



## Electronic Service Manuals

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**Serving the Cleaning Industry Since 1922**

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# CLEANMAX

## OPERATING INSTRUCTIONS

FOR CLEANMAX WIDE AREA VACUUM  
MODEL: CM-WAV



Before operating the vacuum,  
please read these instructions completely.

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## Customer's Record

The model and serial numbers of this product may be found on the back side of the unit. You should complete the enclosed warranty card and mail it back to us as soon as possible for your protection. Also, note the model and serial numbers of your unit in the spaces provided below, and retain this book as a permanent record of your purchase.

Model Number: \_\_\_\_\_  
Serial Number: \_\_\_\_\_  
Date Purchased: \_\_\_\_\_

Your CleanMax vacuum cleaner is a product of high quality materials and superior workmanship. We urge you to read these operating instructions carefully before you use this vacuum cleaner, in order to obtain the full performance and satisfaction it can offer you.

## Save These Instructions

Before you plug in your CleanMax vacuum cleaner, make sure the voltage indicated on the rating plate located on the back of the vacuum cleaner is the same as your local supply.

# SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

When using an electrical wide area vacuum cleaner, basic precautions should be followed.  
Read all instructions before using vacuum cleaner.

## WARNING

### IMPORTANT SAFETY INSTRUCTIONS:

**WARNING:** To reduce the risk of fire, electric shock or injury:

FOR COMMERCIAL USE ONLY.

Do not leave machine unattended when plugged in. Unplug from outlet when not in use and before changing bags or attempting any maintenance or adjustment.

To avoid electrical shock, use indoors only. Do not use outdoors and do not expose to rain.

Use only as described in this manual. Use only manufacturer's recommended attachments.

Do not use with damaged cord or plug.

If machine is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.

Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run machine over cord. Keep cord away from heated surfaces. Do not unplug by pulling on cord. To unplug, grasp the plug not the cord. Do not handle plug or machine with wet hands.

Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

Turn off all controls before unplugging.

Connect to a properly grounded outlet only. See Grounding Instructions.

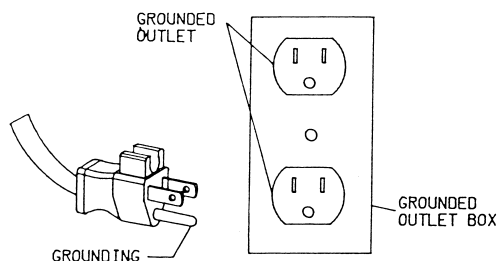
Do not put hands under base as the rotating parts could cause injury. Always keep hands, feet and loose fitting clothing away from moving parts to prevent possible injuries. Use care to keep electrical supply cable from contacting moving parts, such as floor brushes.

Risk of explosion: Use this machine only in a well ventilated area, free from any flame or match. Do not use machine in areas where flammable and/or explosive vapors or dust are present.

Make sure voltage and frequency at the wall power receptacle correspond with that indicated on name plate before plugging in machine. A 20 amp circuit is recommended.

Never use a device to lock the switch lever in the ON position.

Use only a 12 gauge, three-wire extension cable which has a 3-prong grounding type plug and a 3-prong receptacle that accept the machine's plug.



## SAFETY PRECAUTIONS

### BEFORE OPERATING MACHINE

**WARNING:** Failure to adhere to these instructions could result in serious bodily injury or property damage.

Read this manual completely before attempting to operate machine. This manual has important information for the use and safe operation of the machine. Keep this manual on file and handy.

### GROUNDING INSTRUCTIONS

**WARNING:** Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. This appliance is for use on a nominal 120-volt circuit, and has a grounding plug that looks like the plug illustrated in Sketch A.

**NOTE:** In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.

### EXTENSION CORD

If an extension cord is used, use only a three wire, 12 gauge extension cord that has a three prong grounding type plug and a three prong receptacle that accepts the machine's plug. This machine is equipped with a 14 gauge power cord. Replace or repair all damaged cords.

### WHEN THE MACHINE IS DELIVERED

If machine is damaged, notify the carrier immediately and request an inspection. Be sure to keep the carton, packing inserts, packing lists, and carrier's receipt until the inspector has verified your claim.

