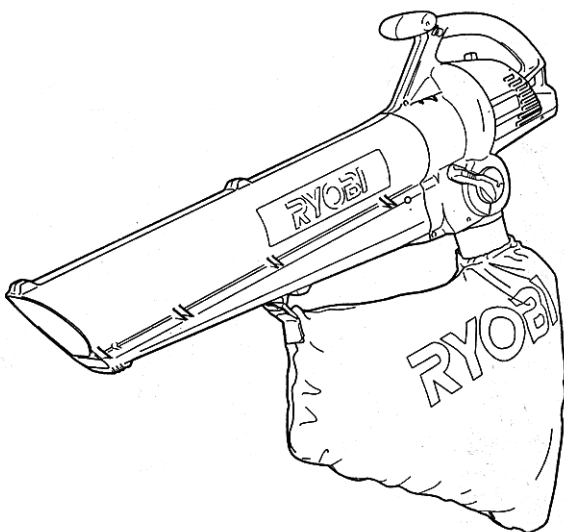


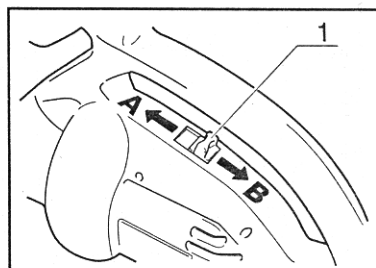
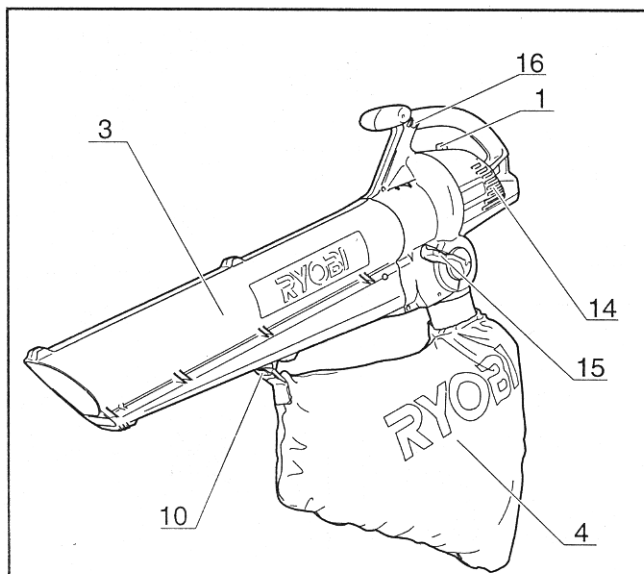
# RYOBI®

## RESV-1600 RESV-1610V

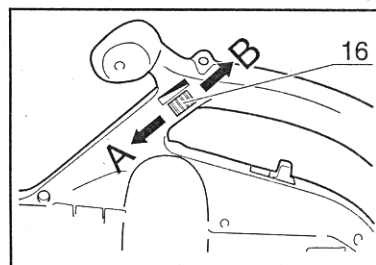
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<b>(F)</b>	ASPIRATEUR SOUFFLEUR BROYEUR	MANUEL D'UTILISATION
<b>(GB)</b>	MULCHING BLOWER VACUUM	OWNER'S OPERATING MANUAL
<b>(D)</b>	LOUBHÄCKSELSAUGER MIT BLASFÜHKTION	BENUTZERHANDBUCH
<b>(E)</b>	SOPLANTE ASPIRADOR TRITURADOR	MANUAL DEL USUARIO
<b>(I)</b>	ASPIRATORE E SOFFIATORE	MANUALE DI UTILIZZAZIONE
<b>(P)</b>	SOPRADOR-ASPIRADOR PARA COLETA DE FOLHAS	MANUAL DE UTILIZAÇÃO
<b>(NL)</b>	BLADBLAAS-ZUIGMACHINE	GEbruIKSAANWIJZING
<b>(S)</b>	BLÅS- OCH LÖVDAMMSUGARE	ÄGARENS HANDBOK
<b>(DK)</b>	LØVBLÆSER/SUGER	BETJENINGSVEJLEDNING
<b>(N)</b>	BLÅSER-/STØVSUGER TIL TEKking	BRUKSANVISNING
<b>(FIN)</b>	SILPPUAVA PUHALLINIMURI	KÄYTTÖOHJE
<b>(GR)</b>	ΧΟΡΤΟΣΥΛΛΕΚΤΙΚΗV ΜΗΧΑΝΗV ΜΕ ΑΝΤΑΙΑ ΚΕΝΟΥV	ΟΔΗΓΙΕΣΧΡΗΣΕΩΣ

