



A Portable (Indoor) Vacuum Cleaner Special for Powder

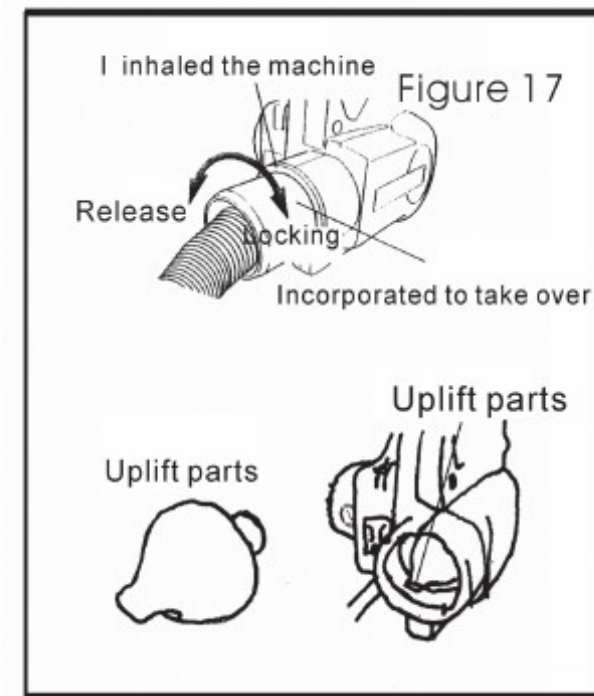
690V Product User Manual

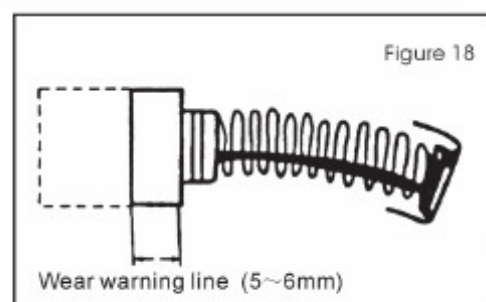
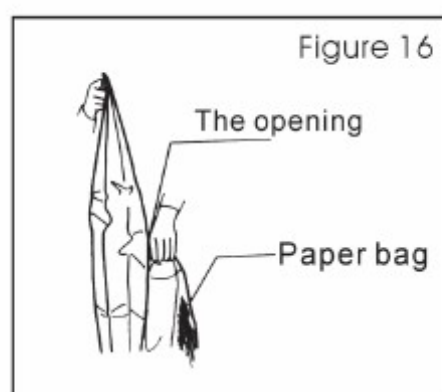
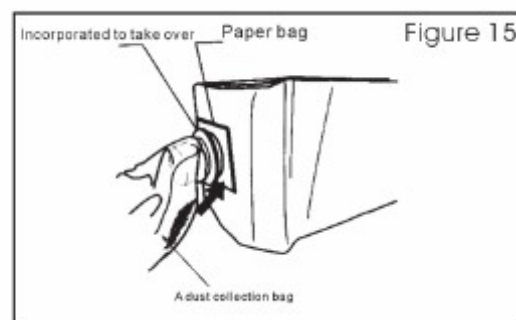
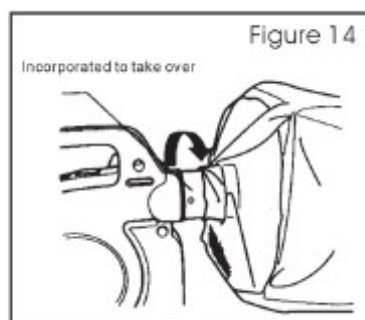
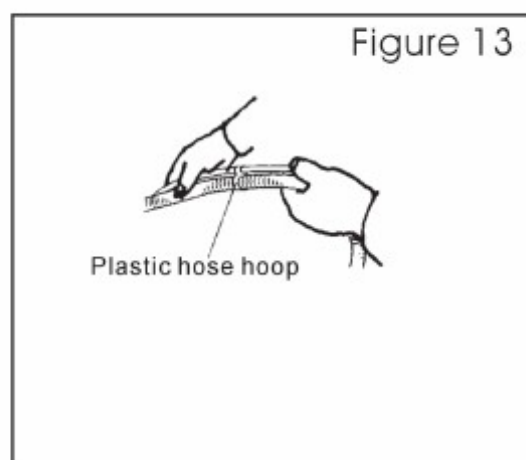
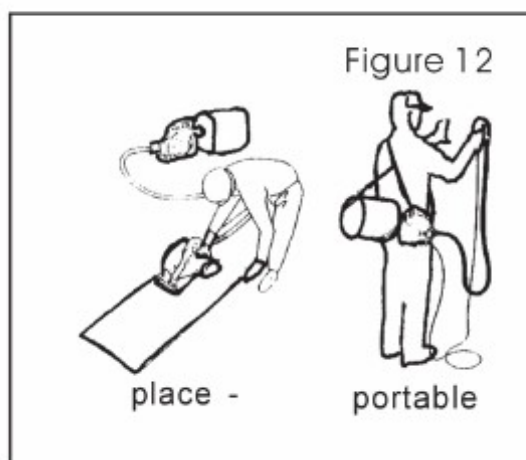
Please carefully read this manual before using.

