WARNING! It is essential that you read the instructions in this manual before assembling, operating and maintaining this machine.
WARNING
When using the product, the safety rules must be followed. For your own safety and that of bystanders, please read these instructions before operating the product. Please keep the instruction safe for later use.

WARNING
Never allow children or people with reduced physical, sensory or mental capabilities to operate, clean or maintain the product. Local regulations may restrict the age of the operator.

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

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the product and the blowing/vacuuming activity. Never assume that children will remain where you last saw them. Keep children out of the work area and under the watchful care of a responsible adult other than the operator, be alert and turn the product off if a child enters the area.

GENERAL SAFETY WARNINGS
- Some regions have regulations that restrict the use of the product to some operations. Check with your local authority for advice. Read all instructions.
- Do not allow children or untrained individuals to use this product.
- Ensure before each use that all controls and safety devices function correctly. Do not use the product if the “off” switch does not stop the engine.
- 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 which can be blown a considerable distance by high velocity air.
- Wear full eye and hearing protection while operating the product. This product is extremely noisy and permanent hearing may result if precautions to limit our exposure, reduce noise and wear hearing protection are not strictly adhered to.
- Wear heavy long trousers, boots, and gloves. Do not wear loose fitting clothing, short trousers, jewellery of any kind, or use with bare feet.
- 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 and brooms to loosen debris before blowing/vacuuming.
- Never operate the product in an explosive atmosphere.
- Do not use this product when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting. The operator requires a clear view of the work area to identify potential hazards.
- Use of hearing protection reduces the ability to hear warnings (shouts or alarms). The operator must pay extra attention to what is going on in the working area.
- Only use enough throttle (power) to complete the task, this will reduce the potential for injury caused by noise and vibration.
- Operating similar products nearby increases both the risk of hearing injury and the potential for other persons to enter your working area.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance or exposure to hot surfaces.
- Keep all parts of your body away from any moving part. Rotating impeller blades can cause severe injury. Stop the engine and ensure impeller blades have stopped rotating before opening the vacuum door, installing/ changing tubes, opening or removing debris bag.
- Do not touch the area around the silencer or engine of the product, these parts get very hot during operation.
- Inspect the product before each use. Check for loose fasteners, fuel leaks, etc. Make sure all guards, and handles are properly and securely attached. Replace any damaged parts before use.
- Never run the product without the proper equipment attached. When used as a blower, always install the blower tubes and close the door. When used as a vacuum, always install the vacuum tubes and vacuum bag.
- Do not modify the product in any way or use parts and accessories which are not recommended by the manufacturer.

WARNING
Stop the engine and allow it to cool before refueling, storing or transporting the product.
For refueling and fuel mixing, choose an area away from sources of ignition (sparks, flames etc.), flammable materials and which is well ventilated.

Do not smoke when mixing fuel or filling 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 filler cap before starting the engine.

Wipe up any fuel spillage. Move 9 m away from refueling site before starting engine.

It has been reported that vibrations from hand-held 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 doctor about these symptoms.

To reduce the risk of injury associated with contacting rotating parts, always stop the engine, remove the spark plug wire and make sure all moving parts have come to a stop before:

- cleaning or clearing a blockage
- leaving the product unattended
- install or removing attachments
- checking, maintenance or working on the product

**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.

**WARNING**

Your blower/vacuum product may be supplied with a harness. Carefully adjust the harness to comfortably help to support the weight of the product and hang at your right hand side.

**WARNING**

Identify the Quick Release mechanism and practice using it BEFORE you start using the product. It's correct use may prevent serious injury in the case of an emergency. Never wear additional clothing over the harness or otherwise restrict access to the quick release mechanism.

