into the intake vent, resulting in possible damage to the product.

VACUUM SAFETY WARNINGS

▲ WARNING

Never operate the vacuum with only the upper vacuum tube fitted. Failure to follow this warning increases the risk of personal injury.

NOTE: Without the lower vacuum tube fitted, it is much easier to reach up inside the tube towards the fan blade.

- Do not operate the vacuum without the debris collector bag assembly installed. Flying debris could cause serious injury. Make sure that the debris collector bag is in good condition and completely closed before operating the product.
- Move the vacuum from side to side along the outer edge of the debris. To avoid clogging, do not place the vacuum tube directly into the debris pile.
- Hold the engine higher than the inlet end of the vacuum tube.
- To avoid serious injury to the operator or damage to the product, do not try to vacuum up rocks, broken glass, bottles, or similar objects.
- Avoid situations that could cause fire in the debris collector bag. Do not operate the product near an open flame. Do not vacuum up warm ash from fireplaces and barbecue pits. Do not vacuum up discarded cigars or cigarettes unless the cinders are completely cool.
- Keep all parts of your body away from any moving part. Rotating fan blades can cause severe injury. Stop the engine and ensure that fan blades have stopped rotating before opening the vacuum door, installing or changing tubes, or opening or removing debris bag.
- When feeding material into the product, make sure that the pieces of metal, rocks, bottles, cans, or other foreign objects are not included.
- Do not allow processed material to build up in the discharge zone. This may prevent proper discharge and can result in kickback of material through the intake opening.
- If the product becomes clogged, stop the engine and remove the spark plug boot before cleaning the debris.

TRANSPORTATION AND STORAGE

- Stop the engine and allow the product to cool down before storing or transporting.
- Clean all foreign materials from the product.
- Drain all fuel from the tank into a container approved for

petrol. Remember to properly replace and tighten the fuel cap.

- Run the engine until it stops, this will remove all fuel that could become stale and leave varnish and gum in the fuel system.
- If applicable, drain all lubricant from the engine into a container approved for lubricant. Remember to properly replace the lubricant cap.
- Store the product in a cool, dry, and well-ventilated place that is inaccessible to children. Keep away from corrosive agents, such as garden chemicals and de-icing salts.
- Do not store outdoors.
- When transporting the product in a vehicle, secure it against movement or falling to prevent injury to persons or damage to the product.
- Never transport the product while the engine is running.
- Abide by all government and local regulations for the safe storage and handling of petrol.

Short term (less than 1 month)

- Stop the engine and allow the product to cool down before storing or transporting.
- Clean all foreign materials from the product.
- Store the product in a cool, dry, and well-ventilated place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.
- Do not store outdoors.

MAINTENANCE

▲ WARNING

Use only original manufacturer's replacement parts, accessories, and attachments. Failure to do so can cause possible injury and poor performance, and may void your warranty.

▲ WARNING

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service, bring the product to an authorised service centre. When servicing, use only original replacement parts.

- Stop the engine, allow the product to cool down, and make sure all moving parts have come to a complete stop. Disconnect the spark plug boot before conducting any maintenance or cleaning work.
- You may make adjustments and repairs described in this manual. For other repairs, contact an authorised service centre.
- After each use, clean the product with a soft, dry cloth.
- Check all nuts, bolts, and screws at frequent intervals for proper tightness to ensure that the product is in safe working condition. Any part that is damaged should be

properly repaired or replaced by an authorised service centre.

- Bring the product to an authorised service centre to replace damaged or unreadable labels.

CLEARING A BLOCKAGE

- To reduce the risk of injury associated with contacting rotating parts, always stop the engine, and make sure all moving parts have come to a complete stop.
- Remove the blower tubes to inspect for blockage. Clear the tubes if required.
- Remove the debris collector bag. Check that the bag adaptor is free from obstruction.
- Inspect the opening to the fan enclosure and the tube to the debris bag for evidence of a blockage. Keep fingers away from the fan or mulching blades at all times.
- Do not attempt to remove the fan or mulching blade. If it is necessary to remove the fan or mulching blades, bring the product to an authorised service centre.
- Reinstall the tubes and the debris collector bag before starting the product.

