



# MAC GB 275



## INSTRUCTION MANUAL

**GB**

**IMPORTANT INFORMATION:** Please read these instructions carefully and make sure you understand them before using this unit. Retain these instructions for future reference.

**FR**

## MANUEL D'INSTRUCTIONS

**RENSEIGNEMENTS IMPORTANTS:** Avant d'utiliser cet appareil, veuillez lire attentivement les instructions et assurez-vous de les avoir comprises. Conservez les instructions pour référence ultérieure.

**DE**

## BETRIEBSANWEISUNG

**WICHTIGE INFORMATION:** Lesen Sie diese Hinweise zur Handhabung des Geräts aufmerksam durch. Verwenden Sie es erst, wenn Sie sicher sind, daß Sie alle Anweisungen verstanden haben und gut aufbewahren.

**ES**

## MANUAL DE INSTRUCCIONES

**INFORMACIÓN IMPORTANTE:** Lea atentamente las instrucciones y asegúrese de entenderlas antes de utilizar esta aparato. Conserve las instrucciones para la referencia en el futuro.

**IT**

## LIBRETTO D'ISTRUZIONI

**INFORMAZIONI IMPORTANTI:** Siete pregati di leggere attentamente questo istruzioni e prendere dimestichezza con il prodotto prima di usario. Mantenga queste istruzioni per riferimento futuro.

**NL**

## HANDLEIDING

**BELANGRIJKE IMPORTANTS:** Lees deze instructies zorgvuldig en wees er zeker van dat u ze begrijpt alvorens de blower te gebruiken en bewaar ze voor toekomstige raadpleging.

## KEY TO SYMBOLS



**WARNING:** This blower can be dangerous! Careless or improper use can cause serious or even fatal injury.



Use unleaded or quality leaded petrol and two stroke oil.



Read and understand the instruction manual before using the blower.



**WARNING:** The blower may throw objects at high velocity that can ricochet and hit the operator. This may cause serious eye damage.



Approved protective goggles or visor, ear protection, and face mask in dusty environments must be worn.



The blower operator must make sure that no bystanders or animals come nearer than 15 meters. Whenever several operators are working in the same work area, they should maintain a safe distance of at least 15 meters from one another.



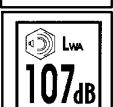
Always wear approved, protective gloves.



The blower operator must make sure that no bystanders or animals come nearer than 15 meters. Whenever several operators are working in the same work area, they should maintain a safe distance of at least 15 meters from one another.



Sound pressure level at 7.5 meters



Sound power level

## SAFETY RULES

**⚠️ WARNING:** Failure to follow all Safety Rules and Precautions can result in serious injury.

### KNOW YOUR UNIT

- Read your instruction manual carefully until you completely understand and can follow all warnings and safety rules before operating the unit.
- Restrict unit to users who understand and will follow all warnings and safety rules in this manual.

**⚠️ WARNING:** Inspect area before starting unit. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation.

Use your unit as a blower for:

- Sweeping debris or grass clippings from driveways, sidewalks, patios, etc.
- Blowing grass clippings, straw, or leaves into piles, around joints, or between bricks.

### PLAN AHEAD

**⚠️ WARNING:** This machine produces an electromagnetic field during operation. Under some circumstances, this field may interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.

- Always wear eye and ear protection when operating, servicing, or performing maintenance on unit. Wearing eye protection will help to prevent rocks or debris from being blown or ricocheting into eyes and face which can result in blindness and/or serious injury. Eye protection should be marked Z87.
- Always wear foot protection. Do not go barefoot or wear sandals.
- Always wear respirator or face mask when working with unit in dusty environments.
- Secure hair above shoulder length. Secure or remove jewelry, loose clothing, or clothing with loosely hanging straps, ties, tassels, etc. They can be caught in moving parts.
- Do not operate unit when you are tired, ill, upset, or if you are under the influence of alcohol, drugs, or medication.
- Keep children, bystanders, and animals away from work area a minimum of 15 meters when starting or operating unit. Do not point blower nozzle in the direction of people or pets.