**BLOWER SAFETY WARNINGS**

- Wear a face filter mask in dusty conditions to reduce the risk of injury associated with the inhalation of dust.
- Do not point the blower nozzle in the direction of people or pets.
- Never place objects inside the blower tubes.
- Do not operate the product near open windows etc.
- Slightly dampen surfaces in dusty conditions.
- Use the full blower nozzle extension so the air stream can work close to the ground.
- Do not place blower on top of or near loose debris. Debris may be sucked into intake vent resulting in possible damage to the product.

**VACUUM SAFETY WARNINGS**

- Do not operate vacuum without vacuum bag assembly installed; flying debris could cause serious injury. Make sure the vacuum bag is completely zipped closed before operating.
- Move the vacuum from side to side along outer edge of 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 try to vacuum up rocks, broken glass, bottles, or other similar objects.
- Avoid situations that could cause fire in the vacuum bag. Do not operate near an open flame. Do not vacuum warm ash from fireplaces, barbecue pits etc. Do not vacuum discarded cigars or cigarettes unless
the cinders are completely cool.

**INTENDED USE**

The product is only intended for use outdoors in a well ventilated area.

The product is intended for blowing light debris including leaves, grass and other garden refuse. It is intended to vacuum and mulch light debris as above and collect in the debris bag. It is not designed to suck or vacuum water or other liquid.

**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.
- Exposure to noise can cause hearing injury. Wear ear protection and limit exposure.
- Injury from flying objects from the blow tube airflow or vacuum exhaust if the bag is not fitted or damaged.

**SYMBOLS**

<table>
<thead>
<tr>
<th>Symbols</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>!</td>
<td>Read this safety and operating instructions in this booklet and keep it in a safe place for future reference.</td>
</tr>
<tr>
<td>!</td>
<td>Beware of thrown or flying objects. Keep all bystanders at least 15 m away.</td>
</tr>
<tr>
<td>🕼</td>
<td>Wear eye protection</td>
</tr>
<tr>
<td>🎧</td>
<td>Wear ear protection</td>
</tr>
<tr>
<td>❌</td>
<td>Do not run product without tubes in place.</td>
</tr>
<tr>
<td>⚠️</td>
<td>Risk of long hair being drawn into air inlet.</td>
</tr>
<tr>
<td>⚠️</td>
<td>Risk of loose clothing being drawn into air intake.</td>
</tr>
<tr>
<td>⚠️</td>
<td>To reduce the risk of injury or damage, avoid contact with any hot surface.</td>
</tr>
<tr>
<td>🔥</td>
<td>Warning! Hot surface.</td>
</tr>
<tr>
<td>🎈</td>
<td>Dangerous feed orifice. Rotating fans. Keep hands and feet out of the openings while the product is running.</td>
</tr>
<tr>
<td>107dB</td>
<td>Guaranteed sound power level is 107 dB.</td>
</tr>
<tr>
<td>🙁</td>
<td>Use unleaded petrol intended for motor vehicle use with an octane rating of 91 ([R+M]/2) or higher.</td>
</tr>
<tr>
<td>🎨</td>
<td>Use 2-stroke oil for air cooled engines.</td>
</tr>
<tr>
<td>🛠️</td>
<td>Mix the fuel mix thoroughly and also each time before refueling.</td>
</tr>
<tr>
<td>🔫</td>
<td>Full choke</td>
</tr>
<tr>
<td>🔫</td>
<td>Half choke</td>
</tr>
<tr>
<td>🏃</td>
<td>Run position</td>
</tr>
<tr>
<td>⚨</td>
<td>Blower mode If the quick change lever is pointing on this symbol, the product operates in blow mode.</td>
</tr>
<tr>
<td>⚨</td>
<td>Vacuum mode If the quick change lever is pointing on this symbol, the product operates in vacuum mode</td>
</tr>
<tr>
<td>✅</td>
<td>Conforms to all regulatory standards in the country in the EU where the product is purchased.</td>
</tr>
<tr>
<td>🎎</td>
<td>EurAsian conformity mark</td>
</tr>
<tr>
<td>🎎</td>
<td>Ukrainian mark of conformity</td>
</tr>
<tr>
<td>🔠</td>
<td>To start a cold engine</td>
</tr>
<tr>
<td>🔠</td>
<td>To start a warm engine</td>
</tr>
</tbody>
</table>
TO START A COLD ENGINE:
1. Lock the cruise control.
2. Set the ignition switch to the "I" position.
3. Press slider plate into positive switch's slot to allow the positive switch to engage and be ready to work.
4. Press the primer bulb 10 times.
5. Set the choke lever to "FULL" choke position.
6. Pull the starter grip until the engine attempts to start. Do not pull the starter grip more than 8 times.
7. Set the choke lever to "HALF" choke position.
8. Pull the starter grip until the engine starts. Do not pull the starter grip more than 6 times.
9. Wait 10 seconds.
10. Set the choke lever to "RUN" choke position.

