

Wallpro
TRADE TOOLS



MODEL DE-40M

POWER VACUUM

OPERATING INSTRUCTIONS







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Thank you for purchasing this Wallpro M Class Vacuum Cleaner. Feel confident that with Wallpro you are purchasing a high quality product engineered for optimal performance.

FOR YOUR SAFETY: CAREFULLY READ AND UNDERSTAND ALL INSTRUCTIONS

Warnings

	Caution
	Read instruction manual. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
	Vacuum cleaners of dust category M according to IEC/EN 60335-2-69 for dry vacuuming of hazardous dusts with an exposition limit value $\geq 0.1 \text{ mg/m}^3$.
	WARNING: The vacuum cleaner may contain materials that are hazardous to one's health. Have the emptying and maintenance, incl. the disposal of dust-collection container, carried out only by a specialist. Appropriate protective equipment is required. Do not operate the vacuum cleaner without the complete filter system. Otherwise there is danger to your own health.

Safety Information

READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE USING THIS VACUUM CLEANER.

This machine is intended for commercial use, for example in hotels, schools, hospitals, factories, shops, offices and rental businesses. Any other use is considered as improper use. The manufacturer accepts no liability for any damage resulting from improper use. The risk for such improper use is borne solely by the user.

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place so that the information is always available. If you give the equipment to any other person, give them these operating instructions as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.

- Never leave the appliance switched on unattended, if you leave the work area, switch the appliance off or unplug it from the power supply.
- Do not vacuum or use this vacuum cleaner near flammable liquids, gases or explosive vapours like gasoline or other fuels, lighter fluids, cleaners, oil-based paints, natural gas, hydrogen, or explosive dusts like coal dust, magnesium dust, grain dust or gun power. Sparks inside the motor can ignite flammable vapours or dust.
- This vacuum cleaner is not suitable for the vacuuming of **asbestos or asbestos dust**.
- Do not vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Ensure the hose and connections are always pointed away from the users face, hair, ears and eyes during operation and never direct the nozzle towards persons or animals.
- Clear the working area of any items or possessions that you do not wish to be vacuumed before operation.
- Keep cord away from heated surfaces.
- Only connect tools with a power rating of 700W or less to the vacuum. Exceeding this limit will cause damage to the vacuum.
- Do not expose to rain. Store indoors.
- Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
- Do not use with damaged cord, plug or other parts.
- Do not pull or carry by cord, use cord as handle, close a door on cord, or pull cord around sharp edges or corners. Always use the handle.
- Do not handle the plug or vacuum cleaner with wet hands.
- Frequently check that the float valve positioned underneath the motor is able to move freely.
- Do not use this vacuum cleaner with a torn filter or without the filter installed.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- To reduce the risk of injury from accidental starting, unplug power cord before changing or cleaning filter.
- Unplug from power supply when not in use and before carrying out maintenance.
- Do not cover the ventilation openings. Do not vacuum with any ventilation openings blocked; keep free of dust, lint, hair or anything that may reduce air flow.
- Keep hair, loose clothing, fingers, all parts of body away from openings and moving parts.
- If the supply cord is damaged, it must be replaced by the manufacturer, a qualified service agent or similarly qualified persons in order to avoid a hazard.
- This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Children shall not play with the appliance.

