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WINDBAG

Operating Instruction Manual

Caution List



Thank you for the purchase of the WINDBAG

This operating instruction manual contains operating instructions and cautions for 【WINDBAG】 .

In order to use the WINDBAG 『safely』 and 『efficiently』 ,please read these instructions and cautions 【particularly those marked ⚠️】 thoroughly.

Keep this manual carefully where it can be referred to when necessary.

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1. How to read this operating instruction manual/ cautions list

 **Warning** : Incorrect operation may cause serious personal injury or death or a fire.

 **Caution** : Incorrect operation may cause serious personal injury or damage to the unit.

2. Warning and caution symbols



Prohibited
(applicable to all items)



Perform as instructed.



Incorrect operation may
cause serious injury.



Disassembly prohibited



Electrical ground required



Electrical shock hazard

Always follow warnings and instructions.

3. To use the WINDBAG safely

 **WARNING** Never operate the product in the explosive environment.

Do not operate in an explosive environment (a place where an explosive gas exists/generates or may exist/generate). Explosive gases present at the installation site can trigger an explosion and create a dangerous situation in the event a spark is generated by motor burnout (heat seizure), by friction caused by foreign items entered into the product, or by plugging/unplugging of the power cord.



 **WARNING** Do not expose to water.

The WINDBAG is not water-/drip-proof. Do not splash water on the product or expose to rain. Water can damage the motor and cause rusting



 **WARNING** Do not disassemble.

Do not use after removing any parts. Disassembly by an unauthorized or untrained person will lead not only to possibly decreased performance, but also an accident or injury.



 **WARNING**

- Do not operate near flammable air nor an area with high temperatures (over 40°C).
- Do not blow directly at people. There is a danger of foreign items striking and causing blindness. Do not take in dusts.
- Do not insert fingers or stick-like items into the suction or exhaust ports. Fingers or hands may be lost. Take extra caution when children are nearby.



 **WARNING**

- Do not forcibly bend or twist the power cord.
- Do not move the main unit by pulling the power cord.
- Do not disconnect the power cord from the power outlet by pulling a section of the cord other than the plug.
- Do not place any heavy item on the power cord.
- Do not heat the power cord.
- Do not allow for the cord to be wet by acids or alkali, oil, or water.
- Do not place the cord near sharp corners.



 **CAUTION**

Only use to suck in air.

Acidic/alkaline gases, dust can significantly shorten the product's lifetime.

Suction of misty air will lead to insulation failure and other consequential malfunctions.



 **CAUTION**

To prevent electric shock, make sure to use the ground wire.

When removing the electrical plug, do not touch any conductive parts.



 **CAUTION**

If the motor operation suddenly stops, proceed according to the following instructions.

- ① Turn off the power source.
- ② Confirm wire connections and remove any garbage and dust from the intake side. (Do not disassemble).
- ③ Confirm that the motor temperature has decreased.
- ④ Reconnect power. Automatic recovery and operation will commence anew.

Overloading while operating this machine (for example, locking the impeller), fluctuating temperatures, or changes in atmospheric pressure can lead to fluctuations in the motor temperature. Continuing operations under these conditions will reduce the life of the motor internal parts. Depending on the situation, the motor may burnout, and cause a fire.

Built-in protection will protect the motor from such occurrences. The built-in protection has a temperature sensor which, should the motor become too hot, will stop motor operation and automatically resume operation once the temperature has gone down.



 **CAUTION**

If any of the following occurs, immediately unplug and cease operation.

There is a risk of fire or smoke.

- Even after the switch is on, the impeller does not turn.
- The impeller rotation slows or becomes abnormal.
- There is a burning smell.
- The motor hums, rumbles, or emits other abnormal sounds.



 **CAUTION**

- Please stay aware of your surroundings and avoid any dangers.
Keep children away.
- Place and use the product on a stable and horizontal surface.
- Do not use in areas with dusts or chips.



 **CAUTION**

- Be sure to connect to a power supply with an appropriate capacity.
- Cord extension is not recommended. Please use within the standard cord range.
- Please confirm the power switch is already turned off before connect/disconnect the power plug.
- Do not repeatedly turn the power switch ON and OFF within a period of one minute. Doing so can shorten the life of the motor and switch.
- Do not block the wind flow. Blockage will cause the motor cooling fan to break and shorten motor life.



 **CAUTION**

Do not apply sudden temperature changes to this machine. Condensation can cause rust, deteriorate the motor insulation performance, and affect product life. Be extra careful in winter and cold areas.

Condensation: The phenomenon that occurs when warm air touches the surface of a cold object (e.g.: eyeglasses, window glass) and changes the state of water vapor to liquid water.



 **CAUTION**

When changing the exhaust direction, the body part and the base part are moveable. Do not touch the moving parts, as this may cause injury.



4. Inspection when unpacking

The units are shipped after careful inspection; however, be sure to check the following points regarding your purchased WINDBAG.

- Is the product the one you ordered?
- Did any abnormalities such as breakage or deformation occur during transportation?
- Are any accessories omitted?

Standard accessories: instruction manual and safety notices.

5. Specification

Specifications

Model	Power supply	Output (kW)	Frequency (Hz)	Current (A)	Max.Air volume (m ³ /min)	Weight (kg)	Cable cord length (m)
WB-02W-CE	220~240V Single phase	0.2	50	0.9	8.5	10.0	7

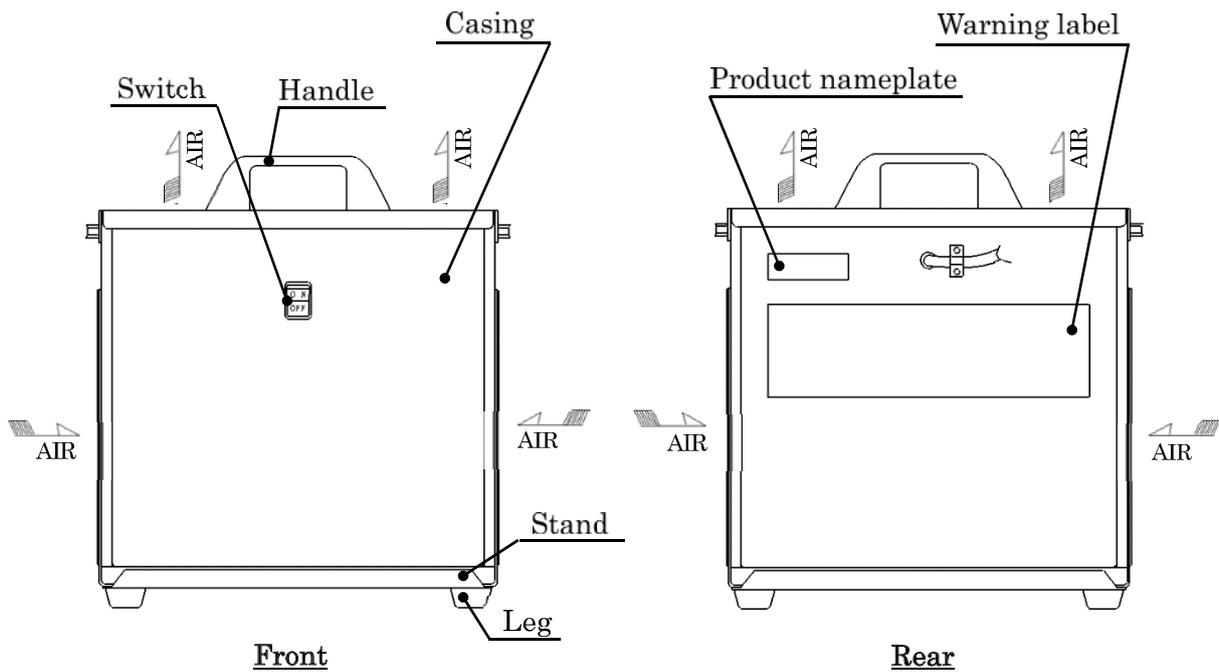
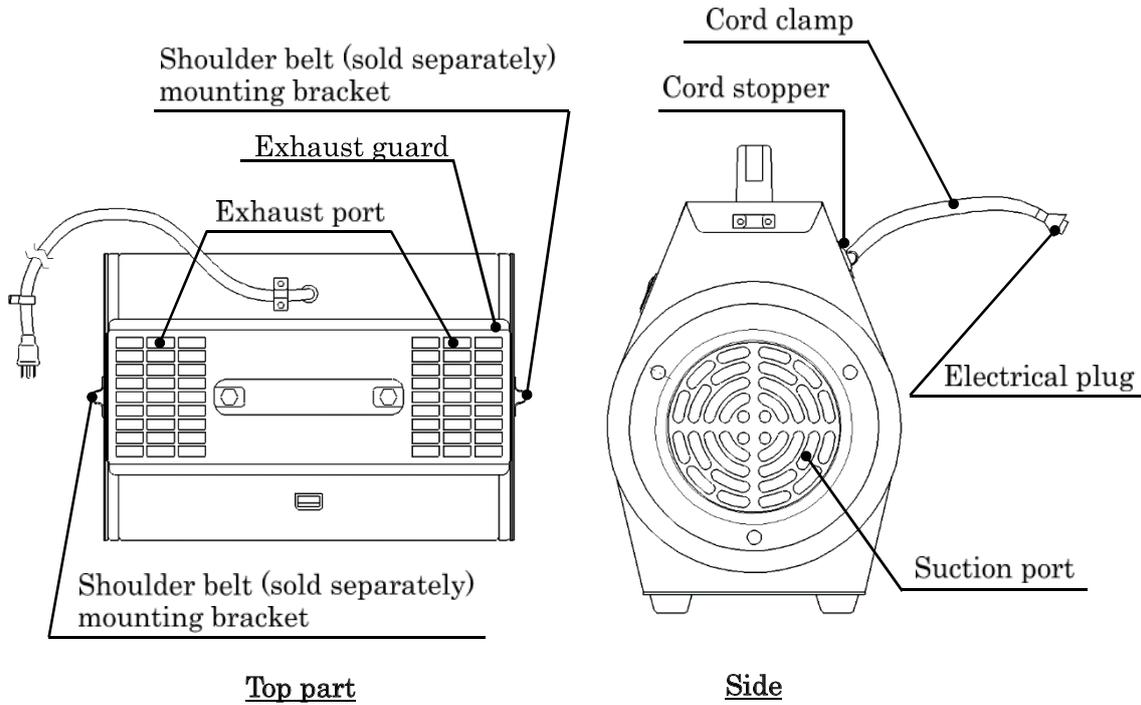
Allowable air intake temperature/humidity

Allowable intake air and ambient temperature	-10°C to 40°C
Allowable humidity	Less than 80% relative humidity (without dew condensation/water droplets)

6. Name of each parts



Shoulder belt (sold separately)



7. Indication label details and attachment position

(1) Model plate

Displays the product classification, rated voltage, rated frequency, rated current, insulation class, maximum static pressure, maximum blow volume, product model, etc.

Note 1: “Rated” means operating limits.

(2) Warning/Caution label

For safe machine use, the label indicates the most important content and the wind discharge direction.

The contents above are displayed. Please use according to the specifications. For the display position, refer to “Parts names” (page 6).

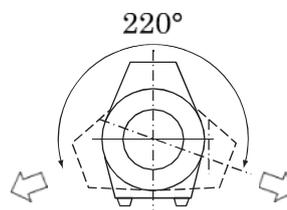
8. Characteristics

· Powerful wind

Suitable for local cooling and drying because of higher discharge wind speed than electric fans.

· Adjustable discharge angle

Angle changeable up to 220° vertically.



· Safety

Equipped with a motor protection system to prevent motor burnout.

· Robust

The body is made of steel; stronger than plastic.

· Compact and lightweight

The combination of 2-pole motor and double sirocco impeller makes for lightweight and easy carrying.

9. Application

- Drying a floor after cleaning with a water or wax.
- Indoor concrete curing.
- As a ventilation fan for bad smells.
- As a circulation fan.
- Various cooling and drying purposes.

10. How to use

- ① Place the machine suitably for your use.
- ②When using the shoulder belt (sold separately), be sure to remove it before using.
- ③Please unwind the cable cord completely.
- ④Use the handle when changing the discharge direction.
- ⑤Check that the switch is off before plugging into an electrical outlet.
- ⑥Turn the switch on.
- ⑦Start the operation according to the application.
- ⑧Turn off the switch after your work finished.
- ⑨Remove the plug from electrical outlet.
- ⑩Hold the handle and face the discharge port toward the ceiling.
- ⑪Roll the cable cord toward the discharge port.
- ⑫Insert the cord into the cord clamp to prevent the cord from coming off.
- ⑬Please use the handle or shoulder belt (sold separately) when carrying.
- ⑭Store in a place free from dust and moisture.

11. Maintenance and inspection

(1) Care

- Be sure to remove the electric power before performing maintenance.
- Wipe off the body with a soft cloth soaked in warm water or neutral detergent, wipe it dry with dry cloth. Do not clean with Benzine, paint thinner, Benzol, alcohol, kerosene, alkaline detergents, polishing powder, or other such cleaners. It will lead to paint discoloration, denaturing, or peeling.

(2) Inspection

Before using, check the cord and other parts for damage. Check for proper functioning.

(3) Storage

Follow the instructions below when storing or turning off the machine.

- Store indoor where there is little temperature change and little warmth.
- While the WINDBAG is stopped, make sure it is unaffected by vibration or heat from another machine.
- If the machine impeller has been stored and unused during a long period (more than 3 months), abnormal noise due to rust or other developments may occur. It is recommended to perform a test run every 3 months.
- We recommend covering with vinyl to protect the machine from water, oil, dust, etc.

12. Warranty

(1) Scope of warranty

When a malfunction occurs even if operating the unit according to the instruction manual and the cautions on the attachment labels, etc. within the warranty period, we will repair the failure for free.

However, if this unit is assembled into the customers other equipment, expenses for removal from the equipment and attachment to the equipment, accompanying work expenses, transportation costs, and other indirect damages cost such as opportunity loss or operational loss of customers are beyond the scope of warranty.

When requesting repair, contact our nearest branches and sales offices.

(2) Warranty period

The warranty period shall be one year from delivery.

(3) Even within the scope of warranty, the following cases shall require charge for repair in principle.

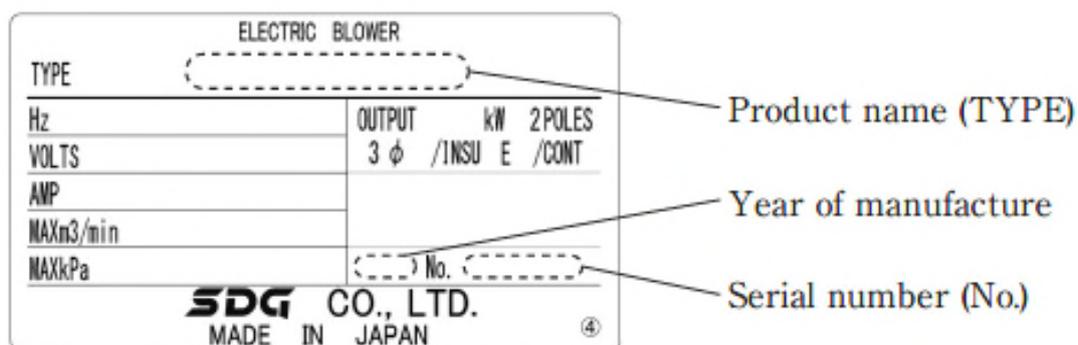
- ① Malfunctions and damages due to wrong use contrary to the cautions in the instruction manual, attached labels, etc. or improper repair and modification.
- ② Malfunctions and damages due to transportation, dropping, etc. after purchase.
- ③ Malfunctions and damages due to fires, earthquake, wind and flood damages, other disasters, abnormal voltages, use of unspecified power supply (voltage and frequency), etc.
- ④ Malfunctions and damages due to repair and modification (including drilling into the unit) by third parties.
- ⑤ Malfunctions and damages due to use of parts other than those specified by us.
- ⑥ Malfunctions and damages due to mixing in of foreign materials.
- ⑦ Discoloration and flaws from age deterioration or from long-term use and malfunctions due to natural consumption of consumable parts.

(4) Damages caused by malfunctions occurring during use of this unit shall not be indemnified.

13. Contact Information

For inquiries about this product, please contact your local sales office.

When asking about a problem or repair, please state the product name (TYPE) and serial number (No.) listed on the nameplate.



* For the latest information on our sales offices, please check our website.

List of sales offices



Memo

Memo

SDG CO., Ltd.

<https://www.sdg-eng.com>