TO START A WARM ENGINE
1. Set the ignition switch to the "I" position.
2. Press the primer bulb 10 times.
3. Set the choke lever to "RUN" choke position.
4. Pull the starter grip until the engine starts.

DESCRIPTION
1. Lower vacuum tube
2. Vacuum bag
3. Adaptor
4. Cruise control
5. Throttle trigger
6. Upper vacuum tube
7. Fuel cap
8. Starter grip
9. Choke lever
10. Upper handle
11. On/Off switch
12. Positive switch at blowing side
13. Primer bulb
14. Vacuum handle
15. Upper blower tube
16. Door tab
17. Inlet cover
18. Lower blower tube
19. Positive switch at vacuuming side
20. Raised slot
21. Adaptor installed in vacuum bag
22. Raised locking tab with switch insert metal plate
23. Vacuum bag assembly
24. Vacuum Inlet cover tab
25. Vacuum opening
26. Locking tab
27. Vacuum tube assembly
28. Screw for holding vacuum tube assembly
29. Quick start label
30. High velocity nozzle
31. Air filter cover
32. Air filter dial - turn to open or close air filter
33. Air filter
34. Wrench

KNOW YOUR BLOWER/VACUUM
See Figure 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.

BLOWER TUBE AND NOZZLES
The blower tube can be assembled and installed on the blower without using any tools.

POSITIVE SWITCHES
The product is equipped with positive switches. The product will only run if both the metal contacts are inserted into the positive switches. This reduces the risk of accidental contact with rotating parts.

CRUISE CONTROL
The cruise control feature allows the user to operate the blower without holding the throttle trigger. To slow down 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 off wet leaves or debris while operating the blower.

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

START EASY™
The Start Easy™ feature allows easier and quicker starting.

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 cross-head screwdriver.

VACUUM BAG
The vacuum bag can be attached 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 cross-head screwdriver.

ASSEMBLY

PACKING LIST
Blower tube / Nozzle
Upper blower tube
Lower blower tube
Adaptor installed in vacuum bag
Upper vacuum tube
Lower vacuum tube
Lubricating oil
Operator’s manual
Figure sheet

UNPACKING
This product requires assembly.
- Carefully remove the product and any accessories from the box. Make sure that all items listed in 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.

ASSEMBLING THE BLOWER TUBES
See Figure 2.
- Close the vacuum inlet cover securely. Make sure the metal contact on the inlet cover is inserted into the positive switch.
- Align the raised tabs on the blower housing outlet to the slots at the upper tube; slide and tighten securely by twisting; press slider plate into the slot of the positive switch to make sure the switch is engaged and ready to operate.
- Connect the lower and upper tubes together.
- Connect the nozzle.
- To remove the blower tube, pull out the slider from the positive switch, then rotate the tubes to remove them from the blower housing outlet.

