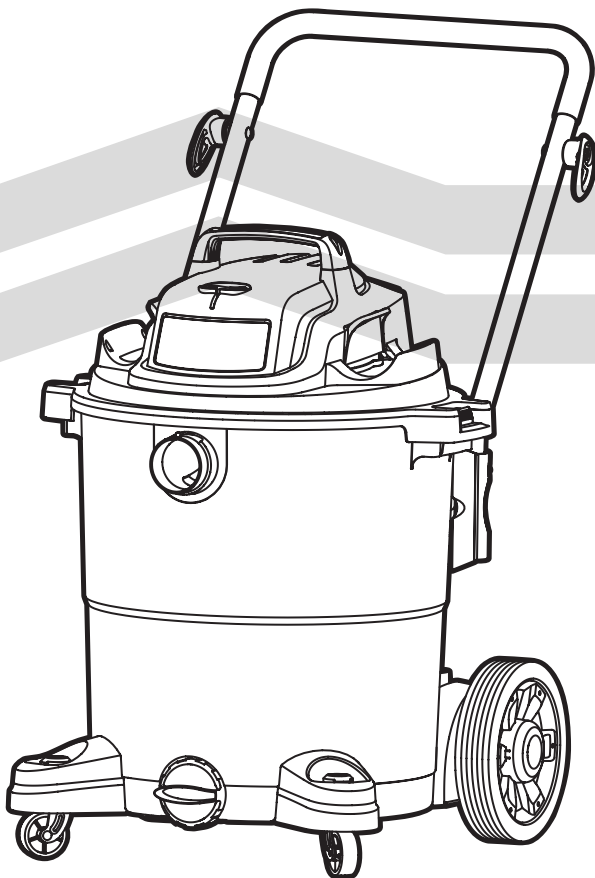


# ***Mastervac***<sup>TM/MC</sup>



## INSTRUCTION MANUAL **PREMIUM WET/DRY VACUUM**

054-0223-2

**If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928.**



Read and understand this instruction manual thoroughly before using the product. It contains important information for your safety as well as operating and maintenance advice.

Keep this instruction manual for future use. Should this product be passed on to a third party, then this instruction manual must be included.

**Quick Start Guide**

**QUICK START GUIDE**

|                                 |            |
|---------------------------------|------------|
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|                 |                                                  |
|-----------------|--------------------------------------------------|
| PEAK HORSEPOWER | 6                                                |
| POWER           | 120 V, 60 HZ, 11 A                               |
| TANK SIZE       | 53 L (14 U.S. gallons / 11 5/8 Imperial gallons) |
| AIR FLOW        | 120 CFM AT END OF HOSE                           |
| TANK            | POLYPROPYLENE                                    |
| HOSE            | 2 1/2" X 7' (6.4 CM X 2.1 M)                     |
| FILTERS         | CARTRIDGE FILTER, FOAM FILTER, DUST BAG          |
| POWER CORD      | 12' (3.7 M)                                      |
| WEIGHT          | 24 LB 2 OZ (10.95 KG)                            |

## IMPORTANT SAFETY INSTRUCTIONS

### SAVE THESE INSTRUCTIONS

#### Understanding Safety Terminology



**DANGER:** If safety information is not followed, someone will be seriously injured or killed.



**WARNING:** If safety information is not followed, someone could be seriously injured or killed.



**CAUTION:** If safety information is not followed, someone may be injured.



When using this Wet/Dry Vacuum follow basic safety precautions including the following:

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

- Do not run the Wet/Dry Vacuum unattended.
- Do not vacuum, or use this Wet/Dry Vacuum near liquids, gases, or explosive vapours like gasoline or similar fuels, lighter fluid, cleaners, oil based paints, natural gas or hydrogen. Do not vacuum or use this Wet/Dry Vacuum near explosive dusts like coal dust, magnesium dust, grain dust, or gun powder as sparks inside the motor can ignite flammable vapours or dust.
- Do not vacuum burning or smoking items such as cigarettes, matches, or hot ashes.
- Keep the cord away from heated surfaces.
- 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 if the cord, plug or other parts are damaged.
- If the Wet/Dry Vacuum is not working correctly or has missing parts, has been dropped or damaged, left outdoors or dropped in water, return it to an authorized service centre.
- Do not pull or carry by the cord. Do not use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners.
- Do not run the Wet/Dry Vacuum over the cord.
- Do not handle the plug or the Wet/Dry Vacuum with wet hands.
- To reduce the risk of health hazards from vapours or dusts, do not vacuum toxic materials.
- Do not use or store near hazardous materials.
- Do not use this Wet/Dry Vacuum with a torn filter or without installing the filter except when vacuuming liquids as described in the operation section of this manual.
- Do not use the Wet/Dry Vacuum as a toy. Pay particularly close attention when it is being used by or near children.
- To reduce the risk of injury from the Wet/Dry Vacuum accidentally starting, unplug the power cord before changing or cleaning the filter.
- Do not leave the Wet/Dry Vacuum unattended when it is plugged in. Unplug it from the power outlet when not in use and before servicing. Turn off the Wet/Dry Vacuum before unplugging.
- Do not put any objects into the ventilation openings. Do not vacuum with any ventilation openings blocked.
- Keep free of dust, lint, hair or any other items that may reduce the air flow.
- Keep hair, loose clothing, fingers, and all body parts away from openings and moving parts.
- To reduce the risk of falling, use extra care when cleaning on stairs.