### HANDLE FUEL WITH CAUTION

- Eliminate all sources of sparks or flame (including smoking, open flames, or work that can cause sparks) in the areas where fuel is mixed, poured, or stored.
- Mix and pour fuel in an outdoor area; store fuel in a cool, dry, well ventilated place; use an approved, marked container for all fuel purposes.
- Do not smoke while handling fuel or while operating the unit.

- Make sure the unit is properly assembled and in good operating condition.
- Do not fill fuel tank while engine is hot or running.
- Avoid spilling fuel or oil. Wipe up fuel spills before starting engine.
- Move at least 3 meters away from fuel and fueling site before starting engine.
- Always store petrol in a container approved for flammable liquids.

### **OPERATE YOUR UNIT SAFELY**

- This garden blower is only designed for blowing away leaves and other debris on the ground.
- Inspect unit before each use for worn, loose, missing, or damaged parts. Do not use until unit is in proper working order.
- Keep outside surfaces free of oil and fuel.
- Never start or run engine inside a closed room or building. Breathing exhaust fumes can kill.
- Mufflers fitted with catalytic converters get very hot during use and remain so for some time after stopping. This also applies at idle speed. Contact can result in burns to the skin. Remember the risk of fire!
- To avoid static electricity shock, do not wear rubber gloves or any other insulated gloves while operating unit.
- Do not set unit on any surface except a clean, hard area while engine is running. Debris such as gravel, sand, dust, grass, etc. could be picked up by the air intake and thrown out through discharge opening, damaging unit, property, or causing serious injury to bystanders or operator.
- Avoid dangerous environments. Do not use in unventilated areas or where explosive vapors or carbon monoxide build up could be present.
- Do not overreach or use from unstable surfaces such as ladders, trees, steep slopes, rooftops, etc. Keep firm footing and balance at all times.
- Never place objects inside the blower tube; always direct the blowing debris away from people, animals, glass, and solid objects such as trees, automobiles, walls, etc. The force of air can cause rocks, dirt, or sticks to be thrown or to ricochet which can hurt people or animals, break glass, or cause other damage.
- Never run unit without the proper equipment attached. Always install blower tube.
- Check air intake opening and blower tube frequently, always with engine stopped and spark plug disconnected. Keep vents and discharge tube free of debris which can accumulate and restrict proper air flow.

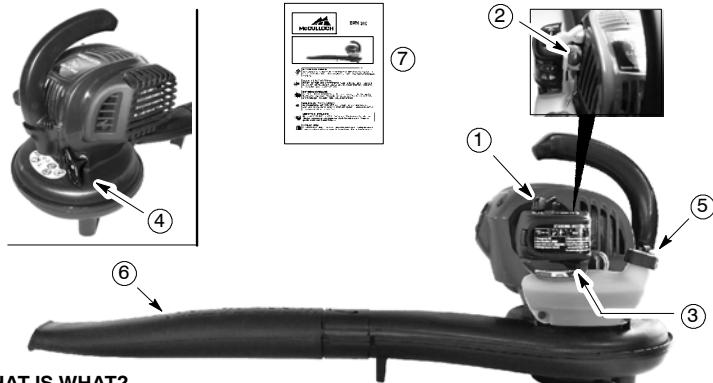
- Never place any object in the air intake opening as this could restrict proper air flow and cause damage to the unit.
- Never use for spreading chemicals, fertilizers, or other substances which may contain toxic materials.
- To avoid spreading fire, do not use near leaf or brush fires, fireplaces, barbecue pits, ashtrays, etc.
- Use only for jobs explained in this manual.

### **MAINTAIN YOUR UNIT PROPERLY**

- Have all maintenance other than the recommended procedures described in the instruction manual performed by an authorized service dealer.
- Disconnect spark plug before performing maintenance except for carburetor adjustments.
- Use only recommended McCulloch replacement parts; use of any other parts may void your warranty and cause damage to your unit.
- Empty fuel tank before storing the unit. Use up fuel left in carburetor by starting engine and letting it run until it stops.
- Do not use any accessory or attachment other than those recommended by manufacturer for use with your unit.
- Do not store the unit or fuel in a closed area where fuel vapors can reach sparks or an open flame from hot water heaters, electric motors or switches, furnaces, etc.
- Store in a dry area out of reach of children.
- Secure the machine during transport.