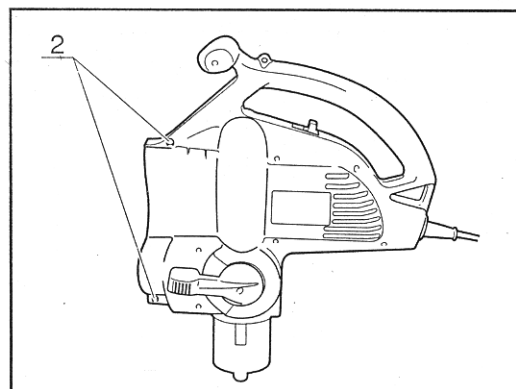




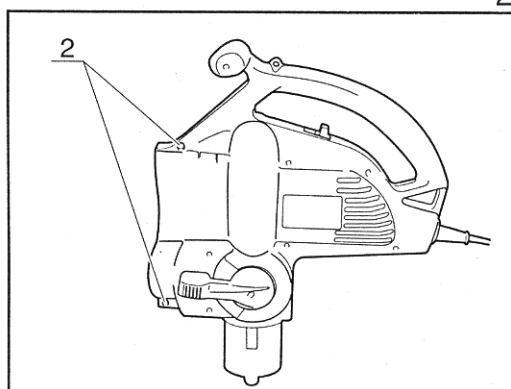
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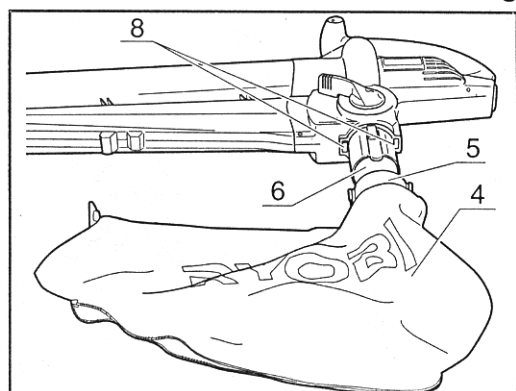
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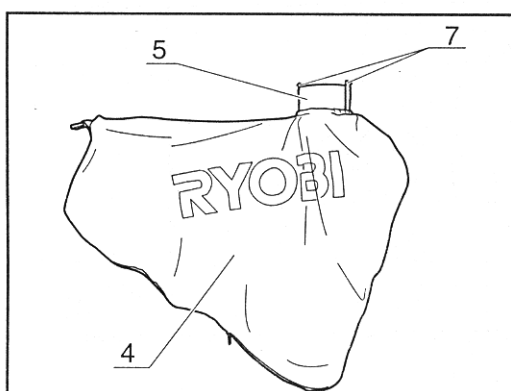
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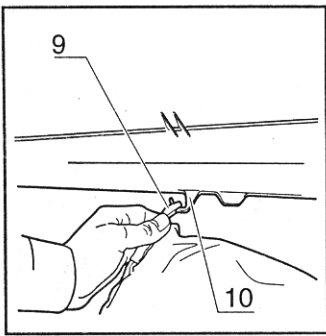
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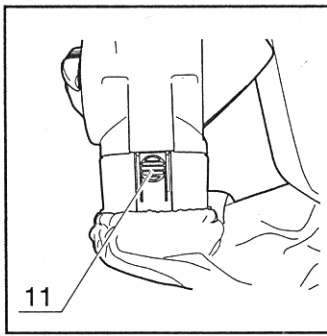
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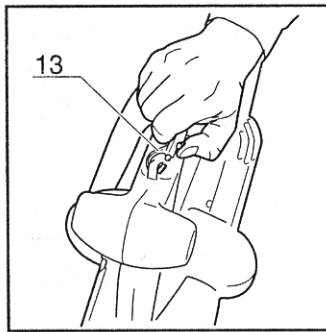
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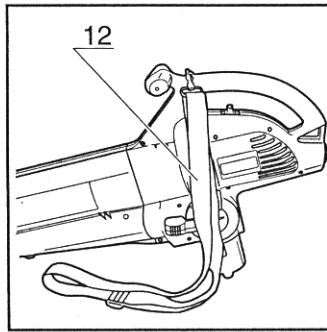
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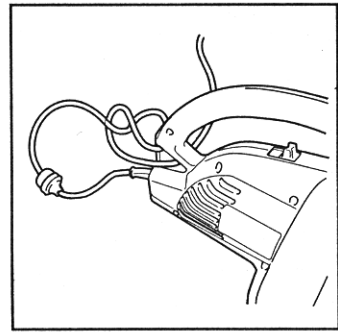