Warning

***Note:** When using the electrical tools to reduce emergencies such as fire electrical tools, you must confirm if the voltage of the power is in accordance with the rated voltage. If using wrongly when the power voltage is bigger than the rated voltage of the tool, not only the machine will be damaged, but also the operator will be injured. If the voltage of the socket can not be confirmed, you must not make trial using. Besides, if the power voltage is lower than the rated voltage of the tool, it will also be bad for the machine.

- 2、 You must understand your electrical tool. Carefully read the manual of the tool to understand the usages, limits and the special potential risks of the tool.
- 3、 All the adjustment tools and wrenches must be moved away. You need to form the habit that every time when using the electrical tools , before stating up , you must check for once whether all the adjustment tools etc. have been moved away.
- 4、 The working place must be tidy. It is most easily to cause emergency when using the electrical tools in the untidy places.
- 5、 Please do not work in the unsafe environment. Please do not use electrical tools in the dark and humid places. Also it is forbidden to leave the tools outdoors in the rain. And the working places must need lights.
- 6、 Please do not allow the children to approach the tools. The children and the people at leisure who watch the work must keep the adequate distance.
- 7、 Please do not use the tools inadequately. To acquire good effect and safety, please work within the designed capacity of the tools.
- 8、 Please do not operate the electrical tools under the explosive environment such as existing combustible liquid, gas or powder. The spark of the electrical tools will ignite the powder or gas.
- 9、 When using the electrical tools outdoors, you must use the external electrical wires suitable for outdoors applications. And the electrical wires suitable for outdoors applications will reduce the risks of electrical shock.
- 10、 Keep alerted. When operating the electrical tools, you should pay attention to your operation and keep a clear head. Do not operate the electrical tool when tired or under the reaction of medicines, alcohols or treatment. If you do not concentrate your mind when operating the electrical tools, you may suffer from serious body injury.
- 11、 Use the safety equipments. Always wear the eye-protection glasses. The safety equipment such us the anti-dust mask, anti-slipping safety boot, safety helmet





and hearing protection etc under adequate condition can reduce body hurt.

- 12、Avoid sudden starting up. Before connecting the power, first confirm if the main switch of the electrical tools is at the position of disconnection; Connect the power when the main switch of the electrical tools is at the position of connection might cause accidents.
- 13、Adequate cloths. Do not wear too slack cloths to work , and do not wear ornaments such as ties and rings etc. These are easily to be tied into the rotating tools to cause accidents. You should also pay attention to anti-slipping, so that you should wear the boots with anti-slipping soles. The hair should also be not too long.
- 14、You must cut off the power during maintenance. Before making adjustment, changing parts or storing the electrical tools, you must pull out the plug away from the power or make the battery away from the power. This protection measure will reduce the risks when suddenly starting the electrical tools.
- 15、Use the accessories according to regulation. You must carefully read the manual, use the correct accessories according to regulation, because wrongly using the accessories might cause body injuries.

Technical Properties\Technical Parameters

Matching Relationship between the Cross-sectional Area & Length of the Applied External Cable and the Rated Current

Metrical cross-section area of the cable conductor	The rated current and the limited length of the external cable		
	~5A	5~10A	10~15A
0.75 mm ²	20m	—	—
1.25 mm ²	30m	15m	10m
2.00 mm ²	50m	30m	20m

The specification of machine body and the parameters of the main electric devices.

Type	Rated Voltage	Rated Current	Frequency	Rated Power	Input
690V	230V/110V	2.1A	50HZ/60HZ	650W	
Weight of machine body					
2.3 kg					