**SAFETY NOTICE:** Exposure to vibrations through prolonged use of gasoline powered hand tools could cause blood vessel or nerve damage in the fingers, hands, and joints of people prone to circulation disorders or abnormal swelling. Prolonged use in cold weather has been linked to blood vessel damage in otherwise healthy people. If symptoms occur such as numbness, pain, loss of strength, change in skin color or texture, or loss of feeling in the fingers, hands, or joints, discontinue the use of this tool and seek medical attention. An antivibration system does not guarantee the avoidance of these problems. Users who operate power tools on a continual and regular basis must monitor closely their physical condition and the condition of this tool.

## WHAT IS WHAT?



### WHAT IS WHAT?

- 1. Throttle lever
- 2. Primer bulb
- 3. Choke lever
- 4. Starter handle
- 5. Fuel cap
- 6. Blower tube
- 7. Instruction manual

## ASSEMBLY

### CARTON CONTENTS

Check carton contents against the following list.

- Blower
- Blower tube

**NOTE:** It is normal for the fuel filter to rattle in the empty fuel tank.

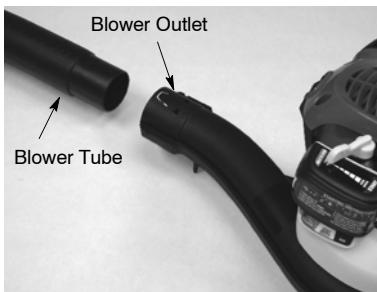
### ASSEMBLY

**WARNING:** If received assembled, repeat all steps to ensure your unit is properly assembled and all fasteners are secure. Follow all safety information in the manual and on the unit.

- No tools are required for assembly.

### BLOWER TUBE

- Push the blower tube into the blower outlet until it snaps into place.



# OPERATION

## OPERATING POSITION



## OPERATING TIPS

- To reduce the risk of hearing loss associated with sound level(s), hearing protection is required.
- To reduce the risk of injury associated with contacting rotating parts, stop the engine before installing or removing tube. Do not operate without guard(s) in place.
- Operate power equipment only at reasonable hours—not early in the morning or late at night when people might be disturbed. Comply with times listed in local ordinances. Usual recommendations are 9:00 a.m. to 5:00 p.m., Monday through Saturday.
- To reduce noise levels, limit the number of pieces of equipment used at any one time.
- To reduce noise levels, operate power blowers at the lowest possible throttle speed to do the job.
- Use rakes and brooms to loosen debris before blowing.
- In dusty conditions, slightly dampen surfaces or use a mister attachment when water is available.
- Conserve water by using power blowers instead of hoses for many lawn and garden applications, including areas such as gutters, screens, patios, grills, porches, and gardens.
- Watch out for children, pets, open windows, or freshly washed cars. Blow debris away safely.
- Use the full blower nozzle extension so the air stream can work close to the ground.
- After using blowers and other equipment, CLEAN UP! Dispose of debris in trash receptacles.

## BEFORE STARTING ENGINE

**⚠ WARNING:** Be sure to read the fuel information in the safety rules before you begin. If you do not understand the safety rules, do not attempt to fuel your unit. Contact an authorized service dealer.

## FUELING ENGINE

**⚠ WARNING:** Remove fuel cap slowly when refueling.

This engine is certified to operate on unleaded petrol. Before operation, petrol must be mixed with a good quality 2-cycle air-cooled engine oil. We recommend McCulloch brand oil mixed at a ratio of 40:1 (2.5%). A 40:1 ratio is obtained by mixing 5 liters of unleaded petrol with 0.125 liter of oil. When mixing fuel, follow the instructions printed on the container. Always read and follow the safety rules before fueling your unit.