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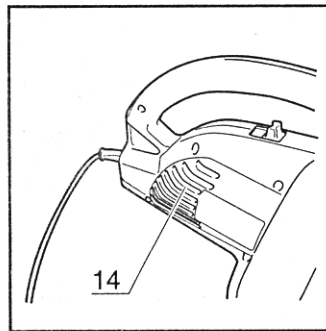
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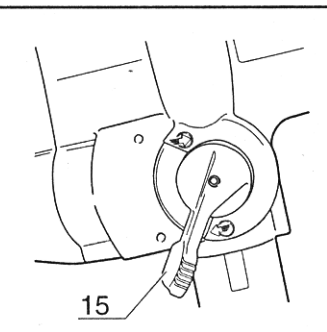
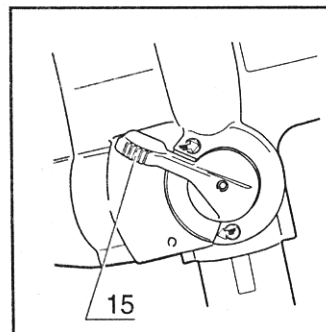
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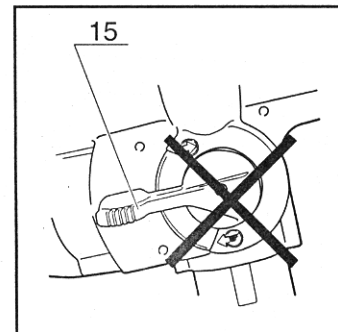
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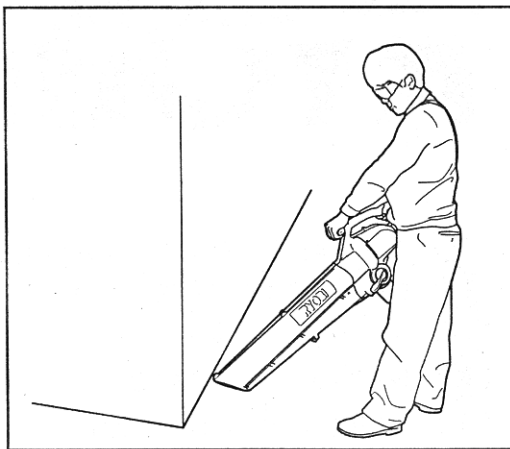
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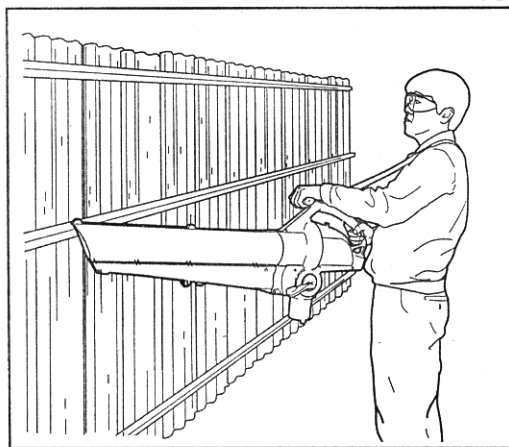
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# ENGLISH

## THANK YOU FOR BUYING A RYOBI PRODUCT.

To ensure your safety and satisfaction, carefully read through this OWNER'S MANUAL before using the product.