CLEANING THE AIR FILTER

See Figure 12 - 13.

A dirty air filter will cause starting difficulty, loss of performance, and shorten the life span of the engine. Check the air filter monthly. For best performance, replace the air filter at least once a year.

- Loosen the air filter cover by turning the knob counterclockwise.
- Remove the air filter.
- Clean the foam filter element with warm soapy water. Rinse and let dry.
NOTE: If the foam filter element is damaged, it should be replaced.
- Apply a light coat of engine oil to the foam filter element, then squeeze it out.
- Reinstall the air filter.
NOTE: Make sure the filter is seated properly inside the cover. Installing the filter incorrectly will allow dirt to enter the engine, causing rapid engine wear.
- Reinstall the cover and tighten knob to secure.

CLEANING THE EXHAUST PORT, MUFFLER AND SPARK ARRESTOR

NOTE: Depending on the type of fuel used, the type and amount of lubricant used, and/or your operating conditions, the exhaust port, muffler, and/or spark arrestor screen may become blocked with carbon deposits. If you notice a power loss with your petrol powered product, you may need to remove these deposits to restore performance. We highly recommend that only qualified service technicians perform this service.

The spark arrestor must be cleaned or replaced every 50 hours or yearly to ensure proper performance of your product. Spark arrestors may be in different locations depending on

the model purchased. Please contact your nearest service dealer for the location of the spark arrestor for your model.

⚠ WARNING

To avoid a fire hazard, never run the blower/vacuum without the spark arrestor in place.

VACUUM BAG

A dirty bag will reduce performance. To clean the bag, turn it inside out and shake. Wash the bag in soapy water at least once a year. To obtain a replacement bag, see your local Ryobi dealer. Visit our website for your nearest location or call Ryobi Customer Service on 1300 361 505.

NOTE: Vacuum components are optional and sold separately.

FUEL CAP

⚠ WARNING

A leaking fuel cap is a fire hazard and must be replaced immediately.

The fuel cap contains a sealing gasket and a check valve to allow air in. A clogged check valve will cause poor engine performance. If performance improves when the fuel cap is loosened, the check valve may be faulty. Replace fuel cap if required.

FUEL FILTER

The fuel supplied to the engine is passed through a filter to remove any contaminants from entering the engine. Contaminants in the fuel can cause poor performance and damage to the engine.

The fuel filter is a non-serviceable item and if needed should be replaced by an authorised service centre.

SPARK PLUG REPLACEMENT

See Figure 14.

This engine uses a Champion RCJ-6Y or NGK BPMR7A spark plug with .025 in. electrode gap. Use an exact replacement and replace annually.

Follow these steps to replace the spark plug:

1. Remove the spark plug boot.
2. Loosen the spark plug by turning it counterclockwise with a 16 mm socket.
3. Remove the spark plug.
4. Hand thread the new spark plug, turning it clockwise.

NOTE: A small amount of anti seize compound on the thread of the new plug will ensure easy removal on the next service.

5. Tighten with a socket. Do not overtighten.

⚠ WARNING

Be careful not to cross-thread the spark plug. Cross-threading will seriously damage the product.

RESIDUAL RISK

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise in use and the operator should pay special attention to avoid the following:

- Injury caused by vibration.
 - Always use the right tool for the job. Use designated handles and restrict working time and exposure.
- Hearing damage caused by exposure to noise.
 - Wear ear protection and limit exposure.
- Injury from flying objects from the blow tube airflow
 - Wear eye protection at all times.

RISK REDUCTION

It has been reported that vibrations from handheld tools may contribute to a condition called Raynaud's Syndrome in certain individuals. Symptoms may include tingling, numbness, and blanching of the fingers, usually apparent upon exposure to cold. Hereditary factors, exposure to cold and dampness, diet, smoking and work practices are all thought to contribute to the development of these symptoms. There are measures that can be taken by the operator to possibly reduce the effects of vibration:




- Keep your body warm in cold weather. When operating the product wear gloves to keep the hands and wrists warm. It is reported that cold weather is a major factor contributing to Raynaud's Syndrome.
- After each period of operation, exercise to increase blood circulation.
- Take frequent work breaks. Limit the amount of exposure per day.