## IMPORTANT

Experience indicates that alcohol blended fuels (called gasohol or using ethanol or methanol) can attract moisture which leads to separation and formation of acids during storage. Acidic gas can damage the fuel system of an engine while in storage. To avoid engine problems, empty the fuel system before storage for 30 days or longer. Drain the gas tank, start the engine and let it run until the fuel lines and carburetor are empty. Use fresh fuel next season. Never use engine or carburetor cleaner products in the fuel tank or permanent damage may occur.

## HOW TO STOP YOUR ENGINE

- To stop the engine, move the throttle lever to the STOP position and hold until engine stops running.

## BEFORE STARTING THE ENGINE

**⚠ WARNING:** You MUST make sure the tube are secure before using the unit.

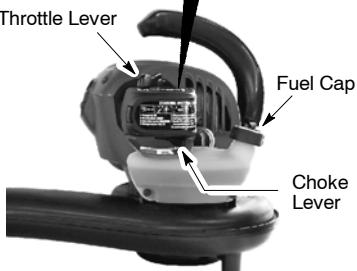
- Fuel engine. Move at least 3 meters away from the fueling site.
- Hold the unit in the starting position as shown. Make sure the blower end is directed away from people, animals, glass, and solid objects.



**⚠ WARNING:** When starting engine, hold the unit as illustrated. Do not set unit on any surface except a clean, hard area when starting engine or while engine is running. Debris such as gravel, sand, dust, grass, etc. could be picked up by the air intake and thrown out through the discharge opening, damaging the unit or property, or causing serious injury to bystanders or the operator.

## STARTING A COLD ENGINE (or a warm engine after running out of fuel)

1. Slowly press the primer bulb 6 times.
2. Move throttle lever to the START position.
3. Move choke lever to the FULL CHOKE position.

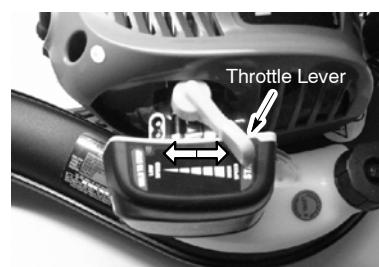


4. Pull starter rope sharply until engine attempts to run, but no more than 5 pulls.
5. Move choke lever to HALF CHOKE position. Pull starter rope sharply until engine runs.

**NOTE:** If engine has not started after 5 pulls, repeat all of the above steps.

6. After a 10 second warm-up, move the choke lever to the RUN position.

**NOTE:** The engine speed can be adjusted by moving the throttle lever to the left for low speed or right for high speed.



7. To stop engine, move the throttle lever to the STOP  position and hold until engine stops running.

**NOTE:** If engine does not stop, move choke lever to FULL CHOKE.

## STARTING A WARM ENGINE

1. Move throttle lever to the START position.
2. Move the choke lever to the HALF CHOKE position.
3. Pull starter handle sharply until engine runs.

**NOTE:** If engine does not run after 5 pulls, repeat STARTING A COLD ENGINE procedure.

4. After a 10 second warm-up, move the choke lever to the RUN position.

## DIFFICULT STARTING (or starting a flooded engine)

Flooded engines can be started by placing the choke lever in the RUN position and the throttle lever in the START position; then, pull the starter handle sharply to clear the engine of excess fuel. This could require pulling the starter handle many times depending on how badly the unit is flooded. If the unit still does not start, refer to TROUBLESHOOTING TABLE.

## MAINTENANCE

**WARNING:** Avoid touching muffler unless engine and muffler are cold. A hot muffler can cause serious burns.

**WARNING:** Disconnect the spark plug before performing maintenance except for carburetor adjustments.

### CHECK FOR LOOSE

### FASTENERS AND PARTS

- Spark Plug Boot
- Air Filter
- Housing Screws

### CHECK FOR DAMAGED OR WORN PARTS

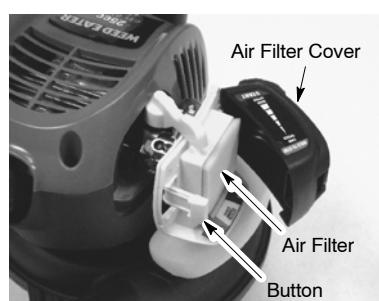
Contact an authorized service dealer for replacement of damaged or worn parts.