## SAFETY INSTRUCTIONS

### WARNING!

When using the appliance, the basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following.

Read all these instructions before attempting to operate this product and save these instructions.

### For safe operation:

1. Do not leave the appliance plugged in when not in use, or while being serviced. Unplug from the outlet when not in use and before servicing.
2. Do not use on wet surfaces. Do not expose to rain. Store indoors.
3. Do not allow to be used as a toy.  
Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only the manufacturer's recommended attachments.
5. This appliance is provided with double insulation. Use only the original equipment manufacturer's replacement parts.
6. Do not use with a damaged cord or plug. If the appliance is not working as it should or it has been dropped into water, return it to an authorized service center.
7. Do not pull or carry the appliance by the extension cord, do not use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces.
8. Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
9. Do not handle the plug or appliance with wet hands.
10. Do not put any object into openings.  
Do not use with any opening blocked; keep free of dirt, debris and anything that may reduce the air flow.
11. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
12. Do not vacuum up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
13. Do not use in the vacuum mode without the dust bag in place.
14. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
15. Turn off all controls before unplugging.
16. Use extra care when cleaning on stairs.

## ELECTRICAL SAFETY WARNINGS

1. **WARNING :** To reduce the risk of electrical shock, only extension cords approved for outdoor use. A 2-wire extension cord (an extension cord without a ground) may be used because the appliance is double-insulated. Extension cords are available from your local retailer.
2. **EXTENSION CORD -** Make sure your cord is in good condition. When using an extension cord, be sure to use a cord that is heavy enough to carry the current that your appliance will draw. The table shows the correct size to use depending on the cord length and nameplate amperage rating. If in doubt, use the next size up.

### MINIMUM WIRE SIZE OF EXTENSION CORDS FOR THIS APPLIANCE

Cord length (m)	Up to 50	50 - 75
Wire size (mm <sup>2</sup> )	1.0	1.5

3. The nameplate on this appliance indicates what voltage it uses. Never connect the appliance to an AC voltage that differs from this voltage.
4. Do not use in the presence of flammable liquids (such as gasoline) or gases. Doing so may cause a fire or explosion and/or damage to the appliance.

## PRE-OPERATIONAL SAFETY PRECAUTIONS

1. Thoroughly inspect your appliance for loose or damaged parts every time before using it. If there are any loose or damaged parts, perform the needed adjustment or repairs before starting your appliance.
2. Keep all bystanders, especially children, at least 9.2 m (30 ft.) away from the work area.
3. Inspect the area before starting the appliance. Remove all debris and hard or sharp objects such as rocks, glass, wire, etc.

4. **AVOID UNINTENTIONAL STARTING -** Be sure that the appliance switch is off when plugging in the appliance.
5. Always mount the nozzle before using the appliance.

## OPERATIONAL SAFETY PRECAUTIONS

1. Dress properly. Do not operate the appliance when barefoot or wearing open sandals. Always wear sturdy, rubber-soled footwear. The use of gloves, ear/hearing protection, and long trousers are recommended.
2. Wear goggles or safety glasses at all times when operating this appliance.
3. Do not wear loose-fitting clothing, or loose articles such as scarves, strings, chains, ties, etc. They could get drawn into the air intake. Also make sure long hair does not get drawn into the air intake.
4. Do not point the appliance in anyone's direction or in the direction of windows.
5. As a vacuum, the appliance is designed to pick up dry material such as leaves, grass, small twigs and bits of paper. Do not attempt to vacuum wet debris as this may result in damage to the appliance and possible electric shock. To avoid severe damage to the impeller, do not vacuum metal, broken glass, etc.
6. Unplug the appliance before attempting to install or remove the nozzle. The appliance must be unplugged and the impeller blades should no longer be turning to avoid contact with the rotating blades.
7. Do not overreach or use the unit from unstable surfaces such as ladders, trees, steep slopes, rooftops, etc. Keep proper footing and balance at all times.
8. Avoid situations that could set the dust bag alight. 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.
9. Do not put part of your body such as hands and fingers in the vacuum opening or exhaust opening, etc.