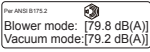





If you experience any of the symptoms of this condition, immediately discontinue use and see your physician.

⚠ WARNING

Injuries may be caused, or aggravated, by prolonged use of a tool. When using any tool for prolonged periods, ensure you take regular breaks.

SYMBOLS

Symbols	Explanation
	Warning
	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Beware of thrown or flying objects. Keep all bystanders, especially children and pets, at least 15m away from the operating area.

	Wear eye protection
	Wear ear protection
	Do not run product without tubes in place.
	Risk of long hair being drawn into air inlet.
	Risk of loose clothing being drawn into air intake.
	To reduce the risk of injury or damage, avoid contact with any hot surface.
	Warning! Hot surface.
	Dangerous feed orifice. Rotating fans. Keep hands and feet out of the openings while the product is running.
	The bystander sound level is 79.8 dB(A) for blower mode, and 79.2 dB(A) for vacuum mode per ANSI B175.2.
	Use unleaded petrol intended for motor vehicle use with an octane rating of 91 or higher.
	Use 2-stroke oil for air cooled engines.
	Mix the fuel mix thoroughly and also each time before refueling.
	Regulatory Compliance Mark (RCM). This product meets applicable regulatory requirements.
	Take off blow tube from housing.

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.

DESCRIPTION

1. Lower vacuum tube (sold separately)
2. Vacuum bag (sold separately)
3. Adaptor (sold separately)
4. Cruise control
5. Throttle trigger
6. Upper vacuum tube (sold separately)
7. Vacuum tube screw (sold separately)
8. Fuel cap
9. Starter grip
10. Choke lever
11. Upper handle
12. On/Off switch
13. Muffler
14. Primer bulb
15. Vacuum handle
16. Combination wrench
17. Sweeper nozzle
18. Upper blower tube
19. Door release tab
20. Impeller cover door
21. High velocity nozzle with leaf scraper
22. Tapered flange
23. Adaptor installed in vacuum bag (sold separately)
24. Raised locking tab
25. Locking tab
26. Vacuum bag assembly
27. Inlet cover tab
28. Vacuum opening
29. Locking tab on vacuum opening
30. Vacuum tube assembly
31. Screw for holding vacuum tube assembly
32. Quick start label
33. Air filter cover
34. Air filter cover securing knob
35. Air filter
36. Spark plug boot
37. Spark plug

PRODUCT SPECIFICATIONS

Engine displacement	26 cc
Air velocity	325 km/h
Air volume	11 m ³ /min
Weight	4.3 kg
Rated power	0.75 kW
Engine speed (Max.)	10000 /min
Engine speed (Idle)	2800 - 4600 /min
Vibration	
Blower mode	
Idling	7.6 m/s ²
Racing	19.3 m/s ²
Equivalent vibration total value:	18.1 m/s ²

Vacuum mode (upper handle)	
Idling	5.3 m/s ²
Racing	17.6 m/s ²
Equivalent vibration total value	16.4 m/s ²
Vacuum mode (vacuum handle)	
Idling	5.5 m/s ²
Racing	19.3 m/s ²
Equivalent vibration total value	17.9 m/s ²
Sound	
Blower mode	
Bystander	79.8 dB(A)
At the operator's ear	94.8 dB(A)
Vacuum mode	
Bystander	79.2 dB(A)
At the operator's ear	98.8 dB(A)

FEATURES

KNOW YOUR BLOWER/VACUUM

See Figures 1a - 1b.

The safe use of this product requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

BLOWER TUBE AND NOZZLES

The blower tube can be assembled and installed on the blower without using any tools.

CRUISE CONTROL

The cruise control feature allows the user to operate the blower without holding the throttle trigger. To slow the engine, simply push the cruise control lever forward.

HIGH VELOCITY NOZZLE WITH WET LEAF SCRAPER

The high velocity nozzle is great for wet sticky leaves. It allows you to scrape wet leaves or debris while operating the blower.

ENGINE

The blower has a powerful 26cc engine with sufficient power to handle tough blowing and vacuuming jobs.