- Throttle Lever. Ensure throttle lever functions properly by moving the throttle lever to the STOP  position and holding until engine stops running; then restart engine and continue.
- Fuel Tank. Discontinue use of unit if fuel tank is damaged or leaks.

### INSPECT AND CLEAN UNIT & LABELS

- After each use, inspect complete unit for loose or damaged parts. Clean the unit and decals using a damp cloth with a mild detergent.
- Wipe off unit with a clean dry cloth.

### CLEAN AIR FILTER



A dirty air filter decreases engine performance and increases fuel consumption and harmful emissions. Always clean after every 5 hours of operation or yearly, whichever comes first.

1. Clean the cover and the area around it to keep debris from falling into the carburetor chamber when the cover is removed.
2. Press button to open air filter cover. Remove air filter.

**NOTE:** Do not clean filter in gasoline or other flammable solvent. Doing so can create a fire hazard or produce harmful evaporative emissions.

3. Wash the filter in soap and water.
4. Allow filter to dry.
5. Apply a few drops of oil to the filter; squeeze filter to distribute oil.
6. Replace parts.

## REPLACE SPARK PLUG

Replace spark plug each year to ensure the engine starts easier and runs better. Set spark plug gap at 0.6 mm. Ignition timing is fixed, nonadjustable.

1. Twist, then pull off spark plug boot.
2. Remove spark plug from cylinder and discard.
3. Replace with Champion RCJ-6Y spark plug and tighten securely with a 19 mm socket wrench.
4. Reinstall the spark plug boot.

## CARBURETOR ADJUSTMENTS

There is no screw for idle adjustment on your blower. The throttle lever is used to control engine speed. The engine speed can be adjusted by moving the throttle lever to the left for low speed or right for high speed. If your engine will not run properly or you require further assistance, contact an authorized service dealer.

## STORAGE

**WARNING:** Prepare unit for storage at end of season or if it will not be used for 30 days or more.

- Allow engine to cool, and secure the unit before storing or transporting.
- Store unit and fuel in a well ventilated area where fuel vapors cannot reach sparks or open flames from water heaters, electric motors or switches, furnaces, etc.
- Store unit with all guards in place. Position unit so that any sharp object cannot accidentally cause injury.
- Store unit and fuel well out of the reach of children.

### EXTERNAL SURFACES

- If your unit is to be stored for a period of time, clean it thoroughly before storage. Store in a clean dry area.
- Lightly oil external metal surfaces.

### INTERNAL ENGINE

- Remove spark plug and pour 1 teaspoon of 2-cycle engine oil (air cooled) through the spark plug opening. Slowly pull the starter rope 8 to 10 times to distribute oil.
- Replace spark plug with new one of recommended type and heat range.
- Clean air filter.
- Check entire unit for loose screws, nuts, and bolts. Replace any damaged, broken, or worn parts.
- Start each season using only fresh fuel having the proper gasoline to oil ratio.

### OTHER

- Do not store gasoline from one season to another.
- Replace your gasoline can if it starts to rust.

## TROUBLESHOOTING TABLE

**WARNING:** Always stop unit and disconnect spark plug before performing any of the recommended remedies below other than remedies that require operation of the unit.