# How to Assemble and Operate the Vacuum

1. Loosen handle pivot knobs and adjust handle to comfortable operation height.
2. Tighten knobs to lock handle in place.
3. Depress the main power switch located on the handle.
4. To operate brush, squeeze trigger bar.
5. Adjust brush height for proper pick-up.



## How to Change the Vacuum Bag

1. Open wide area vacuum lid.
2. Unzip cloth bag and install paper bag inside.
3. Attach both bag openings together onto vacuum intake housing.
4. Make sure bag is properly installed inside machine housing.
5. Completely close zipper on cloth bag and close lid of machine.



## Brush Height Adjustment

1. This machine has 5 brush adjustment levels.
2. To raise brush height level, lift up height adjustment bar until desired brush height is attained.
3. To lower brush height level, push down on height adjustment bar until desired brush height is attained.



# How to Replace the Filter

1. Remove filter cover screws at back of machine.
2. Remove the two nuts holding filter onto machine.
3. Replace filter in proper position and tighten nuts.
4. Reinstall filter cover.



# How to Replace the Vacuum Belt

1. Remove belt cover on left side of machine.
2. Loosen the two motor belt adjusting screws on motor bracket.
3. Remove belt.
4. Install new belt and eliminate excess slack by adjusting the set screw on the motor mount.
5. Once proper tension is set, tighten motor adjusting screws.
6. Replace belt cover on side of machine.



## Circuit Breaker Protection

Your CleanMax vacuum cleaner comes equipped with a manual reset circuit breaker for each motor. The breakers are designed to protect your vacuum cleaner from overheating due to a cutoff in airflow (i.e. clogged hose, operating the vacuum without a bag). Should this situation occur, the circuit breaker protector will safely shut off your vacuum cleaner to avoid any potential damage.

To reset the breaker(s):

1. Unplug the vacuum cleaner.
2. Check for problem (over-filled bag, clog in hose, clogged filters, etc.).
3. Correct problem.
4. Locate "tripped" breaker(s) — one or both of the small buttons located on the handle to the right of the power switch.
5. Push the reset button(s) that is tripped.
6. Plug vacuum cleaner in and begin using.

## For Best Performance

- Keep machine and all accessories clean and in good operating condition.
- Change vacuum bags and filters as recommended to maintain optimum cleaning efficiency.
- Always use genuine bags, filters and parts, as use of other products may result in poor cleaning or filtration performance. CleanMax filtration products are designed for maximum performance.
- Have machine checked periodically by the retailer where you purchased your CleanMax vacuum.
- Store machine carefully in dry area.
- For optimum cleaning performance and safety, follow your owner's manual.

# Technical Specifications

	<b>Model Wide Area Vac</b>
Voltage	120V
Vac motor	2 x 1000W
Vacuum lift	63"
Sound pressure level	70 dB(A)
Size ( L x W x H)	20" x 30" x 36"
Cord length	75'
Weight empty	95 lbs.
Brush width	28"
Brush Motor	1800 rpm
Brush height adjustment	5 pile settings
Drive belt	6 groove Poly-V
Filtration	4 stage Clean -Air
Warranty	1 year

## Replacement Bags and Filters

<b>Part</b>	<b>Part no</b>	<b>Description</b>
Disposable Paper Filter Bags (10 bags per pack)	CM-WAV10	Pack of 10 Paper Bags
Outer Cloth Bag	19816	Outer Clean Air - Cloth Bag
Exhaust Filter	19855	Exhaust Filter
Motor Filter (2 required)	19834	Vacuum Inlet Filter Vacuum Motor Exhaust Filter

## Trouble Shooting

<b>Problem</b>	<b>Reason</b>	<b>Remedy</b>
The vacuum does not turn on	<ul style="list-style-type: none"> <li>• Power failure</li> </ul>	<ul style="list-style-type: none"> <li>• Check the main fuse, the power supply cord and the plug.</li> <li>• Check the power switch located on handle.</li> </ul>
The vacuum is on, but the brush does not rotate	<ul style="list-style-type: none"> <li>• Trigger bar is not squeezed</li> <li>• Obstructions present</li> <li>• Damaged belt</li> </ul>	<ul style="list-style-type: none"> <li>• Squeeze trigger bar.</li> <li>• Remove obstruction.</li> <li>• Remove belt cover, check belt and replace as necessary.</li> </ul>

# **CLEANMAX**

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