## When using as blower:

- Direct air discharge only at work area.
- Do not direct air at bystanders.
- Do not use near children.
- Do not use blower for any purpose other than blowing dirt and debris.
- Do not use Wet/Dry Vacuum as a sprayer.

This Wet/Dry Vacuum is double-insulated, eliminating the need for a separate grounding system. Use only identical replacements parts. Read the servicing instructions before servicing the Wet/Dry Vacuum. Use this Wet/Dry Vacuum only as described in this manual.

Observe the following warnings that appear on the motor housing of this Wet/Dry Vacuum.



DOUBLE-INSULATED. GROUNDING NOT REQUIRED. WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS.



**WARNING:** To reduce the risk of electric shock, do not expose to rain. Store indoors.



**WARNING:** For your own safety, read and understand this instruction manual. Do not operate unattended. Do not use this Wet/Dry Vacuum to pick up hot ashes, coals, toxic, flammable or other hazardous materials. Do not use near explosive liquids or vapours.



### CAUTION:

Do not vacuum drywall dust or cold fireplace soot or ash with a standard Wet/Dry filter. This dust is very fine and hence will not be captured by the filter and may cause damage. Refer to the operation section for proper filter selection.



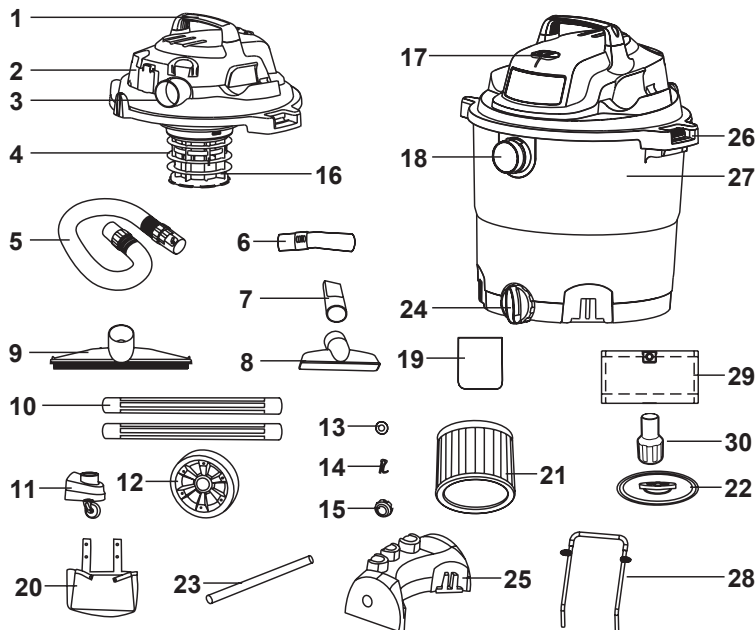
### WARNING: SERVICING OF THE DOUBLE-INSULATED WET/DRY VACUUM

In a double-insulated Wet/Dry Vacuum, two systems of insulation are provided instead of grounding. No method of grounding is provided on a double-insulated appliance, nor should one be added. Servicing a double-insulated Wet/Dry Vacuum requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated Wet/Dry Vacuum must be identical to the parts that are being replaced. This Wet/Dry Vacuum is marked with the words 'DOUBLE INSULATED' and the symbol  (square within a square) may also be marked on the appliance.

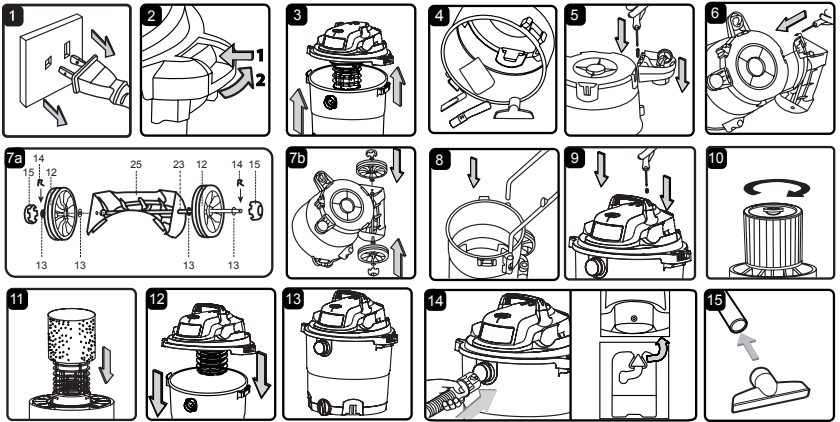
- For household use only.
- To reduce the risk of electric shock, unplug before cleaning or servicing.
- DO NOT use without filters in place.
- To reduce the risk of electric shock, use indoors only.