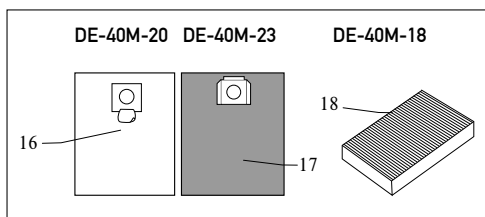
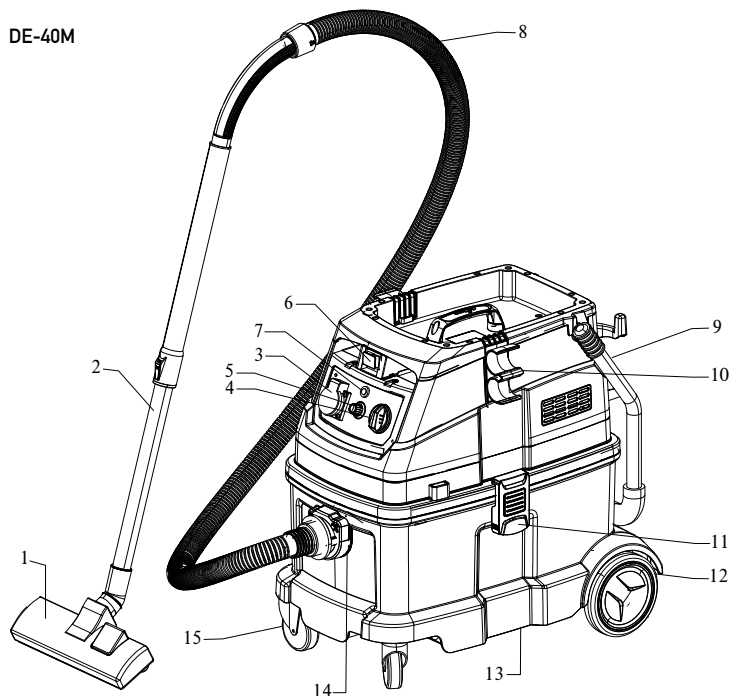
- For additional protection: It is recommended that this vacuum cleaner be used in conjunction with residual current device (RCD) with a rated residual current of 30mA or less.
- Only use the socket outlet on the machine for purposes specified in the instructions.
- If foam or liquid escapes from the machine, switch off immediately.
- Suitable clothing and footwear must be worn.
- Precautions should be taken when changing attachments.
- For user servicing, the machine must be dismantled, cleaned and serviced, as far as is reasonably practicable, without causing risk to the maintenance staff and others. Suitable precautions include decontamination before dismantling, provision for local filtered exhaust ventilation where the machine is dismantled, cleaning of the maintenance area and suitable personal protection.
- Perform a technical inspection at least annually, consisting of, for example, inspection of filters for damage, air tightness of the machine and proper function of the control mechanism.
- Besides the operating instructions and the binding accident prevention regulations valid in the country of use, observe recognized regulations for safety and proper use.
- When dust removers are used, the rate at which air is exchanged in the room must be adequate if the exhaust air from the vacuum cleaner is blown into the room (please observe regulations valid in your country).
- Before starting work, the operating staff must be informed on
 - use of the vacuum cleaner
 - risks associated with the material to be picked up
 - safe disposal of the picked up material.
- Before transporting the collection tank, close all the locks. Do not use a crane hook to lift the cleaner.
- For class M machines, the outside of the machine should be decontaminated and wiped clean or treated with sealant before being taken out of a hazardous area. All the machine parts shall be regarded as contaminated when removed from the hazardous area and appropriate action taken to prevent dust dispersal.
- When using an extension lead, check the minimum cross sections of the cable:

Cable length	Cross section	
	< 16A	< 25A
up to 20m	1.5mm ²	2.5mm ²
20 to 50m	2.5mm ²	4.0mm ²



WARNING: When carrying out service or repair operations, all contaminated items which cannot be satisfactorily cleaned are to be disposed of; such items shall be disposed of in impervious bags in accordance with any current regulation for the disposal

Components and Spare Parts

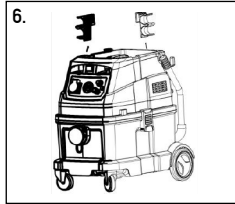
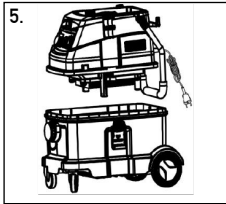
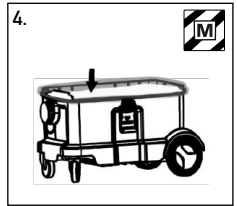
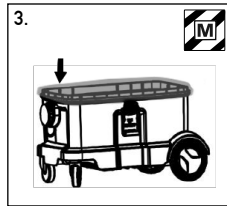
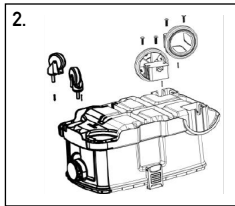
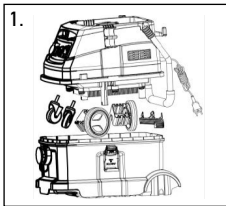










1	Floor brush	8	Hose set	15	Small wheel
2	Telescope tube	9	Handle	16	Fabric Microfibre M Class Dust Bag
3	Electrical outlet	10	Hose holder	17	Disposable M Class Dust Bag
4	Function switch	11	Plastic clip	18	Filter
5	Speed control knob	12	Big wheel	19	Motor
6	Switch	13	Dust barrel	21	Vacuum hose connection
7	Protection switch	14	Suction	22	PCB

Assembly

NOTE: A Phillips screwdriver is required. 