SIMPLE START™

The Simple Start allows for easier and quicker starting.

SWEEPER NOZZLE

The sweeper nozzle allows for more area to be covered during blower operation.

THROTTLE TRIGGER

The blower can be operated at any speed between idle and full throttle.

VACUUM

Converting the blower to a vacuum is simple and can be done using a flat head screwdriver.

VACUUM BAG

The vacuum bag attaches to the blower easily by using the vacuum bag adaptor.

VACUUM HANDLE

This feature allows user to perform vacuuming duties comfortably.

VACUUM TUBES

The vacuum tubes can be installed on the blower using a flat head screw driver.

ASSEMBLY

UNPACKING

This product requires assembly.

- Carefully remove the product and any accessories from the box. Make sure that all items listed on the Packing List are included.

⚠ WARNING

Do not use this product if any parts on the Packing List are already assembled to your product when you unpack it. Parts on this list are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call Ryobi customer service for assistance.

PACKING LIST

Blower
Upper blower tube
Sweeper nozzle
High velocity nozzle
2-Stroke engine lubricant
Operator's manual
Figure sheet

NOTE: Read and remove all hang tags and store with your operator's manual.

⚠ WARNING

If any parts are damaged or missing do not operate this product until the parts are replaced. Using the 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

To prevent accidental starting that could cause serious personal injury, always disconnect the engine spark plug wire from the spark plug when assembling parts.

ASSEMBLING THE BLOWER TUBES

See Figure 2.

- Align raised tabs on upper tube to the slots on blower housing outlet; slide together and tighten securely by twisting. Check tightness after initial use and retighten if needed.
- Attach desired nozzle (high velocity nozzle or sweeper nozzle) to upper blower tube by aligning raised tabs on upper blower tube; slide together and tighten securely by twisting. Check tightness after initial use and retighten if needed.
- To remove the nozzle, rotate the nozzle to unlock and remove from the upper blower tube.

INSTALLING THE VACUUM BAG

See Figures 3 - 4.

- Using the flat head screwdriver of the combination wrench, lift locking tab on the upper blower tube and rotate to unlock position. Then remove the upper blower tube.
- Unzip the vacuum bag and place the adaptor inside as shown. Push the vacuum bag adaptor through the opening opposite the zipper. The end of the adaptor with the tapered flange, will remain on the inside of the vacuum bag when installed properly.
- Align the raised slots on the vacuum bag adaptor with the raised locking tabs on the blower housing outlet; push the bag adaptor onto the housing. Twist to lock into place.
- Rotate the vacuum bag until the shoulder strap is upright.
- Make sure the vacuum bag is zipped and closed before starting the product.

INSTALLING THE VACUUM TUBES

See Figures 5 - 6.

▲ WARNING

Rotating impeller blades can cause severe injury. Always stop the engine and ensure impeller blades have stopped rotating before opening the vacuum door or installing/changing tubes. Do not put hands or any other object into the vacuum tubes while they are installed on the product.

To install the vacuum tubes:

- Secure the upper and lower vacuum tubes together by aligning the raised locking tabs with the raised slots.
- Tap tube assembly on ground until the screw holes in lower tube are in the raised slot of the upper tube. Secure with supplied screws.
- Depress inlet cover tab using a flat head screwdriver and open vacuum inlet cover.
- Align tabs on housing with tube assembly.
- Tighten screws on upper vacuum tube to secure to blower housing.

To remove the vacuum tubes:

- Loosen screws of the upper vacuum tube by turning counterclockwise.
- Remove the vacuum tube assembly from the blower housing.
- Close the vacuum inlet cover door securely.

To remove the adaptor:

- Using a flat head screwdriver, lift locking tab and rotate the adaptor to unlock position. Then remove the adaptor.

NOTE: Vacuum components are optional and sold separately.

OPERATION

▲ WARNING

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

▲ WARNING

Always wear eye protection with side shields marked to comply with standards, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

MIXING THE FUEL

This product is powered by a 2-stroke engine and requires premixing petrol and 2-stroke oil. The mixture should be at a 50:1 ratio.