INSTALLING THE VACUUM BAG
See Figure 3-4.
- Unzip the vacuum bag and place the adaptor inside as shown. Push the vacuum bag adaptor through the opening in a direction opposite to the zipper. The wider end of the adaptor will remain in 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, press the metal contact into the positive switch slot to make sure the switch is engaged and ready to operate.
- 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 Figure 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 matching orifice on the upper vacuum tube. The two tubes become one tube assembly after inserting them together.
- Depress door tab using a flathead screwdriver to open the vacuum inlet cover.
- Align tabs on housing with the tube assembly.
- Tighten screws on the upper vacuum tube to secure to the blower housing. Make sure the metal contact on the vacuum tube is inserted into the positive switch.

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 securely. Make sure the metal contact on the inlet cover is inserted into the positive switch.

OPERATION

NOTE: The product has positive switches at the blowing and vacuuming opening sides. The product will only run if both the metal contacts are inserted into the positive switches. When running the product in blower mode (Fig. 8), the metal contact on the blower tube and the inlet cover must be inserted into their respective positive switches. When running the product in vacuum mode (Fig. 11), the metal contact on the adapter tube and the vacuum tube must be inserted into their respective positive switches.

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: Do not operate the product near open windows.

WARNING: Always wear eye protection with side shields marked to comply with EN 166, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

APPLICATIONS
You may use this product for the purposes listed below:
■ Clearing leaves and other debris from your lawn.
■ Keeping decks and driveways free from leaves and pine needles.
■ Vacuuming leaves from your lawn.

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

NOTE: Mix 2% lubricant into the petrol. Use synthetic 2-stroke lubricant only.

■ Use a clean container that is approved for use with petrol.
■ Mix the 2-cycle engine oil with unleaded petrol in the container according to the instructions on the oil package.

NOTE: This engine is certified to operate on unleaded petrol intended for automotive use with an octane rating of 91 [(R + M) / 2] or higher. Do not use automotive oil or 2-cycle outboard oil.

NOTE: Most fuel mixture will stay fresh up to 30 days. DO NOT mix quantities larger than usable in a 30 day period.

2-CYCLE FUEL / OIL MIX (50:1)

<table>
<thead>
<tr>
<th>PETROL</th>
<th>OIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 gallon (US) 2.6 oz.</td>
<td>1 litre 20 cc (20 ml)</td>
</tr>
</tbody>
</table>

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 fueling. Never add fuel to a machine with a running or hot engine. Move at least 9 m away from the refueling 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 any spilled fuel from the product.
■ Move at least 9 m away from the refueling area before starting the product.

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.

OXYGENATED FUELS
Fuel system damage or performance problems resulting from the use of an oxygenated fuel containing a
percentage of oxygenates more than that stated previously are NOT covered under warranty. Petrol containing up to 10% ethanol by volume (commonly referred to as E10) or 15% ethanol by volume (commonly referred to as E15) are acceptable. Do not use E85 fuel. It will void your warranty.

STARTING AND STOPPING
See figure 7.

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

To start an engine:
Follow the instruction on the machine or described earlier in this manual.

To stop the engine:
Toggle the switch to the "O" (off) position.

BLOWER OPERATION
See Figure 8 - 9.

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

■ Operate the equipment at reasonable hours only - not early in the morning or late at night when others might be disturbed. Comply with the times listed in local ordinances.

■ To reduce sound level, limit the number of products used at any one time and operate the blower at the lowest possible throttle speed. This may also reduce vibration level.

■ Check your equipment before operation, especially the silencer, air intakes and air filters.

■ Use rakes and brooms to loosen debris before blowing.

■ In dusty conditions, slightly dampen surfaces.

■ 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.

■ Blow around the outer edges of a debris pile to prevent debris from scattering. Never blow directly into the centre of a pile.

■ After using blowers or other equipment, clean up. Dispose of debris properly.

NOTE: 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 the cruise control lever back towards user and stop at the desired throttle setting.

■ To release the cruise control, push the cruise control lever all the way towards the front of product.

VACUUM OPERATION
See figure 11.

WARNING:
Keep the silencer 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 engine. Refer to the "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 equipment 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 of the vacuum tube.