1. Release the buckle to open the upper vacuum housing, then take out the wheels, bags and accessories.
2. Insert the large and small wheels, secure with the screws provided.
3. Insert the disposable M Class dust bag into the dust barrel, ensuring the valve is pushed over the seal and the bag covers all edges of the dust barrel.
4. Insert the Fabric Microfibre M Class Dust Bag into the dust barrel, ensuring the valve is pushed over the seal and the bag is placed in the dust barrel.
5. Place the upper vacuum housing back onto the dust barrel. Use locks to secure and make sure is sealed properly.
6. Install the hose holder on the machine, taking care to insert the bottom into the slot on the body of the machine.
7. Insert the hose connector into the suction port of the machine, rotate it in place clockwise, insert the elbow into the metal pipe and insert the other end of the metal pipe into the floor brush.



Depending on how hazardous the dust is, the cleaner must be fitted with appropriate filters & collection means.		
Dusts with OEL values $\geq 0.1 \text{ mg/m}^3$ (observe any additional national regulations) Wood dusts & concrete dusts.	 + 	Cartridge Filter + Disposable Bag
	 + 	Cartridge Filter + Dust Bag
Class M Requirements	 +  + 	Cartridge Filter + Dust Bag + Disposable Bag
All dusts vacuuming must fit with cartridge filter.		Cartridge Filter

IMPORTANT: Check the filter regularly for optimal performance. An old or blocked filter will reduce performance.

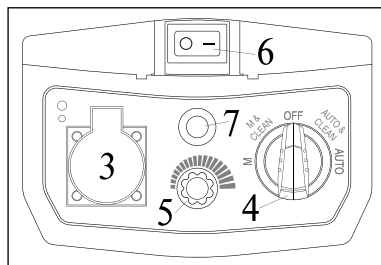


WARNING: When using the disposable bag, be careful not to vacuum heavy or sharp objects. When removing the disposable bag, use a P2-respirator, and securely tie a knot in the disposable bag. Do not make contact with any sharp objects and then carefully dispose of in accordance with legal regulations.

Operation

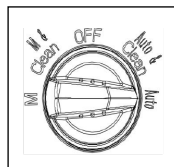
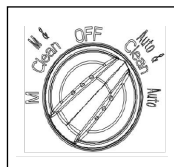
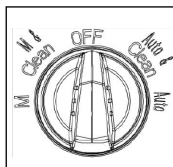
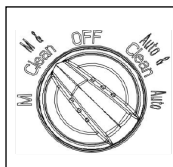
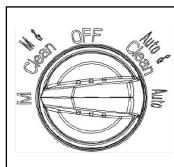
1. Function of each component

- "6" The main switch of the machine
- "3" Connect the electric tool (Pmax 700W)
- "4" Function switch, select machine functions as needed
- "5" Increase power clockwise
- "7" When the whole machine current greater than 15A, automatic shutdown, press the reset button, you can restart.



2. Vacuum Cleaner Function

- a) Only the vacuum cleaner function
- b) Only the vacuum cleaner function and the filter can be cleaned automatically
- c) Turn it off
- d) Works in sync with electric tools and filter can be cleaned automatically
- e) Works in sync with electric tools

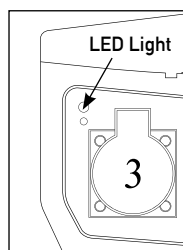


3. Filter Cleaning Light

When the LED light is red, this shows when the filter needs to be cleaned.



During the automatic cleaning function, the automatic dust shaking function will be started every 20 seconds and you will hear the sound



WARNING: VACUUM INFLATING OR BLOW FUNCTION IS NOT TO BE USED WHEN WORKING WITH HAZARDOUS DUSTS.



WARNING: ALWAYS USE A P2-RESPIRATOR WHEN REMOVING THE CARTRIDGE FILTER AFTER VACUUMING HAZARDOUS DUSTS.

4. Replacing the Dust Bags



If the dust bag is full, please empty as soon as possible.

1. Ensure the machine is turned off.
2. Use correct PPE and follow current regulations for the disposal of such hazardous waste.
3. Release the buckle and remove the upper vacuum housing assembly. (Fig A)
4. Use another appropriate M Class vacuum if there is any loose dust in the upper vacuum housing or dust barrel, to eliminate any airborne dust.
5. Disconnect the Fabric Microfibre M class dust bag enough to close the valve. Carefully close the valve, leaving it in the dust barrel. (Fig B)
6. Disconnect the disposable M Class dust bag enough to close the valve. Carefully close the valve and remove the disposable bag from the edges of the barrel. Pull the bag up and secure it with a zip tie to contain both bags. (Fig C)
7. Lift the bags and dispose of them in the appropriate rubbish bin.
8. Replace with new Disposable M Class Dust Bag and Fabric Microfibre M Class Dust Bag as per assembly p.7.

