

Omega Cordless Vacuum Cleaner
DC 22V, 190 Watts
Model VACO22VUM2F Instruction Manual
IEC/EN 60335-2-69, Annex AA Class H

Manufactured by Atrix International, Inc. 1350 Larc Industrial Blvd., Burnsville, MN USA 55337

IMPORTANT SAFETY INSTRUCTIONS
READ ALL INSTRUCTIONS BEFORE USING APPLIANCE

WARNING: This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge. Children should be supervised so they do not play with this machine.

WARNING: Operators shall be adequately instructed on the use of this machine.

WARNING: This machine is not suitable for picking up hazardous debris without the use of the OF712UL Class H-H14 filter installed.

WARNING: This machine is for indoor use only.

CAUTION: This machine is for dry use only.

CAUTION: This machine shall be stored indoors only.

WARNING: This machine shall have the VACOBAT battery removed during cleaning and maintenance and when replacing parts or converting the machine to another function.

WARNING: When vacuuming is complete, plug the filter with either the permanently attached filter plug or the disposable orange plug when storing and not in use.

WARNING:
TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR INJURY:

1. Do not use in damp or wet environments.
2. Shock may occur if used outdoors or on wet surfaces.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended instructions.
5. Do not use with damaged VACOBAT battery. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to Atrix International.
6. Remove battery pack before charging or servicing vacuum.
7. Do not handle appliance with wet hands.
8. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
9. Keep hair, loose clothing, fingers and all body parts away from openings and moving parts.
10. Do not pick up anything that is burning or smoking such as cigarettes, matches or hot ashes.
11. Do not use without filter in place.
12. Use extra care when cleaning on stairs.
13. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
14. Do not use without filter in place.

WARNING:

THIS APPLIANCE IS INTENDED FOR COMMERCIAL USE ONLY. SERVICING, OTHER THAN NORMAL MAINTENANCE, MUST BE DONE BY AN AUTHORIZED SERVICE REPRESENTATIVE.

USER INSTRUCTIONS

THE USER OF THIS MACHINE MUST REFER TO THE APPLICABLE SAFETY REGULATIONS APPROPRIATE TO THE MATERIALS BEING HANDLED.

USER ADVISORY

THE OUTSIDE OF THIS MACHINE SHOULD BE DECONTAMINATED BY VACUUM CLEANING METHODS AND WIPED CLEAN OR TREATED WITH SEALANT BEFORE TAKEN OUT OF THE HAZARDOUS AREA.

H CLASS WARNING LABEL

THIS MACHINE INCLUDES A LARGE RED/BLACK/WHITE WARNING LABEL ATTACHED TO THE FRONT OF THE MACHINE. THIS WARNING LABEL MUST BE RECOGNIZED AND UNDERSTOOD BY THE USER OF THIS MACHINE. THIS MACHINE CONTAINS DUST HAZARDOUS TO HEALTH. WHEN EMPTYING AND/OR MAINTAINING THIS MACHINE, INCLUDING THE REMOVAL OF THE OF712UL DUST CLASS H IMMEDIATE CONTAINMENT FILTER CARTRIDGE, MUST ONLY BE CARRIED OUT BY AUTHORIZED PERSONNEL WEARING SUITABLE PPE (PERSONAL PROTECTION EQUIPMENT). DO NOT OPERATE WITHOUT THE OF712UL DUST CLASS H IMMEDIATE CONTAINMENT FILTER CARTRIDGE INSTALLED.

OPERATION INSTRUCTIONS

1. Release the two front fasteners and open the lid.
2. Remove hose and VACOBAT battery from cover storage and packaging area.
3. Remove the orange plug from the filter cartridge and store in unit.
4. Slide one end of the hose into the filter cartridge.
5. Attach appropriate accessories on the hose assembly.
6. Plug the VACOBAT battery into the battery receptacle on the vacuum.
7. Close lid and latch securely.
8. Turn on the power switch.
9. These vacuums have a built-in feature for added operator and motor safety. If the unit gets too hot or the airflow gets too restricted, the vacuum will shut down. Wait for approx. 10 seconds. Turn the on/off switch back on in approximately 10 seconds. Your hose may be clogged, or it may be time to install a new filter.
10. When vacuuming is complete, plug the filter with either the permanently attached filter plug or the disposable orange plug when storing and not in use.
11. The vacuum is equipped with a full filter indicator light underneath the switch/receptacle and is labeled "Full Filter". When the filter is nearing full capacity, the red light will turn on.
12. Filter Replacement: Requires No. 1 Philips Screwdriver and Small Adjustable Wrench. Insert disposable filter plug. Open Lid. Remove metal filter retention bracket. Lift out filter by putting fingers under each filter end tab and lift up and out. Dispose of filter. Insert new filter. Reattach metal filter retention bracket.