■ Always point the vacuum tube downhill when working on a hillside.

■ To avoid serious injury to the operator or damage to the product, do not attempt to suck rocks, broken glass, bottles, or other similar objects.

■ If the vacuum tubes get clogged, stop the engine, ensure the 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. Then, 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.

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 eye protection with side shields marked to comply with EN 166, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.
WARNING: Before inspecting, cleaning, or servicing the product, shut off the engine, wait for all moving parts to stop, disconnect the spark plug wire and move it away from the spark plug. Failure to follow these instructions can result in serious personal injury or property damage.

GENERAL MAINTENANCE
Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various commercial solvents. Use clean cloths to remove dirt, dust, lubricant, grease, etc.

WARNING: Do not at any time let brake fluids, petrol, petroleum-based products, penetrating lubricants, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

You can often make adjustments and repairs described here. For other repairs, have the blower/vacuum serviced by an authorized service dealer.

CLEANING THE AIR FILTER
See Figure 12 - 13.
For proper performance and long life, keep the air filter clean.
- Remove the air filter cover by turning the dial counter clockwise while gently pulling out the cover.
- Rinse the filter with clean water.
- Gently squeeze filter until excess water is removed. Replace the filter.
- Place the air filter cover back on the product. Turn dial clockwise until the cover is secured.

CLEANING THE EXHAUST PORT, SILENCER AND SPARK ARRESTOR
Depending on the type of fuel used, the type and amount of lubricant used, and/or your operating conditions, the exhaust port, silencer, and/or spark arrestor screen may become blocked with carbon deposits. If you notice a power loss with your petrol powered tool, you may need to remove these deposits to restore performance. We highly recommend that only qualified service technicians perform this service.

It is recommended to clean or replace the spark arrestor 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.

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.

THE FUEL CAP
WARNING: A leaking fuel cap is a fire hazard and must be replaced immediately.
The fuel cap contains a non-serviceable filter and a check valve. A clogged fuel filter will cause poor engine performance. If performance improves when the fuel cap is loosened, the check valve may be faulty or the filter is clogged. Replace the fuel cap as required.

SPARK PLUG REPLACEMENT
This engine uses a Ryobi AC00160, Champion RCJ-6Y or NGK BPMR7A spark plug with a .025 in. electrode gap. Use an exact replacement and replace annually.

