

MENDA TECHNICAL BULLETIN TB-4013

Blow Vac Vacuum Operation and Maintenance



Figure 1: Menda® Blow Vac

Description

The MENDA Blow Vac is a compact, dual function unit which is totally made up of ESD Safe housing parts and accessories. It is designed for precise removal and collection of dry dust particles and debris from equipment that is sensitive to electrostatic discharge (ESD). Dissipative thermoplastic rubber stretch hose with a steel conductive spring wire to remove electrostatic charges via the dissipative housing and ground wire plugged into a three-wire AC electrical outlet.

The Blow Vac can also be converted in seconds into a powerful blower for dust removal in areas otherwise not accessible. You simply need to attach the optional two part blow assembly attachment, MENDA Part Number 35836.

The Blow Vac has been specially made with a dissipative housing and attachments/accessories. All are groundable per S20.20 1×10^9 Static Dissipative.

Inspection

Remove the Blow Vac from the shipping carton and inspect for damage.

Items included with 120V model 35840 & 35841

- 1 Dissipative stretch hose – Extends over 4' or 130cm
- 1 Soft Dissipative Rubber Nozzle
- 1 Hard Dissipative Crevice Nozzle
- 1 Low Charging Carrying Strap
- 1 Detachable 13 Amp 8' Power Cord
- 5 Stage filtration system installed (Includes 35838 Micromotorfilter with 35339 filterbag)

Items included with 230V model 35842 & 35843

- 1 Dissipative stretch hose – Extends over 4' or 130cm
- 1 Soft Dissipative Rubber Nozzle
- 1 Hard Dissipative Crevice Nozzle
- 1 Low Charging Carrying Strap
- 5 Stage filtration system installed (Includes 35838 Micromotorfilter with 35339 filterbag)

Optional Accessories

- 35834 Replacement Dissipative Stretch Hose
- 35835 Mini Attachment Set
- 35836 Two-Part Blow Assembly Attachment
- 35837 Replacement HEPA Micromotorfilter
- 35838 Replacement Micromotorfilter
- 35839 Replacement Filterbags, Set of 10

Operation

1. Slide one end of the dissipative stretch hose into suction opening Airflow inlet (vacuum) or Airflow Outlet (blower).
2. Press the desired nozzle onto the hose end.
3. Install any of the other appropriate attachments to the other end of the hose. The Two Part Blow Assembly attachment (35836) is recommended for use if the Blow Vac will be used to blow debris.
4. Place the rocker switch in off position. For the adjustable airflow unit further place the knob electronic control onto the Medium power setting.
5. Plug appliance coupling end of the power cord into rear power inlet Blow Vac. Plug the 3-pin/blade power plug into an electrical outlet that is properly grounded in accordance with all local codes and ordinances. Start Blow Vac by pressing the power switch to "ON" position.



Figure 2: Connecting the hose to the airflow outlet.

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Figure 3: Connecting the hose to the airflow inlet.

Filter Change-Out Instructions

To retain dust and fine dry particles down to 0.3 micron, the Blow Vac is fitted with a special double-layer paper filter bag, combined with an electro-static charged micro filter. If there is substantial loss of suction and/or blow pressure, follow the below steps:

1. Switch-Off appliance and disconnect plug from electrical outlet.
2. Verify the nozzle or hose have not become blocked.
3. Lift the metal lock on the bottom of the Blow Vac and remove the front cover.



Figure 4: Releasing the Filter

4. Remove and dispose the paper filterbag (35839) and replace it with a new one.
5. Replace the micromotorfilter (35838) after approximate 5 times of changing the filterbag (35839).



Figure 5: Removing and Changing the Filter

Safety Warning

- The Blow Vac is designed for indoor use and should be stored in a dry place.
- It is NOT designed to collect liquids, or health endangered dust such as asbestos.
- Unplug the Blow Vac when it is not in use.
- Never use the appliance without the paper filterbag (35839) and micromotorfilter (35838) in place.
- Thermal Protection - Automatic Shut-Off
- Not recommended for use for toner pick up.

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Specifications

Construction:	Durable and highly solvent resistant Volume Dissipative Polypropylene housing
Motor:	1.15 Horsepower
Energy Consumption:	850 Watts with 1300 Watt "Performance Level"
Suction:	80 W.G. (measured at orifice motor)
Weight:	4.8 lbs
Size:	12.5" x 5" x 7.5"
Speed:	Option 1) Simple bleeding valve – 35840 Option 2) Stepless electronic regulator – Adjustable 35841
Filter Bag:	Advanced 5- Stage Filter System Replace filterbag approximately 5 times before having to change micromotorfilter. HEPA (Pre-Moto) micromotorfilter 1.2 Liter Multilayer Filter Bag
Hose:	Dissipative thermoplastic rubber stretch hose
Nozzle:	Dissipative soft rubber snorkel nozzle
Tools:	Dissipative hard crevice tool
Accessories:	Low Charging leather shoulder strap

All electrical components are CSA and UL certified.

CAN/CSA – C22.2 No. 243-M91

UL Std. No. 1017. RFI/EMC Filter Equipped

Made in the Netherlands

Limited Warranty

Menda expressly warrants that for a period of one (1) year from the date of purchase, Menda Blow Vacs will be free of defects in material (parts) and workmanship (labor). Within the warranty period, the product will be tested, repaired, or replaced at Menda's option, free of charge. Call our Customer Service Department at 909-627-2453 for a Return Material Authorization (RMA) and proper shipping instructions and address. Include a copy of your original packingslip, invoice, or other proof of purchase date. Any unit under warranty should be shipped prepaid to the Menda factory. Warranty repairs will take approximately two weeks.

If your unit is out of warranty, call Customer Service at 909-627-2453 for a Return Material Authorization (RMA) and proper shipping instructions and address. Menda will quote repair charges necessary to bring your unit up to factory standards.

Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

Limit of Liability

In no event will Menda or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

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