FILTER CHANGE-OUT INSTRUCTIONS (Requires Phillips Screwdriver and Small Adjustable Wrench)

1. Release the two front latches and open the lid.
2. Insert small orange disposable filter plug contaminated filter cartridge.
3. Remove metal filter retention bracket.
4. Put fingers under each end of filter under filter tabs.
5. Lift up and out.
6. Dispose of full filter in an appropriate manner compliant with all local, state, and federal laws.
7. Insert new filter.
8. Reattach metal filter retention bracket.
9. Close Lid and latch securely.

Model VACO22VUM2F

Description	Part No.
Filter (Class H-H14) (ULPA) (99.999% Efficient at .12 micron)	OF712UL
Replacement Battery	VACOBAT
Charger w/USA, Euro and UK Power Cord	VACOCHG
Hose Plug Red	AVPA005
Filter Plug (Small Inlet) Orange	410017
Filer Plug (Large Exhaust) Orange	AVPA004
Detachable 8'2" Euro Cord (230V)	66021A
Replacement Latch	999500
Shoulder Strap	AVPA016
6' Clear Hose	AVPA008
Utility Nozzle	AVPA011
Straight Wand	UE7022BK
Filter Retention Bracket w/Screw and Nut	ATIFRT

As stated, this machine is intended for commercial use, such as for hotels, schools, hospitals, factories, shops, manufacturing facilities, rental businesses, etc. As long as your vacuum is operating normally with the suction power, one can continue to use and reuse the filter. Once suction decreases to a point where your full filter indicator light remains lit, and your vacuum pressure at the end of the hose is not strong enough to pick up dirt and debris, it is time to dispose of your filter and drop in a new filter.

This vacuum is manufactured with a Long-Life DC Digital Brushless Motor and will last for approximately 800 hours of use. There are no motor brushes in this vacuum cleaner.

Battery and Charging Safety



To reduce the risk of electric shock, fire, battery explosion, or injury:

Basic information and warning for ATRIX Battery and Charger are contained below.

For detailed usage and warning information, read the HOW TO CHARGE THE BATTERY PACK carefully before using this unit.

1. Use only the **ATRIX** Charger and ATRIX Battery Pack.
2. **DO NOT** expose battery pack to temperatures above 122°F (50°C). Never leave battery packs in automobiles on hot days, where temperatures can be much higher than the outside temperature.
3. **DO NOT** use or store vacuum or batteries in wet or moist conditions, or with flammable or combustible materials.
4. **DO NOT** charge batteries or store batteries for extended periods, 1 month or more, in temperatures above 90°F (32°C) or below 40°F (5°C).
5. When charging, make sure that the charger has at least 6 inches of clearance on all sides. Adequate airflow is required to cool the charger when in use.
6. **DO NOT** use a damaged cord or plug for charging.
7. **DO NOT** pull on charger's cord to unplug. Grasp and pull the plug, not the cord.
8. **DO NOT** handle the charger's cord plug with wet hands when inserting into electrical outlet.
9. Keep sparks and flames away from batteries. Do not smoke near batteries or charger.
10. **DO NOT** charge the unit outdoors.

- 11.**DO NOT** attempt to repair, service, or modify the battery system or charger. Contact Atrix with any issues.
- 12.**DO NOT** short-circuit the battery or charger terminals with conductive items such as paper clips. This can deliver high current, resulting in heat and fire.
- 13.**DO NOT** crush, drop, incinerate or damage the battery pack.
- 14.**DO NOT** use a battery pack that has been damaged in any way.
- 15.**DO NOT** incinerate the battery even if it is severely damaged or non-working. The battery can explode in a fire.

HOW TO CHARGE THE BATTERY PACK

SPECIFICATIONS AND PARTS –

Charger Specification:

Charger input: 100-240V 50/60Hz AC

Charger output: 27V 4A

Battery Specification:

Lithium: 22V

Watt hours: 95

Amp hours: 4.4

Approximate charge time: 1 hour

Approximate run time: 30+ minutes

Motor Specification:

190W Digital Brushless

OPERATION



Charge in well ventilated area.

DO NOT block charger vents. Keep them clear to allow proper ventilation.

CHARGING LITHIUM BATTERY PACKS

Charge completely before first use.

VACOBAT battery will arrive with less than 30% charge.

It is not necessary to drain the battery pack completely before recharging.

If the charger's light is not lit at any point during the charging process, remove the battery pack from the charger to avoid damaging the product. DO NOT insert another battery. Contact Atrix with any issues.