NOTE: New bags must be used for each use to ensure M-class regulations are met.



Fig.A

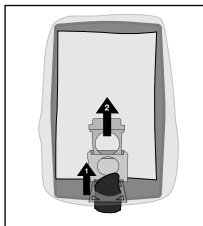


Fig.B

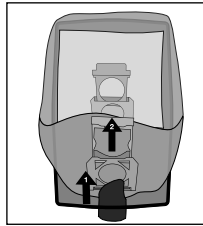


Fig.C

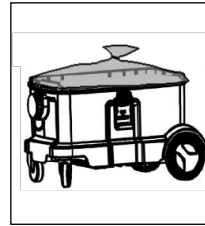


Fig.D

5. Replacing the Filter



1. Ensure the machine is turned off.
2. Use correct PPE and follow current regulations for the disposal of such hazardous waste.
3. Release the buckle and remove the upper vacuum housing assembly. (Fig A)
4. Use another appropriate M-Class vacuum if there is any loose dust in the upper vacuum housing or Dust barrel. To eliminate any airborne dust.
5. Turn the 6 lock nuts anti-clockwise as shown to release the filter from the housing. (Fig D)
6. Place the filter in a garbage bag use zip ties to ensure dust is contained, and dispose of it in the appropriate rubbish bins.
7. Replace with new M class filter, turn the lock nuts in the opposite direction to secure. (Fig E)
8. When the machine is not in use, please press the switch to the OFF position and you can store the components using the attachments provided. (Fig F)

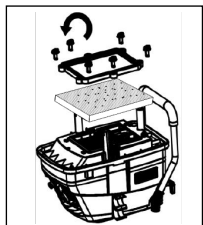


Fig.E

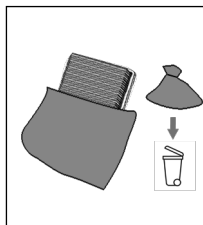


Fig.F

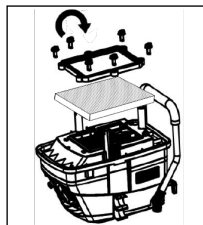


Fig.G

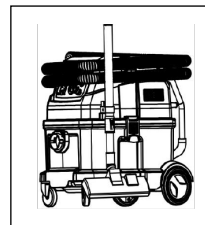


Fig.H

IMPORTANT: Dispose of the dust in accordance with legal regulations. Remove the electrical plug from the socket before emptying. After removing the suction hose from the machine, close the cover gasket.

NOTE: The requirements for the ingress degree (dust category M) have only been certified for dry vacuuming.

Maintenance



WARNING: REMOVE THE POWER CORD FROM THE POWER SUPPLY BEFORE CARRYING OUT ANY MAINTENANCE.



WARNING: ALWAYS USE A P2-RESPIRATOR WHEN REMOVING THE CARTRIDGE FILTER AFTER VACUUMING HAZARDOUS DUSTS.

- I. Keep all safety devices, air vents and the motor housing free of dirt and dust. Use a soft, dry brush to clean the equipment regularly.
- II. Clear all dust or debris from the collection tank after each use. Allow to dry before replacing the power head.
- III. Check the hose, attachments, and power cord to verify that they have not been damaged or any debris is trapped and blocking airflow.

Troubleshooting



WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK-UNPLUG BEFORE TROUBLESHOOTING.

CLEANING PERFORMANCE

Wallpro vacuum cleaners are tested for endurance. If your motor is operating, then the most likely cause for a loss in suction is a blockage or an opening in the vacuum.

To maintain a high cleaning performance from your machine, it is important to replace or clean cartridge filters as necessary. Replace full dust collection bags to prevent performance drops. A performance drop with clean filters can only be caused by a blockage in the tools or the hose.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The appliance does not work.	No power.	Check the power supply and fuse.
	Functional fault in the power cord, switch, or motor.	Have the damaged part checked by qualified personnel.
Dust is escaping from the motor cover.	The cartridge filter is missing or damaged.	Replace cartridge filter.
Power tool take-off socket does not work.	Power tool wattage is not compatible with the power tool take-off socket.	Check the wattage is compatible with the power tool take-off socket.
	Incorrect operating mode selected.	Ensure the switch is moved into the 'Auto' function position.
Low suction power and high operating noise / vibrations.	Dust bag or disposable bag is full.	Replace the dust bag and disposable bag.
	Suction nozzle, hose, or tank inlet is blocked.	Check the suction nozzle, hose, and tank inlet for obstructions.
	Cartridge filter is blocked.	Replace cartridge filter.
	Power regulator switch is set to minimum.	Adjust variable power regulator.
The air flow indicator is still red flashing after completing filter cleaning operation.	Suction nozzle, hose, or tank inlet is blocked.	Check the suction nozzle, hose, and tank inlet for obstructions.
	The cartridge filter has been contaminated heavily.	Remove and replace with a new filter.