TROUBLE	CAUSE	REMEDY
Engine will not start.	1. Engine flooded. 2. Fuel tank empty. 3. Spark plug not firing. 4. Fuel not reaching carburetor.  5. Compression low.	1. See "Starting Instructions." 2. Fill tank with correct fuel mixture. 3. Install new spark plug. 4. Check for dirty fuel filter; replace. Check for kinked or split fuel line; repair or replace. 5. Contact an authorized service dealer.
Engine will not idle properly.	1. Fuel not reaching carburetor.  2. Carburetor requires adjustment. 3. Crankshaft seals worn. 4. Compression low.	1. Check for dirty fuel filter; replace. Check for kinked or split fuel line; repair or replace. 2. Contact an authorized service dealer. 3. Contact an authorized service dealer. 4. Contact an authorized service dealer.
Engine will not accelerate, lacks power, or dies under a load.	1. Air filter dirty. 2. Fuel not reaching carburetor.  3. Spark plug fouled. 4. Spark arresting screen clogged. 5. Carburetor requires adjustment. 6. Carbon build up. 7. Compression low.	1. Clean or replace air filter. 2. Check for dirty fuel filter; replace. Check for kinked or split fuel line; repair or replace. 3. Clean or replace spark plug; re-gap. 4. Replace screen. 5. Contact an authorized service dealer. 6. Contact an authorized service dealer. 7. Contact an authorized service dealer.
Engine smokes excessively.	1. Choke partially on. 2. Fuel mixture incorrect.  3. Air filter dirty. 4. Carburetor requires adjustment.	1. Adjust choke. 2. Empty fuel tank and refill with correct fuel mixture. 3. Clean or replace air filter. 4. Contact an authorized service dealer.
Engine runs hot.	1. Fuel mixture incorrect. 2. Spark plug incorrect. 3. Carburetor requires adjustment. 4. Carbon build up.	1. See "Fueling Your Unit." 2. Replace with correct spark plug. 3. Contact an authorized service dealer. 4. Contact an authorized service dealer.

## DECLARATION OF CONFORMITY

### EC Declaration of Conformity (Only applies to Europe)

We, **Husqvarna AB**, SE-561 82 Huskvarna, Sweden, tel: +46-36-146500, as authorised representative in the Community, declare that the garden blower model **McCulloch Mac GB 275** with serial numbers dating from 2009 and onwards (the year is clearly stated on the rating plate, followed by the serial number), comply with the requirements of the **COUNCIL'S DIRECTIVES**:

of 17 May 2006 "relating to machinery" **2006/42/EC**;

of 15 December 2004 "relating to electromagnetic compatibility" **2004/108/EC**, and applicable supplements; and

of 8 May 2000 "relating to the noise emissions in the environment" in accordance with Annex V of **2000/14/EC**. For information relating to noise emissions, see Technical data section.

The following standards have been applied: **EN ISO 12100-1/A1:2009, EN ISO 12100-2/A1:2009, CISPR 12:2007**.

SMP Svensk Maskinprovning AB, Fyrisborgsgatan 3, S-754 50 Uppsala, Sweden, has performed voluntary type examination on behalf of Husqvarna AB. The certificate(s) are numbered: **SEC/09/2025**.

09-11-01

Ronnie E. Goldman, Director of Engineering  
Authorized representative for Husqvarna AB and  
responsible for technical documentation

## TECHNICAL DATA

**MODEL:** Mac GB 275

**ENGINE**

Engine displacement, cm <sup>3</sup>	25
Maximum Engine Power, according to ISO 8893, kW	0,6
Idle Speed +/- 400, rpm	4500
Catalytic converter muffler	Yes

**IGNITION SYSTEM**

Spark plug	Champion RCJ-6Y
Electrode gap, mm	0,6

**FUEL AND LUBRICATION SYSTEM**

Fuel tank capacity, cm <sup>3</sup>	270
-------------------------------------	-----

**WEIGHT**

Weight with tube, empty tank, kg	3,68
----------------------------------	------

**NOISE EMISSIONS**

(see Note 1)

Sound power level, measured dB(A)	103
Sound power level, guaranteed L <sub>WA</sub> dB(A)	107

**SOUND LEVELS**

(see Note 2)

Equivalent sound pressure level at the operator's ear, measured according to ISO 22868, dB(A)

Equipped with blower tube (original)	91,9
--------------------------------------	------

**VIBRATION LEVELS**

(see Note 3)

Equivalent vibration levels (a<sub>bv,eq</sub>) at handles, measured according to ISO 22867, m/s<sup>2</sup>

Equipped with blower tube (original), right	4,9
---	-----

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

**Note 2:** Reported data for equivalent sound pressure level for the machine has a typical statistical dispersion (standard deviation) of 1 dB(A).

**Note 3:** Reported data for equivalent vibration level has a typical statistical dispersion (standard deviation) of 1 m/s<sup>2</sup>.