## MAINTENANCE SAFETY WARNINGS

1. Disconnect the appliance from the power supply when it is not in use and before servicing.
2. Keep your appliance in good working condition. Only an AUTHORIZED SERVICE CENTER or other QUALIFIED SERVICE ORGANIZATION should perform maintenance procedures that are not described in this manual.
3. Use only original replacement parts approved by RYOBI when servicing this appliance. The use of non-standard parts, or other accessories or attachments not designed for this appliance, could result in serious injury to the user and/or damage to the appliance.
4. **STORE THE APPLIANCE INDOORS -** When not in use, the appliance should be stored indoors in a dry and high place - out of the reach of children.  
Keep the appliance away from harmful substances such as solvents and fertilizers.

## DESCRIPTION

- |                         |                             |
|-------------------------|-----------------------------|
| 1. Switch               | 9. Hook                     |
| 2. Screw                | 10. Hooked part             |
| 3. Nozzle               | 11. Flap                    |
| 4. Dust bag             | 12. Shoulder strap          |
| 5. Dust bag tube        | 13. Metal fixture           |
| 6. Dust exhaust opening | 14. Air vents               |
| 7. Projection           | 15. Mode change-over lever  |
| 8. Hole                 | 16. Speed adjustment volume |

## SPECIFICATIONS

	RESV-1600	RESV-1610V
Input	1,600 W	1,600W
Air speed	250 km <sup>3</sup> / h	140 ~ 250 km <sup>3</sup> / h
Air volume	13 m <sup>3</sup> / min.	7.5 ~ 13 m <sup>3</sup> / min.
Mulching ratio	10 : 1	10 : 1
Dust bag capacity	35 liter	35 liter
Overall dimensions	1,070 X 215 X 451 mm (42-1/8" X 8-15/32" X 17-3/4")	1,070 X 215 X 451 mm (42-1/8" X 8-15/32" X 17-3/4")
Net weight	3.8 kg (8.4 lbs.)	3.8 kg (8.4 lbs.)

## STANDARD ACCESSORIES

Dust bag, shoulder strap

# ENGLISH

(HB11)

## APPLICATION

(Use only for the purposes listed below.)

1. Cleaning of yards, garages, shop, porches, patios, etc.

## SWITCH (Fig. 1)

This appliance is equipped with an on/off switch (1). To turn the unit on, push the switch up (direction A). And to turn the unit off, push the switch down (direction B).

## SPEED ADJUSTMENT (RESV-1610V only) (Fig. 2)

The air speed of this appliance can be adjusted.

Turning the speed adjustment volume (16) in the direction A increases the air speed, and turning it in the direction B decreases the air speed.

## ATTACHING AND REMOVING THE NOZZLE (Fig. 3, 4)

1. Loosen the two screws (2) with a screwdriver (+).
2. Do not remove the screws completely so that the nuts on the opposite sides won't get lost.
3. Insert the nozzle (3) all the way into the nozzle opening.
3. Tighten the two screws firmly.
4. When removing the nozzle, loosen the two screws and pull out the nozzle.

### WARNING!

Do not connect the power supply before attaching the nozzle.

## ATTACHING AND REMOVING THE DUST BAG (Fig. 5, 6, 7, 8, 9)

### CAUTION!

Do not use the appliance in the vacuum mode without the dust bag (4) in place.

1. Attach the dust bag tube (5) to the dust exhaust opening (6) of the motor housing. (Fig. 5)  
At this time, attach the dust bag tube so that the projections (7) of the dust bag tube will enter the holes (8) of the motor housing. (Fig. 5, 6)
2. Attach the dust bag hook (9) to the hooked part (10) of the lower part of the nozzle. (Fig. 7)
3. When removing the dust bag, detach its hook from the nozzle, and pull the dust bag tube off the motor housing, while pressing the flaps (11) on both sides of the tube simultaneously. (Fig. 8, 9)

### NOTE!

When the flaps come away from the hole, reduce the pressure on the flaps.