NOTE: We recommend you use Ryobi synthetic 2-stroke lubricant. Only use a quality synthetic 2-stroke lubricant in your blower to ensure top performance and engine longevity.

TO MIX THE FUEL:

- Pre-mix unleaded petrol and 2-stroke engine lubricant in a clean container approved for petrol.
- This engine is certified to operate on unleaded petrol intended for automotive use with an octane rating of 91 or higher.
- Do not use any type of pre-mixed petrol/lubricant from fuel service stations, this includes the pre-mixed petrol/lubricant intended for use in mopeds, motorcycles, etc.
- Avoid the use of Ethanol fuels or fuels containing

Ethanol. The use of Ethanol fuels may result in damage to your engine.

- Use synthetic 2-stroke lubricant only. Do not use automotive lubricant or 2-stroke outboard lubricant.
- Mix 2% synthetic 2-stroke lubricant into the petrol. This is a 50:1 ratio.
- Mix the fuel thoroughly and also each time before fueling.
- Mix in small quantities. Do not mix quantities larger than usable in a 30-day period. A synthetic 2-stroke lubricant containing a fuel stabiliser is recommended.



1 litre	+	20 ml	=	} 50:1
2 litres	+	40 ml	=	
3 litres	+	60 ml	=	
4 litres	+	80 ml	=	
5 litres	+	100 ml	=	

FILLING THE TANK

▲ WARNING

Petrol is extremely flammable and explosive. A fire or explosion from petrol will burn you and others. Always shut off engine before fuelling. Never add fuel to a machine with a running or hot engine. Move at least 10 m from refuelling site before starting engine. Do not smoke and stay away from open flames and sparks. Failure to safely handle fuel could result in serious personal injury.

- Clean the surface around the fuel cap to prevent contamination.
- Loosen the fuel cap slowly by turning counterclockwise.
- Pour the fuel mixture carefully into the tank.
- Clean and inspect the fuel cap gasket before replacing the fuel cap.
- Replace the fuel cap and tighten it by turning it clockwise.
- Wipe spilled fuel from the product.
- Move at least 10 m away from refuelling area before starting the product.

NOTE: It is normal for smoke to be emitted from a new engine during first use.

▲ WARNING

Check for fuel leaks. A leaking fuel cap is a fire hazard and must be replaced immediately. If you find any leaks, correct the problem before using the product. Failure to do so could result in a fire that could cause serious personal injury.

STARTING AND STOPPING

See Figure 7.

To start a cold engine:

DO NOT squeeze the throttle trigger until the engine starts and runs.

1. Lock the cruise control.
2. Press the primer bulb 10 times.
3. Set the choke lever to "FULL" choke position.
4. Pull the starter grip until the engine attempts to start. Do not pull the starter grip more than 4 times.
5. Set the choke lever to "HALF" choke position.
6. Pull the starter grip until the engine starts. Do not pull the starter grip more than 6 times.
7. Wait 10 seconds.
8. Set the choke lever to "RUN" choke position.

To start a warm engine:

1. Press the primer bulb 10 times.
2. Set the choke lever to "RUN" choke position.
3. Pull the starter grip until the engine starts.

To stop the engine:

Toggle the on/off switch to the stop position.

OPERATING THE BLOWER

See Figures 8 - 9.

▲ WARNING

Never run the product without the blower tubes installed or the vacuum door securely closed. Use of an improperly assembled product could result in serious personal injury.

- Start the blower. Refer to **Starting and Stopping** earlier in this manual. Hold the blower with the upper handle in your right hand.

▲ WARNING

Always hold the blower away from your body with the handle in your right hand when operating as a blower, keeping clearance between your body and the product. The muffler side of the blower should be opposite from your body. Any contact with the exhaust housing can result in burns and/or other serious personal injury.

▲ WARNING

Do not place blower on top of or near loose debris or gravel. Debris may be sucked into blower intake vent resulting in possible damage to the product and could result in serious personal injury.

- To keep from scattering debris, blow around the outer edges of a debris pile. Never blow directly into the centre of a pile.
- Operate power equipment at reasonable hours only - not early in the morning or late at night when people might be disturbed. Comply with the times listed with local authorities.
- To reduce sound levels, limit the number of pieces of equipment used at any one time.
- Operate blower at the lowest possible throttle speed to do the job.
- Check your equipment before operation, especially the

muffler, air intakes, and air filters.