BATTERY PROTECTION FEATURE

The 22-volt Lithium batteries are designed with features that protect the Lithium Polymer cells and maximize battery life. When the battery has reached its minimum voltage level the electronics will shut off the battery. Once the battery shuts off, it must be recharged.

PREPARING BATTERY PACK FOR CHARGING

BATTERY MUST BE REMOVED FROM VACUUM PRIOR TO CHARGING AND DURING CHARGING PROCESS.

1. Turn off the power switch.
2. Push tab to **UNLOCK the battery pack and REMOVE battery pack from the vacuum.**
3. Plug the charger's power cord into the charger.
4. Plug the round connector on the charger's cord into the battery pack.
5. Plug the charger's power cord into wall outlet.
6. The indicator light will turn red when charging and turn Green when full charged. The Battery pack will require approximately 1 hour to full charge.

Note: Battery pack and charger may get warm while charging.

In 2002, the European Union introduced the Directive on Waste Electrical and Electronic Equipment (WEEE). The main aim of the Directive is to ensure that WEEE is collected and treated separately. WEEE may contain hazardous substances that should not end up in the (human) environment because it can have adverse effects on it.



Furthermore, WEEE is a vast source of raw materials. With the ever-rising worldwide demand for new equipment and the ever-decreasing volume of raw materials in nature, letting this potential source of such materials go to waste is unacceptable.

If equipment is collected separately, the equipment can be recycled and up to 85 to 90% of the equipment can be reused as new material, saving the use of virgin raw materials and the energy of producing these. Separate collection and treatment of WEEE will thus decrease CO₂ emissions as well.

This equipment can be broken down with vibration emissions.

For these reasons, Atrix expects end-users to dispose of the material in an environmentally friendly way through separate collection and treatment.

This Electrical and Electronic Equipment denoted with the following 'crossed out wheeled bin' symbol, indicates that the equipment should be disposed of, by the end-user, separate from other types of waste.

End-users should contact their dealer/distributor for disposal, collection, and recycling options in their country.

Vibration Test:

According to Clause FF of EN 60335-2-69:2012, vibration total value a_h is less than 2.5m/s^2 ,

$$a_h \leq 2.5\text{m/s}^2$$

Declared dual-number noise emission values:

Machine Type: Omega Cordless, Model no. VACO22VUM2F, 22V, 190 Watts		
DECLARED DUAL-NUMBER NOISE EMISSION VALUES: in accordance with ISO 4871		
	Operating mode 1 No load	Operating mode 2 Normal
Measured A-weighted emission sound pressure level, LpA (ref. 20 uPa) at operator's position, in decibels	xx.xx	xx.xx
Uncertainty KpA, in decibels	x	x

Note-The sum of a measured noise emission value and its associated uncertainty represents an upper boundary of the range of values which is likely to occur in measurements.

This machine has a decibel rating of 67 at operator's position. This machine has a decibel rating of less than 70 decibels measured according to OSHA standards. Hearing protection is not required but advised.

This machine has a brushless digital motor. It has a maximum flow rate of 40 Cubic Feet per Minute OR 85.90 Cubic Meters per Hour and maximum under pressure of 756.70 Millimeters of Water Column OR 7,420.69 Hectopascal Pressure Units.

Model VACO22VUM2F WARRANTY INFORMATION

Out-of-Box Warranty: This vacuum is warranted to be in good working condition when received.

This warranty is in lieu and exclusive of any warranty of merchantability, and/or quality, and any application for a particular purpose or any other warranty expressed or implied. With respect to the vacuum in the manner and for the period provided above shall constitute fulfillment of all liabilities.

If you have any questions regarding this warranty, please contact Atrix, Monday-Friday, 8:00 a.m. – 4:30 p.m. CST. 1-800-222-6154, sales@atrix.com

Disclaimer of Warranty: EXCEPT FOR THE IMPLIED WARRANTIES OF TITLE AND AGAINST PATENT INFRINGEMENT, ATRIX MAKES NO OTHER WARRANTIES WITH RESPECT TO THIS CUSTOM VACUUM CLEANER, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Limitation of Liability: ATRIX WILL NOT BE LIABLE UNDER ANY CIRCUMSTANCES FOR ANY COINCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR ECONOMICAL LOSS, BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR ANY OTHER LEGAL THEORY, EVEN IF ATRIX HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES INCLUDING, BUT NOT LIMITED TO LOSS OF PROFITS, REVENUE, EQUIPMENT USE, DATA OR INFORMATION OF ANY KIND. THE LIABILITY OF ATRIX SHALL NOT UNDER ANY CIRCUMSTANCE, EXCEPT AS EXPRESSLY PROVIDED HEREIN, EXCEED THE PRICE OF THE ATRIX OMEGA CORDLESS VACUUM.