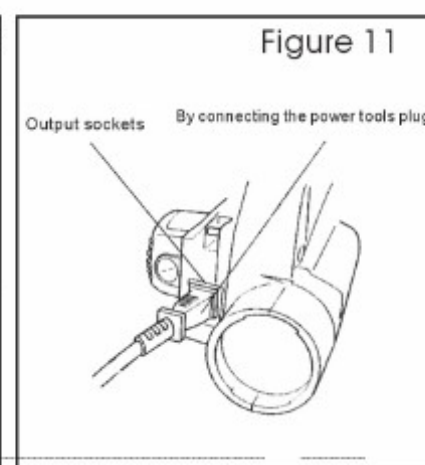
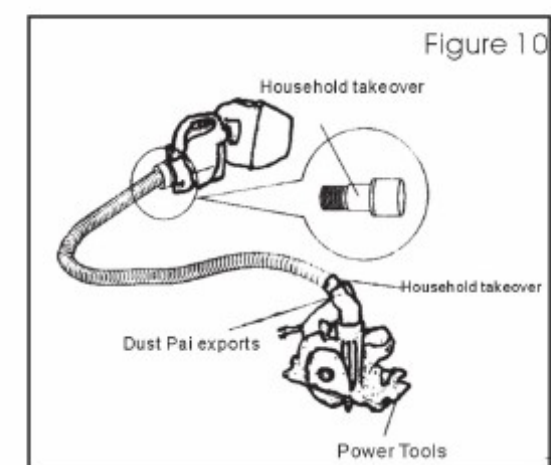
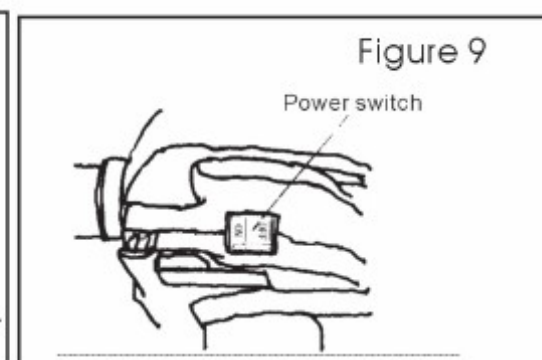
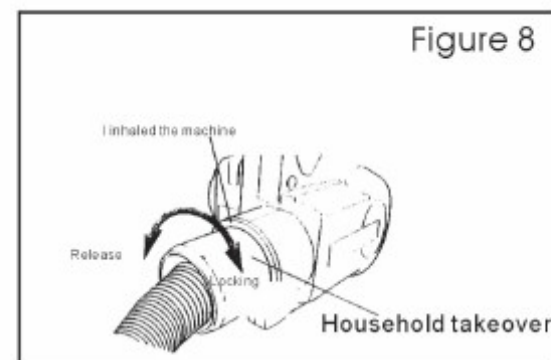
Using Method

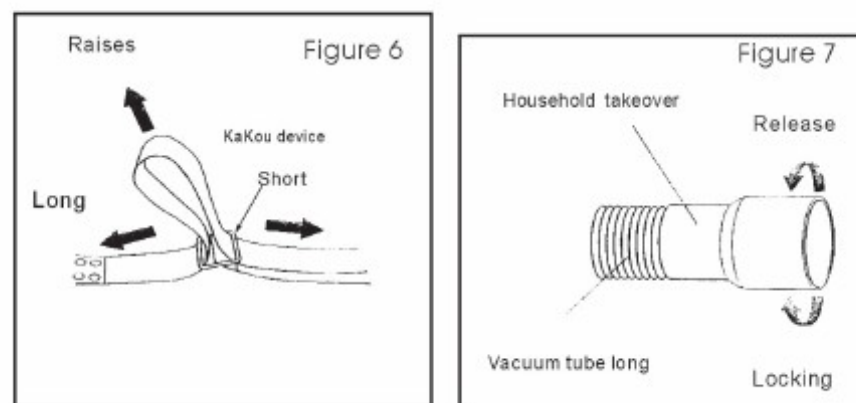
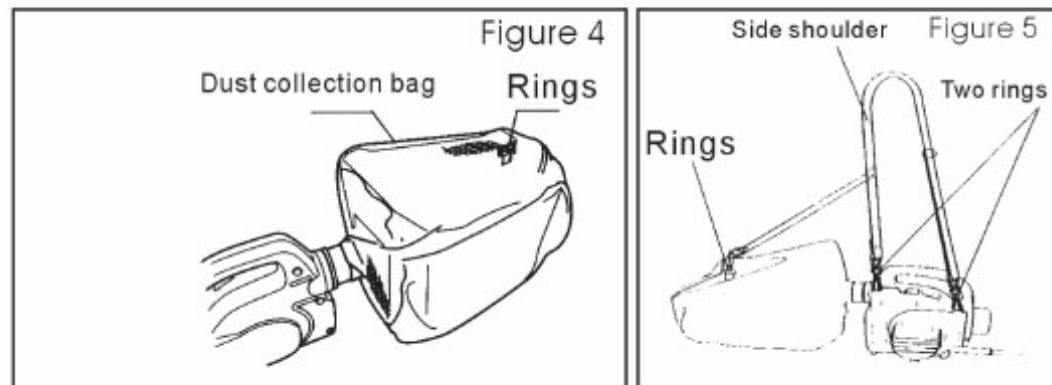
- I. Note. You should **note the following points** besides abiding by the related electrical tools general safety regulations.

Machine body should keep away from fire when using, do not inhale spark of the light oil (cigarette end) and the tobacco (cigarette dust) into the dust-collect wind channel to avoid body injury.