- Use rakes and brooms to loosen debris before blowing.
- In dusty conditions, slightly dampen surfaces when water is available.
- Watch out for children, pets, open windows, or freshly washed cars, and blow debris safely away.
- Hold blower, as shown in Figure 8, so the air stream can work close to the ground.
- After using blowers or other equipment, CLEAN UP! Dispose of debris properly.
- Use the sweeper nozzle for the everyday blowing operation. This nozzle allows for more area to be covered during the blowing operation.
- The high velocity nozzle is specifically designed for wet sticky leaves. It allows you to scrape wet leaves or debris while operating the blower.

CRUISE CONTROL

See Figure 10.

The cruise control can be used to operate the blower without holding the throttle trigger.

To engage the cruise control:

- Pull cruise control lever back towards user, and stop at the desired throttle setting.
- To release the cruise control, push cruise control lever all the way towards the front of product.

VACUUM OPERATION

See Figure 11.

▲ WARNING

Never run the product without the vacuum tubes and vacuum bag installed. Use of an improperly assembled product could result in serious personal injury.

▲ WARNING

Keep the muffler and all hot surfaces of the blower/vacuum away from your body. Failure to do so could result in possible serious personal injury.

- Install the vacuum tubes and the bag. Refer to the *ASSEMBLY* section earlier in this manual.
- Start the blower. Refer to **Starting and Stopping** earlier in this manual.
- Place the vacuum bag strap over your right shoulder. Hold the upper handle in your left hand and the vacuum handle in your right hand.
- Move the vacuum from side to side along outer edge of the debris. To avoid clogging, do not place the vacuum tube directly into the debris pile.
- Hold the engine higher than the inlet end of the vacuum tube.
- Always point vacuum tube downhill when working on a

hillside.

- To avoid serious injury to the operator or damage to the product, do not pick up rocks, broken glass, bottles, or other similar objects.
- If the vacuum tubes should clog, stop the engine, ensure impeller blades have stopped spinning, and disconnect the spark plug wire before cleaning out the obstruction.
- Remove the vacuum tubes and clear the debris from the blower fan housing. Remove the bag and clear the tube. A small rod or stick may be required to clear the entire tube length. Ensure that all debris has been cleared before reassembling the vacuum tubes.

NOTE: Vacuum components are optional and sold separately

TROUBLESHOOTING

IF THESE SOLUTIONS DO NOT SOLVE THE PROBLEM, CONTACT YOUR AUTHORIZED SERVICING DEALER.

PROBLEM	CAUSE	REMEDY
Engine fails to start.	No fuel in tank. Spark plug is fouled. Spark plug is broken. (cracked porcelain or electrodes broken) Ignition lead wire shorted, broken, or disconnected from spark plug. Ignition inoperative.	Fill tank. Replace spark plug. Replace spark plug. Replace lead wire or attach to spark plug. Contact authorised service center.
	Engine is flooded.	Remove spark plug, turn blower to aim spark plug hole at the ground. Adjust the choke lever to “RUN” position and pull starter cord 10-15 times. This will clear excess fuel from the engine. Remove any fuel which is splashed on the product. Clean and reinstall spark plug. Clean up any spilled fuel and move at least 9 m away before restarting. Pull starter cord 3 times with choke lever at “RUN” position. If engine does not start, rotate choke lever to “COLD START” position and repeat normal starting procedure. If engine still fails to start, repeat procedure with a new spark plug.
Engine hard to start.	Water in petrol or stale fuel mixture. Too much lubricant in fuel mixture. Engine is under or over choked. Weak spark at spark plug.	Drain entire system and refill with fresh fuel. Drain and refill with correct mixture. Adjust choke as necessary. Contact authorised service center.
Engine lacks power.	Air filter clogged.	Clean air filter. Refer to Cleaning the Air Filter earlier in this manual.
Engine overheats.	Insufficient lubricant in fuel mixture.	Mix fuel as described in operating instructions.



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