STORING THE PRODUCT
- Clean all foreign material from the product. Store idle unit indoors in a dry, well-ventilated area that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and de-icing salts.
- Comply with all the ISO and local regulations for the safe storage and handling of petrol.
When storing for 1 month or longer:
- Drain all fuel from the tank into a container approved for petrol. Run the engine until it stops.
## PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine displacement</td>
<td>26 cc</td>
</tr>
<tr>
<td>Air velocity</td>
<td>325 km/h</td>
</tr>
<tr>
<td>Air volume</td>
<td>11 m³/min</td>
</tr>
<tr>
<td>Weight</td>
<td>4.4 kg</td>
</tr>
<tr>
<td>Rated power</td>
<td>0.75 kW</td>
</tr>
<tr>
<td>Engine speed (Max.)</td>
<td>10000 /min</td>
</tr>
<tr>
<td>Engine speed (Idle)</td>
<td>2800 - 4600 /min</td>
</tr>
<tr>
<td>Sound power level according to EN 15503:2009+A1:2013</td>
<td></td>
</tr>
<tr>
<td>Racing</td>
<td>105.7 / 106.0 dB(A)</td>
</tr>
<tr>
<td>Idling</td>
<td>89.7 / 87.9 dB(A)</td>
</tr>
<tr>
<td>Equivalent A-weight Sound power level:</td>
<td>105.7 / 106.0 dB(A)</td>
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<tr>
<td>Uncertainty K (sound power level)</td>
<td>3.0 dB</td>
</tr>
<tr>
<td>Sound pressure level at operator position (Blower / vacuum) :</td>
<td></td>
</tr>
<tr>
<td>Racing</td>
<td>91.7 / 95.2 dB(A)</td>
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<tr>
<td>Idling</td>
<td>75.8 / 74.5 dB(A)</td>
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<tr>
<td>Equivalent A-weight emission sound pressure level</td>
<td>91.1 / 94.5 dB(A)</td>
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<td>Uncertainty K (sound pressure level)</td>
<td>3.0 dB</td>
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<tr>
<td>Vibration value at handle according to EN 15503:2009+A1:2013</td>
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<td>Blower mode (Upper handle)</td>
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<tr>
<td>Racing (without nozzle):</td>
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</tr>
<tr>
<td>Idling</td>
<td>7.0 m/s²</td>
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<td>Equivalent vibration total value</td>
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</tr>
<tr>
<td>Vacuum mode (Upper handle/Vacuum handle)</td>
<td></td>
</tr>
<tr>
<td>Racing</td>
<td>12.6 / 19.8 m/s²</td>
</tr>
<tr>
<td>Idling</td>
<td>6.5 / 6.3 m/s²</td>
</tr>
<tr>
<td>Equivalent vibration total value</td>
<td>11.9 / 18.5 m/s²</td>
</tr>
<tr>
<td>Uncertainty K (Vibration)</td>
<td>1.5 m/s²</td>
</tr>
</tbody>
</table>
# TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine fails to start.</td>
<td>No fuel in tank.</td>
<td>Fill the tank.</td>
</tr>
<tr>
<td></td>
<td>Spark plug shorted or fouled.</td>
<td>Replace the spark plug.</td>
</tr>
<tr>
<td></td>
<td>Spark plug broken (cracked porcelain or electrodes broken; ignition lead wire</td>
<td>• Replace the spark plug; or</td>
</tr>
<tr>
<td></td>
<td>shorted, broken, or disconnected from spark plug.)</td>
<td>• Replace the lead wire or attach it to the spark plug.</td>
</tr>
<tr>
<td>Ignition inoperative.</td>
<td></td>
<td>Check and make sure the switches engaged are ready to work:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Put the guards to the right positions at the blowing and vacuuming</td>
</tr>
<tr>
<td></td>
<td></td>
<td>opening sides, and insert the sliders into the switch slots right way.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• If the engine still fails to start, contact an authorized service</td>
</tr>
<tr>
<td></td>
<td></td>
<td>centre.</td>
</tr>
<tr>
<td>Engine flooded</td>
<td></td>
<td>• Remove the spark plug, then turn the product until the spark plug</td>
</tr>
<tr>
<td></td>
<td></td>
<td>hole aims at the ground.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Set the choke lever to &quot;RUN&quot; position and pull the starter grip 10 to</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 times. This will clear excessive fuel from the engine.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Remove any fuel from the product.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Clean and reinstall the spark plug.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Clean up any spilled fuel and move it at least 9 m away from the</td>
</tr>
<tr>
<td></td>
<td></td>
<td>engine before restarting.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Pull the starter grip 3 times with the choke lever at &quot;RUN&quot; position.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• If the engine does not start, set the choke lever to &quot;FULL&quot; position</td>
</tr>
<tr>
<td></td>
<td></td>
<td>and repeat the normal starting procedure.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• If the engine still fails to start, repeat the above procedure with a</td>
</tr>
<tr>
<td></td>
<td></td>
<td>new spark plug.</td>
</tr>
<tr>
<td>Engine hard to start.</td>
<td>Water in petrol or stale fuel mixture.</td>
<td>Drain the entire system and refill with fresh fuel.</td>
</tr>
<tr>
<td></td>
<td>Too much lubricant in fuel mixture.</td>
<td>Drain and refill with correct mixture.</td>
</tr>
<tr>
<td></td>
<td>Engine under or over choked.</td>
<td>Adjust the choke as necessary.</td>
</tr>
<tr>
<td></td>
<td>Weak spark at spark plug.</td>
<td>Contact an authorized service centre.</td>
</tr>
<tr>
<td>Engine lacks power.</td>
<td>Air filter clogged.</td>
<td>Clean the air filter according to the &quot;Cleaning the Air Filter&quot; section</td>
</tr>
<tr>
<td></td>
<td></td>
<td>earlier in this manual.</td>
</tr>
<tr>
<td>Engine overheats.</td>
<td>Insufficient lubricant in fuel mixture.</td>
<td>Mix the fuel according to the &quot;Mixing the Fuel&quot; section earlier in this</td>
</tr>
<tr>
<td></td>
<td></td>
<td>manual.</td>
</tr>
</tbody>
</table>
GUARANTEE