## SHOULDER STRAP (Fig. 10, 11)

1. Attach the metal fixture (13) of the shoulder strap (12) to the hole of the upper part of the handle.
2. The length of the shoulder strap is adjustable, so adjust it to a convenient length.

## EXTENSION CORD (Fig. 12)

MAKE SURE THE EXTENSION CORD SET IS IN GOOD CONDITION.

1. Use an appropriate extension cord the connect to power. See "ELECTRICAL SAFETY WARNINGS" for recommended cords.
2. Secure the extension cord to the motor housing as shown in fig. 12.

## OPERATING

NEVER COVER AIR VENTS (14) SINCE THEY MUST ALWAYS BE OPEN FOR PROPER MOTOR COOLING. (Fig.13)

### WARNING!

Do not use on a wet surface or in the rain.

Set the mode change-over lever (15) to the blower mode or vacuum mode. When the lever is in the UP position, the appliance is in the vacuum mode, and when the lever is in the DOWN position, the appliance is in the blower mode. (Fig. 14)

### CAUTION! (Fig. 15)

Do not use the appliance when the lever is set in a half way position. When using the appliance in the vacuum mode, raise the mode change-over lever all the way up.

When using the appliance in the blower mode, lower the mode change-over lever all the way down.

## OPERATING AS A BLOWER (Fig. 16, 17, 18)

Set the mode change-over lever to the DOWN position (blower mode).

Hold the appliance as shown in Fig. 16, 17 and 18 and sweep from side to side with the nozzle a few inches above the ground or floor. Move the appliance slowly, while accumulating a pile of debris.

1. Use the appliance as a blower for trees, shrubs, flower beds and hard to clean areas. (Fig. 16)
2. Use the appliance as a blower around buildings and for other normal cleaning. (Fig. 17)
3. Use the appliance as a blower for walls, overhangs and screens. (Fig. 18)

## OPERATING AS A VACUUM (Fig. 19, 20)

Set the mode change-over lever to the UP position (vacuum mode).

Hold the appliance as shown in Fig. 19, tilting the nozzle slightly, and use a sweeping action to collect light debris.

The debris will flow into the dust bag. Things such as leaves and small twigs will be mulched as they pass through the fan housing, allowing the dust bag to hold a lot of debris (Fig. 20).

When the dust bag gets full, suction will noticeably decrease. Turn off and unplug the appliance before you unzip the dust bag.

Unzip the bag and empty the contents before continuing.

### WARNING!

When the impeller in the motor housing is clogged with twigs, nylon bags, etc, turn off and unplug the appliance, remove the nozzle and then remove the obstruction.

## MAINTENANCE

After use, check the appliance to make sure that it is in top condition.

It is recommended that you take this appliance to a RYOBI Authorized Service Center for a thorough cleaning and lubrication at least once a year. **DO NOT MAKE ANY ADJUSTMENTS WHILE THE MOTOR IS IN MOTION.**

## CLEANING THE APPLIANCE

1. Use a small brush to keep the air vents free of obstructions.
2. Do not use any strong detergents on the plastic housing or the handle. They can be damaged by certain household cleaners that contain aromatic oils such as pine and lemon, and by solvents such as kerosene. Moisture can also cause electric shocks. Wipe off any moisture with a soft cloth.

## CLEANING THE DUST BAG

1. Empty the dust bag after each use to avoid deterioration and obstruction of the air flow which will reduce the performance of the appliance.
2. Clean the dust bag as needed. With eye protection on, turn the dust bag inside out after initial emptying and vigorously shake out the dust and debris.

Wash the dust bag once a year or sooner if necessary as follows.

1. Unzip the dust bag and remove the dust bag tube from the inside of dust bag.
2. Turn the dust bag inside out.
3. Hang up.
4. Hose down thoroughly.
5. Hang to dry.
6. Reinstall the dust bag tube.

## WARNING!

To ensure safety and reliability, all repairs should be performed by an AUTHORIZED SERVICE CENTER or other QUALIFIED SERVICE ORGANIZATION.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.