Technical Data

Model Number	DE-40M
Motor	220-240V~ 50Hz
Power Input	1600W
Max. Power Consumption Of the Power Tool Take-Off Socket Outlet	700W for SAA Socket
Tank Volume	40L
Net Weight	16.4kg
Max. Vacuum Pressure	25000 Pa
Max. Flow Rate	4000 L/min

NOISE/VIBRATION INFORMATION

Noise emission values determined according to **EN 60335-2-69**.

Typically, the A-weighted sound pressure level of the power tool is <78 dB(A).

Uncertainty K = 3 dB. The noise level when working can exceed 80 dB(A).

Total vibration values ah (triax vector sum) and uncertainty K determined according to **EN 60335-2-69**: $a_h < 2.5 \text{ m/s}^2$, $K = 1.5 \text{ m/s}^2$.

Recycling and Disposal



This marking indicates that this product should not be disposed with other household wastes. The packaging and the machine itself are manufactured from recyclable materials and should be disposed of accordingly.

Symbols

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

V~	Volt, (alternating voltage)	d.c	Direct current
A	Amperes	ft-lb	Foot - pound
Hz	Hertz	mm	Millimeter
W	Watt	n0	no load speed
/min or min ⁻¹	Per minute	kg	Kilogram
l	Liter	dB(A)	Decibel (A-rated)
a.c	Alternating current	m/s ²	Meters per seconds squared
kg-cm	Kilograms - centimeter	Nm	Newton meter



Recycle



Lock / to tighten or secure



Unlock / to loosen



Note / Remark



Caution /Warning



Read the instruction manual



Wear hearing protection



Wear eye protection



Wear a dust mask



Wear protective gloves



Wear protective, slip resistant footwear



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



This product is of protection class I. That means it is equipped with enhanced or double insulation.



Australian regulatory compliance mark.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



May contain hazardous materials

Warranty

Wallboard Tool Co Pty Ltd warrants that this product will be free from any defect in materials or workmanship for twelve (12) months from your Purchase Date (noted on your invoice or receipt).

At its discretion, Wallboard Tool Co Pty Ltd will either repair or replace your product, if it is found on inspection by Wallboard Tool Co Pty Ltd or a registered and approved Wallpro Service Agent to have any such defect.

WARRANTY CLAIM PROCEDURE

To make a claim under this Warranty, you must:

- First contact the Wallboard Tool Co Pty Ltd distributor where you purchased the product
- Return the product to the distributor accompanied by the proof of purchase (invoice or receipt)

You will be responsible for the delivery to and collection of the product from the distributor.

WARRANTY APPLICATION

This Warranty applies only:

1. To a product sold to you by Wallboard Tool Co Pty Ltd or by a Wallboard Tool Co Pty Ltd distributor
2. If you use the product for your private or business purposes

WARRANTY EXCLUSIONS

This Warranty will not apply if any of the following occurs during the relevant warranty period:

1. The product is serviced or repaired by anyone other than by a registered and approved Wallpro service agent
2. You use a product contrary to the technical or operating environment guidelines recommended in its user guide or manual;
3. Any wear parts included in your product, (for example: including but without limitation: Velcro Foam Adaptors, Bearings, Bit Tips, Carbon Brushes, etc), reaches the end of its service life;
4. A product's malfunction or failure to perform to Wallboard Tool Co Pty Ltd specifications results from:
 - a). deliberate or accidental damage; or
 - b). neglect or modification; or
 - c). incorrect voltage or a power surge; or
 - d). use of non-genuine replacement parts or accessories.

NON-GENUINE ITEMS

If you use non-genuine replacement parts in the product, you may damage the product and may invalidate this warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Details of the company giving this warranty:

Wallboard Tool Co Pty Ltd
30 Leda Drive, West Burleigh, Qld 4220, Australia
Phone: +61 7 5535 7655
Email: info@wbtc.com.au

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CUSTOMER SERVICE

1300 653 177