In addition to any statutory rights resulting from the purchase, this product is covered by a guarantee as stated below.

1. The guarantee period is 24 months for consumers and commences on the date when the product was purchased. This date has to be documented by an invoice or other proof of purchase. The product is designed and dedicated to consumer and private use only. So there is no guarantee provided in case of professional or commercial use.

2. There is, in some cases (i.e. promotion, range of tools), a possibility to extend the warranty period over the period described above using the registration on the www.ryobitools.eu website. The eligibility of the tool is clearly displayed in stores and/or on packaging. The end user needs to register his/her newly-acquired tools online within 8 days from the date of purchase. The end user may register for the extended warranty in his country of residence if listed on the online registration form where this option is valid. Furthermore, end users must give their consent to the storage of the data which are required to enter online and they have to accept the terms and conditions. The registration confirmation receipt, which is sent out by e-mail, and the original invoice showing the date of purchase will serve as proof of the extended warranty. Your statutory rights remain unaffected.

3. The guarantee covers all defects of the product during the warranty period due to defaults in workmanship or material at the purchase date. The guarantee is limited to repair and/or replacement and does not include any other obligations including but not limited to incidental or consequential damages. The warranty is not valid if the product has been misused, used contrary to the instruction manual, or being incorrectly connected. This guarantee does not apply to:
   - any damage to the product that is the result of improper maintenance
   - any product that has been altered or modified
   - any product where original identification (trade mark, serial number) markings have been defaced, altered or removed
   - any damage caused by non-observance of the instruction manual
   - any non CE product
   - any product which has been attempted to be repaired by an non-qualified professional or without prior authorization by Techtronic Industries
   - any product connected to improper power supply (amps, voltage, frequency)
   - any product used with inappropriate fuel mixture (fuel, oil, percentage of oil)
   - any damage caused by external influences (chemical, physical, shocks) or foreign substances
   - normal wear and tear of spare parts
   - inappropriate use, overloading of the tool
   - use of non-approved accessories or parts
   - carburettor after 6 months, carburettor adjustments after 6 months
   - components (parts and accessories) subject to natural wear and tear, including but not limited to bump knobs, drive belts, clutch, blades of hedge trimmers or lawn mowers, harness, cable throttle, carbon brushes, power cord, tines, felt washers, hitch pins, blower fans, blower and vacuum tubes, vacuum bag and straps, guide bars, saw chains, hoses, connector fittings, spray nozzles, wheels, spray wands, inner reels, outer spools, cutting lines, spark plugs, air filters, gas filters, mulching blades, etc.

4. For servicing, the product must be sent or presented to a RYOBI authorized service station listed for each country in the following list of service station addresses. In some countries your local RYOBI dealer undertakes to send the product to the RYOBI service organisation. When sending a product to a RYOBI service station, the product should be safely packed without any dangerous contents such as petrol, marked with sender's address and accompanied by a short description of the fault.

5. A repair/replacement under this guarantee is free of charge. It does not constitute an extension or a new start of the guarantee period. Exchanged parts or tools become our property. In some countries delivery charges or postage will have to be paid by the sender.