1. Combustion risk might happen when inhaling the cutting (grinding) Sparks caused during the cutting (grinding) work together with the metal powder into the dust-collection part.
2. The sharp matters such as wood flake, metal, small stone and the needle when inhaling into the vacuum cleaner might cause damage to the machine.
3. The machine when under operation condition, it is strictly forbidden to use the hand to touch directly the inhaling opening and the outlet opening of machine body to avoid emergency.
4. Inhaling the highly wet substances such as water, steam etc. might also cause damage to the machine.
5. Once the breakage of the dust collection bag is found, it should stop using immediately. Because the broken dust collection back make the inhaled dust not able to be held, making large quantity of dust blowing up, and it might cause emergency hurt of the operators.

II. Operation and Application





Assembly of each part

- ✧ **The assembly of the dust collection cloth bag, the holding pipe and the paper bag. (For detailed effect please refer to picture 1~2).**

Take out the dust collection cloth bag. (The cloth bag is made up by the zipper, rings, collection pipe and cloth etc.)

machine body work together with the electrical tool, and at this time, the operator can take the machine body to operate together with the connected electrical tool. If you want to stop operation, you should firstly close the main switch of the connected electrical tool, then press **OFF** of the main power switch of the machine body (Vacuum Cleaner).

- ✧ **Operation Method(The detailed effect please see picture 12)**

Operation Method A: **Portable**. When operating at the wall, the shoulder strap is hung on the shoulder of the operator's shoulder, and then you can operate the machine body and the connected electrical tool.

Operation Method B: **Lying**. Laying the machine body at the flat place, then after starting the machine body (vacuum cleaner), the connected electrical tool can operate at the operation platform.

Fixing Method of the Connected Electrical Tool's Cable (Detailed effect please see picture 13)

The plastic hose clamps can be used to fix the cable at the dust inhaling long pipe. The method is that use two plastic **hose clamps** with the distance of 70-80 cm fixing the cable at the dust inhaling long pipe. And this will avoid disorder of the cable when during operation of the connected electric tools.

- ✧ **ethod of Taking Out the Powder**

Warning: When taking out the powder, before opening the powder collection cloth bag, you must keep the main power switch of the machine body (Vacuum Cleaner) at the position of **OFF**, and you should pull out the **power plug** of the machine body.

Firstly pull open the zipper of the **dust collection bag**, then grasp the **collection pipe and the paper bag**, use one hand to hold the **End B** of the **collection pipe**, and use the other hand to grasp the paper bag,

then pull while rotating clockwise, and you can pull out the **paper bag** away from the **End A** of the **collection pipe**.

Empty the dusts or replace with new paper bag. (Detailed effect please refer to **picture 16**)

After pulling out the paper bag, you can just grasp the paper bag and empty the dust at the opening. The method of replacing the new paper bag is the same as the assembly of **dust collection clothe** main **collection pipe and the paper bag**, and we do not need to repeat about it again.

Maintenance and Protection

- ✧ **Warning:** This machine should be used only as **Special Vacuum Cleaner for Powder**, and other substances except for the Powder (such as small stone, wood and other sharp substances)

Before maintenance and protection of the machine body, the main switch of the machine body must be at the position **OFF**, the main **power plug** should be pulled out to ensure the body safety of The maintenance operator.

- ✧ **Cleaning of the Inhaling Opening of the Machine Body (Detailed effect please see picture 17)**

Firstly hold the inhaling opening of the machine body, then use another hand to rotate anticlockwise the **dust inhaling pipe** to the releasing status, and then remove it.

Then pull out the **bulged part** at the internal wall of the machine body's inhaling opening.

Use the hair brush to clean the **attached substances** on the **bulged part** and at the internal wall of the inhaling opening, and then you only need to install again the bulged part and the dust inhaling **pipe**

- ✧ **Frequently check the installed bolt.**
- ✧ **Periodically check or replace the electrical brush** (For detailed please see **picture 18**)

When the carbon brush is torn to the torn alert line (5~6mm), and the two carbon brushes must be replaced together with the carbon brushes manufactured in the

original factory.

- ✧ **Keep the Machine Clean**
- ✧ **The machine body should be placed at the fixed position, and should avoid deformation and breakage caused by pressing and knocking.**

Standard Accessories

- ①Dust Collection Bag (1Pc) ②Paper Bag (3 Pcs) ③Shoulder Straps (1Pc)
- ④Connection Pipe Buckle Ring (2 PCs) ⑤Connection Pipe Insert Ring (2 Pcs) ⑥Electrical Brush (1Set)
- ⑦Dust Inhaling Long Pipe (1.5m\1Pc) ⑧Dust Inhaling Connection Pipe (1 Pc) ⑨Plastics Hose Clamps (2 Pcs)

Please keep this user manual.

