

COBRA

MODELS: BV6040VZ (DYM500301)

COBRA CORDLESS BLOWER VAC OWNER'S MANUAL



Cobra Garden Machinery

Henton and Chattell Ltd., London Road, Nottingham NG2 3HW UK

www.cobragarden.co.uk

⚠ WARNING :

For your own safety please read this manual before attempting to operate your new unit. Failure to follow instructions can result in serious personal injury. Spend a few moments to familiarize yourself with your garden tool before each use. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well.

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1. SYMBOLS MARKED ON THE PRODUCT



Read operator's manual



Read the instruction manual before using the



Keep bystanders away.



Wear eye and ear protection.



Keep hands out of rotation fan.



Do not use this product in the rain or leave outdoors while it is raining.



The charger is intended for indoor use only.



CE Marking

The product meets demands and regulations set by the European Community.



WEEE Marking

CAUTION! Unusable power tools do not belong with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations.

Accumulator Disposal:

Old accumulators and batteries must not be added to household waste, but should be disposed of in accordance with the applicable legislation. Take unusable rechargeable batteries to the dealer's or community's battery collection point.

Disposing of the packaging: The packaging is made of cardboard and separately labeled foil which is also recyclable. Take these materials to a recycling centre.

Battery packs/batteries:



Li-Ion

Do not dispose of batteries into household waste. Keep away from water or fire. Battery packs/batteries must be collected, recycled or disposed of in an environmentally-friendly way.

Only for EC countries:

Defective or dead batteries must be recycled according to the directive 2006/66/EC



Noise level marking
Your tool noise is not more than 101dB.

2. GENERAL SAFETY RULES

General Power Tool 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.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery operated (cordless) power tool.

2.1 WORK AREA SAFETY

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids gases or dust. Power tools create sparks which may ignite the dust or fumes

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control. Set a safe working area.

2.2 PERSONAL SAFETY

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool

while you are tired or under the influence of drugs, alcohol or medication. A moment of distraction while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

2.3 POWER TOOL USE AND CARE

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

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that

may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

2.4 BATTERY TOOL USE AND CARE

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from

one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

2.5 SERVICE

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

Accumulator Disposal:

Old Accumulators and batteries must not be added to household waste, but should be disposed of in accordance with the applicable legislation.

Take unusable rechargeable batteries to the dealer's or community's battery collection point.

Disposing of the packaging:

The packaging is made of cardboard and separately labeled foil which is also recyclable.

Take these materials to a recycling centre.

Battery packs/batteries:



Li-Ion

Do not dispose of batteries into household waste, water or fire. Battery packs/batteries must be collected, recycled or disposed of in an environmentally -friendly way.

Only for EC countries:

Defective or dead batteries must be recycled according to the directive 2006/66/EC

2.6 ADDITIONAL WARNINGS

1. This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

2. When working with the machine, always hold it firmly with both hands and provide for a secure stance. The power tool is guided more secure with both hands.

3. Always ensure all handles and guards are fitted when using the machine. Never attempt to use an incomplete machine or one fitted with an unauthorized modification.

4. Wait until the machine has come to a standstill before placing it down.

5. Do not open the battery. Danger of short circuiting. Protect the battery against heat and fire. There is danger of explosion.

6. In the case of damage and improper use of the battery, vapours may be emitted. Provide for fresh air and seek medical help in case of complaints. The vapours can irritate the respiratory system.

7. When the battery is defective, liquid can escape and come into contact with adjacent components. Check any parts concerned. Clean such parts or replace them, if required.

8. Use the battery only in conjunction with your power tool. This measure alone protects the battery against dangerous overload.

2.7 SAFETY WARNINGS FOR BATTERY CHARGERS

1. Keep the battery charger away from rain or moisture. Penetration of water in the battery charger increases the risk of an electric shock.

2. Do not charge other batteries. The battery charger is suitable only for charging lithium ion batteries within the listed

voltage range. Otherwise there is danger of fire and explosion.

3. Keep the battery charger clean. Contamination can lead to danger of an electric shock.

4. Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery charger. Never open the battery charger yourself. Have repairs performed only by a qualified technician and only using original spare parts. Damaged battery chargers, cables and plugs increase the risk of an electric shock.

5. Do not operate the battery charger on easily inflammable surfaces (e. g., paper, textiles, etc.) or surroundings. The heating of the battery charger during the charging process can pose a fire hazard.

6. Children should be supervised to ensure that they do not play with the battery charger.

2.8 ADDITIONAL SAFETY INSTRUCTIONS FOR BLOWER VACS

The intended use is described in this manual. The use of any accessory or attachment or performance of any operation with this appliance other than those recommended in this

instruction manual can present a risk of personal injury and/or damage to property.

- To protect your feet and legs while operating the appliance, always wear heavy duty footwear and long trousers.

- Always switch off your product, allow the fan to stop and remove the battery from the battery holder:

- You leave your product unattended.

- Checking, adjusting, cleaning or working on your product.

- If the appliance starts to vibrate abnormally.

- Do not place the inlet or outlet of the Vacuum-Blower near eyes or ears when operating. Never blow debris in the direction of bystanders.

- Do not use in the rain or leave outdoors while it is raining.

- Do not cross gravel paths or roads whilst your product is switched on during blow mode. Walk, never run.

- Do not place your unit down on gravel while it is switched on.

- Always be sure of your footing, particularly on slopes. Do not overreach and keep your balance at all times.

- Do not place any objects into the openings. Never use if the openings are blocked-keep free of hair, lint, dust and anything

that may reduce the airflow.

Warning! Always use your product in the manner outlined in this manual. Your product is designed to be used in an upright mode and if it is used in any other way it may result in injury,

Never run your product whilst lying on it's side or upside down.

- The operator or user is responsible for accidents or hazards occurring to other people or their property.
- Do not use solvents or cleaning fluids to clean your product. Use a blunt scraper to remove debris and dirt.
- Keep all nuts bolts and screws tight to make sure that the appliance is in a safe working condition.

3.PARTS DESCRIPTION

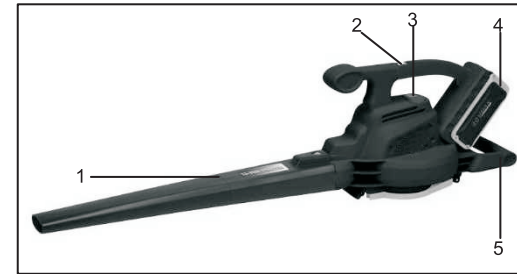


Fig. 1A



Fig. 1B

- | | | | |
|--------------|-------------------|------------------|-------------------|
| 1. Blow tube | 2. Power selector | 3. On/Off switch | 4. Battery |
| 5. Handle | 6. Vac tube | 7. Fan cover | 8. Collection bag |

4. TECHNICAL DATA

Model:	BV6040VZ (DYM500301)
Voltage	40Vd.c.
No Load Speed	13000RPM
Air Volume	6.00 m ³ /min (Blower) 9.63 m ³ /min (Vacuum)
Weight (Blower)	3.125kg
Weight (Vacuum)	4.298kg
Battery	Lithium-ion
Sound pressure level at the operator's position:	89.3 dB(A) K=3dB(A)
Measured sound power level:	98.2 dB(A) K=2.56dB(A)
Guaranteed Sound power level:	101 dB(A)
Vibration:	4.38m/s ² K=1.5 m/s ²

Lithium-ion Battery						
Model Number	DYMA104	DYMA72E	DYMA81	DYMA151	DYMA154	DYMA155
Rated Voltage	40Vd.c.	40Vd.c.	40Vd.c.	40Vd.c.	40Vd.c.	40Vd.c.
Capacity	5.0AH/180Wh	4.0AH/144Wh	2.5AH/90Wh	2.5AH/90Wh	4.0AH/144Wh	5.0AH/180Wh
Number of Battery	20pcs	20pcs	10pcs	10pcs	20pcs	20pcs

Battery Charger	
Model Number	DYMA83
Input	220-240V~, 50Hz, 1A
Output	40Vd.c., 2A
Allowable Charging Temperature Range	0-50°C

5. ASSEMBLY

⚠ Warning! Before assembly, make sure that the appliance is switched off and the battery is removed.

⚠ Warning! Always wear protective gloves when working with your cordless Vacuum-Blower.

5.1 Vac tube assembly

The vac tube must be assembled before use.

- Align the latches on the side of the vac tubes. (Fig.2A/ Fig.2B/ Fig.2C)
- Push the vac tube firmly into each other until the latches click into place. (Fig.2D/ Fig.2E)

Note! The tubes should not be separated once assembled.

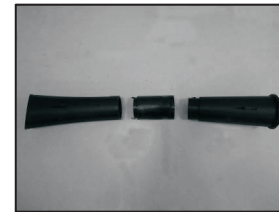


Fig. 2A

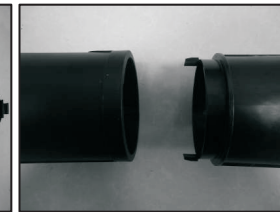


Fig. 2B

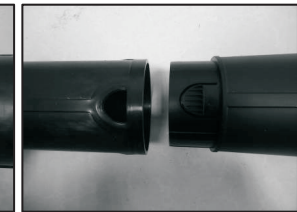


Fig. 2C



Fig. 2D



Fig. 2E

5.2 Fitting and removing the battery

• To fit the battery, line it up with the battery holder on the tool. Slide the battery into the battery holder and push until the battery snaps into place. (Fig.3A/Fig.3B)

• To remove the battery, push the release button while at the same time pulling the battery out of the battery holder. (Fig.3C/Fig.3D)

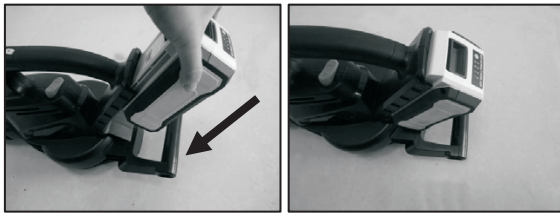


Fig. 3A

Fig. 3B

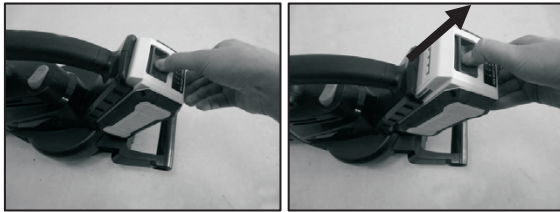


Fig. 3C

Fig. 3D

6. OPERATION

⚠ WARNING: Let the tool work at its own pace. Do not overload. Keep the air intake clear.

Switching on and off

⚠ WARNING: Use both hands to grip the product firmly when switching on.

- To switch the appliance on, press the on/off switch to position "I". (Fig.4A)
- To switch the appliance off, press the on/off switch to position "O". (Fig.4B)



Fig. 4A

Fig. 4B

Power select

The power select feature is located on the tool handle. It allows you to optimize the tools performance and boost the power from lever one to lever six as needed.

Turn the power selector backward from "6" to "1" to decrease the blower vac power (Fig.5A)

Turn the power selector forward from "1" to "6" to increase the blower vac power (Fig.5B)

(Most vacuuming tasks require max power)

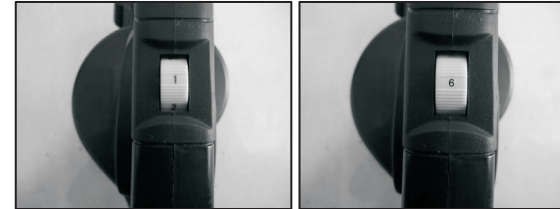


Fig.5A

Fig.5B

Using your product

⚠ WARNING: When using as a blower or vacuum, always wear safety glasses. If using in dusty conditions, wear a filter mask as well.

⚠ WARNING: Switch off your product, allow the fan to stop and remove the battery before carrying out any adjustment, servicing or maintenance.

Blow mode

- Align the blow tube with the Vacuum-Blower body (Fig.6A).
- Push the tube into the Vacuum-Blower body until the lock engage tightly with the blow tube. (Fig.6B/Fig.6C)
- Push the fan cover into the Vacuum-Blower body, close the release button until it engages tightly with the Vacuum-Blower body. (Fig.6D/Fig.6E/Fig.6F).
- Hold the blow tube approximately 180 mm above the ground, switch on the appliance and using a sweeping motion from side to side, and advance slowly keeping the accumulated debris/leaves in front of you (Fig.6G).
- Once you have blown the debris/leaves into a pile, you can convert to vacuum mode to collect the debris.

⚠ WARNING: Never operate in Blow mode without the blow tube and fan cover firmly in place.



Fig.6A

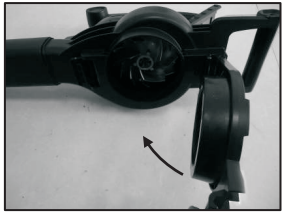


Fig.6B

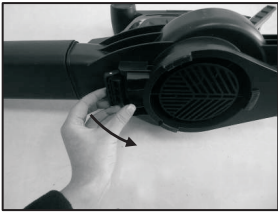


Fig.6C



Fig.6D



Fig.6E



Fig.6F



Fig.6G

Vacuum mode

Note: For vacuuming, the collection bag must be fitted.

- Press down the lock button and remove the blow tube (Fig.7A/Fig.7B).
- Remove the fan cover by pressing the release button (Fig.7C/Fig.7D).
- Align the tabs of the vac tube with the Vacuum-Blower body, close the release button until it engages tightly with the Vacuum-Blower body. (Fig.7E/ Fig.7F/ Fig.7G/ Fig.7H).
- Align the collection bag tube with the Vacuum-Blower body, push the tube onto the Vacuum-Blower body until the lock engages tightly with the collection bag tube (Fig.7I/Fig.7J/Fig.7K). Attach the collection bag clip to the collection bag hook on the bottom of the Vacuum-Blower body (Fig. 7L/Fig.7M/Fig.7N)
- Position the vac tube slightly above the debris/leaves. Switch on the appliance and use a sweeping motion, the debris/leaves will be sucked up the tube, shredded and thrown into the collection bag (Fig.7O).
- As the bag fills, the power of the suction will decrease, switch off the appliance and unplug battery.
- Unzip the bag to empty the contents before continuing to operate. (Fig.7P/Fig.7Q)
- After operating, remove the blower tube, the collection bag tube or Vac tube
- To disconnect the blower tube or the collection bag tube, press the lock button and pull the tube off. Remove the Vac tube by pressing the release button. Making sure that the tube does not fall to the ground.

⚠ WARNING: Never remove the collection bag without first turning off and removing the battery from the appliance.

⚠ NOTE: If the suction decreases and the bag is not full or the unit comes to a stop during use, the vacuum tube is probably clogged with debris. Turn off and remove the battery from the vacuum and clear the tube before continuing. Check the tubes for blockages and clear as required. Remove the fan cover and check the fan for blockages, clear as required (do not use any metal implements to clear any blockage).



Fig.7A

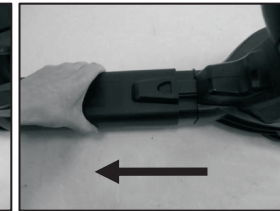


Fig.7B



Fig.7C

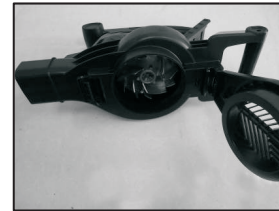


Fig.7D



Fig.7E



Fig.7F

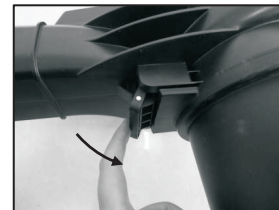


Fig.7G



Fig.7H



Fig.7I

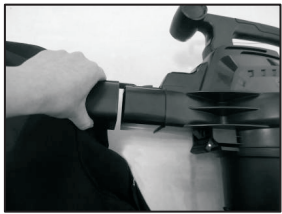


Fig.7J



Fig.7K



Fig.7L



Fig.7M



Fig.7N



Fig.7O



Fig.7P



Fig.7Q

7.MAINTENANCE

Your appliance has been designed to operate over a long period of time with a minimum of maintenance.

Continuous satisfactory operation depends upon proper appliance care and regular cleaning.

- Switch off and remove the battery from the appliance/tool
- Unplug the charger before cleaning it. Your charger does not require any maintenance apart from regular cleaning.
- Regularly clean the ventilation slots in your appliance/tool and charger using a soft brush or dry cloth.
- Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.
- Keep the appliance clean and dry.

8. TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
Unit will not blow or mulch	Bag full	Empty the bag
	Blocked tube	Clear the blockage.
	Blocked impeller	Clear the blockage.
	Battery is not charged	Charge the battery pack according to the instruction including with your model.
Unit will not start	Battery is not secure	To secure the battery pack, make sure the latches on the top of the battery pack snap into place.
	Battery is not charged	Charge the battery pack according to the instruction including with your model.
	Power/speed switch is in the OFF position	Press the on/off switch
	Defective power switch	Call your service center
	Intake cover is not closed	Ensure that the cover is fully closed

9. WARRANTY

This product is warranted in accordance with legal regulations for a 24 month period effective from the date of purchase by the first user.

This product will not be covered if used in a commercial application.

This warranty covers all material or production failures, it does not include: defects from normal wear and tear, parts such as, bearings, brushes, cables, air cleaning elements, brake pad, clutch disc, tyre, wheel, recoil starter rope, belts, cutter blades, plugs, lubricant oils and grease or accessories. Damage or defects resulting from abuse, accidents or alterations, natural fading of painted or plated surfaces, sheet peeling and other natural deterioration.

Any damage that occurs from the use of non-genuine Cobra parts will not be covered.

We reserve the right to reject any claim where the purchase cannot be verified or when it is clear that the product was not maintained properly. (Clean ventilation slots, carbon brushes and serviced regularly)

Expenses incidental to the warranty claim that are not covered;

-Compensation for loss of time, commercial loss or rental costs of substitute product.

-Costs incurred for transportation to and from the dealership.

Any damage that occurs from the following will not be covered; exposure of the product to smoke and soot, chemical agents, bird droppings or other animal waste, seawater, sea breeze, salt or other environmental phenomena.

Any damage resulting from operating methods other than those indicated in the owner's manual will not be covered.

Your purchase receipt must be kept as proof for date of purchase. Your un-dismantled product must be returned to your dealer in an acceptably clean state, accompanied by your proof of purchase.

Please Register Your Product:

If your dealer did not collect registration information from you, please take a few minutes and register your purchase with Cobra.

You can register by going online to: www.cobragarden.co.uk and clicking on Product Registration.

10. ENVIRONMENTALLY FRIENDLY DISPOSAL



According to EU directive 2012/19/EU on electric and electronic equipment and its implementation into national law, all electric tools must be separately collected and environmentally friendly recycled. Alternative disposal: If the owner of the power tool does not return the tool to the manufacturer, he is responsible for proper disposal at a designated collection point that prepares the device for recycling according to national recycling laws and regulations.

This does not include accessories and tools without electric or electronic components.

11. EC-DECLARATION OF CONFORMITY

EC Declaration of Conformity	
We herewith declare,	Cobra Garden Machinery, Henton & Chattell Ltd, London Road, Nottingham NG2 3HW UK
That the following machine complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us.	
In case of alteration of the machine, not agreed upon by us, this declaration will lose its validity	
Machine Description:	Cordless Blower Vac
Machine Type:	BV6040VZ (DYM500301)
Rated voltage/power	40Vd.c.
Measured sound power level:	98.2 dB(A)
Guaranteed sound power level:	101dB(A) Notified Body for EC Directive 2000/14/EC:0036 TüV SÜD Industrie Service GmbH Westendstrasse 199 . 80686 München . Deutschland
Applicable EC Directives	EC Machinery Directive:2006/42/EC EC Directive of Electromagnetic Compatibility: 2014/30/EU EC Directive of noise emission: 2000/14/EC RoHs Directive 2011/65/EU
Applicable Harmonized Standards	EN 60335-1 EN 50636-2-100 EN 62233 EN ISO 12100 EN 55014-1 EN 55014-2
Authorized Signature/Date	 Peter J. Chaloner 05/06/2020
Title of Signatory	Managing Director
Name and address of the person authorized to compile the technical file	Cobra Garden Machinery, Henton & Chattell Ltd, London Road, Nottingham NG2 3HW UK