6. This guarantee is valid in the European Community, Switzerland, Iceland, Norway, Liechtenstein, Turkey and Russia. Outside these areas, please contact your authorized RYOBI dealer to determine if another warranty applies.
<table>
<thead>
<tr>
<th>Authorised Service Centres</th>
<th>Address</th>
<th>Phone</th>
<th>Email</th>
<th>Web Site</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACD PLANT LTD</strong></td>
<td>145 Southbank Road, Coedon, Coventry, West Midlands, CV6 1FG</td>
<td>02476 594348</td>
<td><a href="mailto:danmogunigle@acdplant.co.uk">danmogunigle@acdplant.co.uk</a></td>
<td><a href="http://www.acdplant.co.uk">www.acdplant.co.uk</a></td>
</tr>
<tr>
<td>CBS Power Tools Limited</td>
<td>Unit 4, V P Square, Storeys Bar Rd, Fengate, Peterborough, Cambridgeshire, PE1 5YS</td>
<td>01733 343031</td>
<td><a href="mailto:steve@cbspowertools.co.uk">steve@cbspowertools.co.uk</a></td>
<td><a href="http://www.cbspowertools.com">www.cbspowertools.com</a></td>
</tr>
<tr>
<td>C D Powertools</td>
<td>76 Old Road, Churwell Morley, Leeds, LS27 7TH</td>
<td>0113 2718494</td>
<td><a href="mailto:info@cdpowertools.co.uk">info@cdpowertools.co.uk</a></td>
<td><a href="http://www.cdpowertools.co.uk">www.cdpowertools.co.uk</a></td>
</tr>
<tr>
<td>C J Sinclair Limited</td>
<td>44 Victoria Road, St Peters, Broadstairs, Kent, CT10 2UG</td>
<td>01843 869400</td>
<td><a href="mailto:repairs@cjsinclairltd.co.uk">repairs@cjsinclairltd.co.uk</a></td>
<td><a href="http://www.cjsinclairltd.co.uk">www.cjsinclairltd.co.uk</a></td>
</tr>
<tr>
<td>Powertech Ind Ltd</td>
<td>Unit 2C, Ellison Road, Norwood Ind, Killamarsh, Sheffield, South Yorkshire, S21 2JG</td>
<td>01142 474080</td>
<td><a href="mailto:stores@powertech-industrial.co.uk">stores@powertech-industrial.co.uk</a></td>
<td><a href="http://www.powertech-industrial.co.uk">www.powertech-industrial.co.uk</a></td>
</tr>
<tr>
<td>RYCKO Technical Services LTD</td>
<td>104 Green Lane, St Albans, Herts, AL3 6EX</td>
<td>08458 676790</td>
<td><a href="mailto:info@ryckotechnical.com">info@ryckotechnical.com</a></td>
<td><a href="http://www.ryckotechnical.com">www.ryckotechnical.com</a></td>
</tr>
<tr>
<td>ToolTech Industrial Equipment</td>
<td>227 E Dunhill Road, Macosquin, Coleraine, Co Londonderry, BT514LG</td>
<td>028 70359493</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For an updated list of authorised service centres, visit [http://uk.ryobitools.eu/header/service-and-support/service-agents](http://uk.ryobitools.eu/header/service-and-support/service-agents).
DECLARATION OF CONFORMITY

Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

Herewith we declare that the product
Blower / Vacuum
Brand: Ryobi
Model number: RBV26B
Serial number range: 44438101000001 - 44438101999999

is in conformity with the following European Directives
2011/88/EU, 2012/46/EU

and furthermore, we declare that the following (parts/clauses of) European harmonised standards have been used

Measured sound power level: 106.2 dB(A)
Guaranteed sound power level: 107 dB(A)
Conformity assessment method to Annex V Directive 2000/14/EC.

Floyd Jeffrey Nesom (BSME)
Senior Director of Engineering
Winnenden, Apr. 30, 2016

Authorised to compile the technical file:
Alexander Krug, Managing Director
Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany