

INSTRUCTION MANUAL of V500EX

BEFORE OPERATION

○ Preparation of PAIL

Prepare a pail of 20 litre to be used as a tank.

The pail should be of thicker wall and lesser damaged, and also its rim must be free from damage.

○ Compressed Air of 4~6 kg/cm²

When a compressor is used, the capacity of 5Hp or more is recommended. If the operation pressure is higher, the pail may be collapsed due to high vacuum.

○ Air Hose

Used the hose of 3/8" dia. or larger.

The hose of smaller dia. causes the pressure down and lowers the suction capacity.

○ Quick-Connection Coupling

The coupling attached to this unit is for 3/8" hose.



OPERATION PROCEDURE

① Install this unit on the pail properly.

The groove of the rubber packing of this unit must be set to closely fit the rim of the pail.

If the rim of the pail is deformed to be oval or uneven, the rubber packing does not fit it surely and the suction capacity is lowered.

② Shut off the air valve of this unit, and then connect it with the air hose by the quick-connection coupling.

③ Open the air valve of this unit.

Then, this unit will start working. The air is exhausted from the ejector nozzle and the objects are sucked into the suction nozzle.

OTHERS

① Two types (round and square) of the suction nozzle are supplied as standard.

To remove the nozzle, hold the hose with your left hand and then turn the nozzle clockwise.

② In case of sucking the liquid, please use the oil-stopper.

The float ball works to stop suction when the pail is filled up.

③ For powder suction, please use the filter for powder which is available as option.

WARNING !

★ In case of suction of the explosive materials, be sure to earth this unit.

★ This unit is not suitable for suction of the solvent, chemicals or the like.

★ The temperature of the object to be sucked should be lower than 60 °C.

★ Air blow from the ejector nozzle is so strong that you must pay attention to the direction of the ejector nozzle when using.

★ Shut off the air valve before pulling suction nozzle from the surface of liquid to avoid already drawn liquid in the container emerging through the ejector nozzle.

OIL STOPPER & FILTER SET Installation Manual

For "BLOVAC" V500EX Air Cleaner

Explanation of function

a) OIL STOPPER(Float Ball)- Standard

The rubber float ball will rise upwards according to the volume of drawn liquid. It will automatically plug the hole on top of the attachment bracket when the container is filled with liquid and stop sucking.

b) FILTER SET(Filter Bag & Filter Band)- Option

When sucking in fine particles like the powder etc., this filter prevents them from being discharged together with the discharge air.

c) Attachment Bracket-Standard

This bracket is to be used together with above a) and b).

Installation

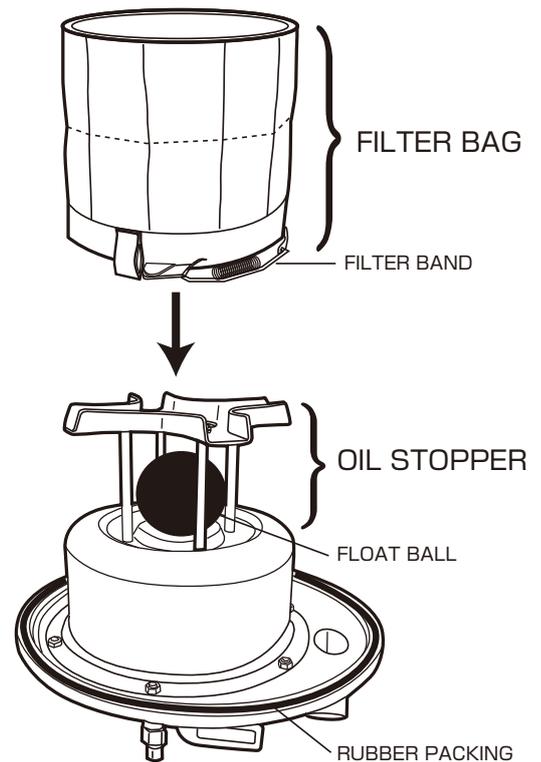
BV-500EX comes with attachment bracket (float ball already placed inside) firmly mounted into the main body.

a) For Liquid Suction

It is ready to use.

b) For Particle Suction

1. Remove the float ball from the attachment bracket.
(Keep it in a given place always)
2. Place the filter bag onto the attachment bracket as indicated and firmly secure it around the rim on top of the bracket with filter band.



MAINTENANCE

※ Clean the ejector nozzle regularly.

The ejector nozzle is of screw type. When setting it after cleaning, apply the grease to the O-ring for easy setting.

※ The quick-connection coupling has a filter inside.

Clean this filter regularly.

Manufacturer



BLOVAC CO., LTD.

1-20-107 1-Chome Azabudai, Minato-Ku, Tokyo 106-0041, Japan

TEL : +81-03-3586-6341 FAX : +81-03-3582-4463

030714N3000 Printed in Japan