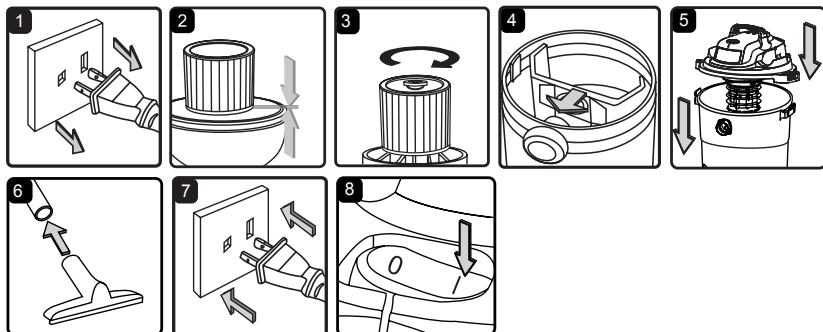
**CAUTION:** To reduce the risk of injury from moving parts, unplug before servicing.



| No. | Description          | No. | Description                |
|-----|----------------------|-----|----------------------------|
| 1   | Transport handle     | 16  | Safety float valve         |
| 2   | Top section          | 17  | Switch                     |
| 3   | Blower connection    | 18  | Vacuum hose connector      |
| 4   | Filter basket        | 19  | Foam filter                |
| 5   | 2 ½" (6.4 cm) hose   | 20  | Storage bag                |
| 6   | Air regulator handle | 21  | Cartridge filter           |
| 7   | Crevice tool         | 22  | Filter Retainer            |
| 8   | Utility nozzle       | 23  | Wheel shaft                |
| 9   | 14" squeeze nozzle   | 24  | Drain outlet               |
| 10  | Extension wand (x 2) | 25  | Rear support block         |
| 11  | Casters (x 2)        | 26  | Clasp (x 2)                |
| 12  | Wheel (x 2)          | 27  | Tank                       |
| 13  | Washer (x 2)         | 28  | Main handle with foam grip |
| 14  | 'R' lock pin (x 2)   | 29  | Dust Bag                   |
| 15  | Wheel cover (x 2)    | 30  | Noise Diffuser             |



1. Ensure that the power cord is disconnected from the power outlet (figure 1).
2. Undo the clasps (figure 2).
3. Lift the top section off the tank (figure 3).
4. Remove the contents from inside the tank (figure 4).
5. Turn the tank upside down and insert casters on to the two front feet and secure with the supplied screws. Verify that they are mounted correctly. Do not over-tighten (figure 5).
6. Insert the rear wheel support block and secure with the supplied screws. Verify that they are mounted correctly. Do not overtighten (figure 6).
7. Insert the wheel shaft (23) into the rear support block (25). Put washer (13) and then the wheel (12) on the shaft. Insert the 'R' lock pin into the hole on the end of the shaft to lock the wheel. Snap the wheel cover (15) on to the wheel. Repeat the same at the other end of the shaft (figure 7a and 7b).
8. Insert the push main handle into the handle socket mounted on the tank body. Push down until the lock pin clicks in place (figure 8).
9. Insert the handle into the slots on the power head and pressure into place (figure 9).
10. For dry vacuum cleaning, install the supplied 3-layer cartridge filter (figure 10).
11. For wet vacuum cleaning, install the supplied foam filter (figure 11).
12. Replace the top section on the tank (figure 12).
13. Align the top section with the clasps, and snap into place by applying pressure until the clasps click (figure 13).
14. Insert the large end of the hose into the front inlet of the tank, and turn to lock (figure 14).
15. Fit the required accessory on to the suction tube (figure 15).



## OPERATING INSTRUCTIONS – DRY VACUUMING

### BEFORE STARTING



#### WARNING!

Ensure to read, understand, and apply the safety instructions in Section 1.

**Reminder: DO NOT vacuum hazardous substances. The use of an incorrect filter will invalidate the warranty.**

1. Verify that the power cord is disconnected from the outlet (figure 1).
2. Ensure that the cartridge filter is completely mounted. Ensure that the filter is inserted all the way (figure 2, figure 3).
3. Verify that the dust bag is installed to the inside of the tank (figure 4).
4. Replace the top section on the tank, and secure it in place using the clasps (figure 5).
5. Insert the larger end of the hose into the front inlet on the tank and lock it in place. Push the required attachment onto the free end of the hose or extension (figure 6).
6. Plug the power cord into the power outlet (figure 7).
7. Turn the motor on by flipping the switch to the “I” position (figure 8).
8. Once you have finished vacuuming, flip the switch to the “O” position and unplug the power cord from the power outlet.

**DO NOT use the cartridge filter for wet or sharp materials.**

**0 = OFF    I = ON**



## OPERATING INSTRUCTIONS – WET VACUUMING

### BEFORE STARTING

#### WARNING!

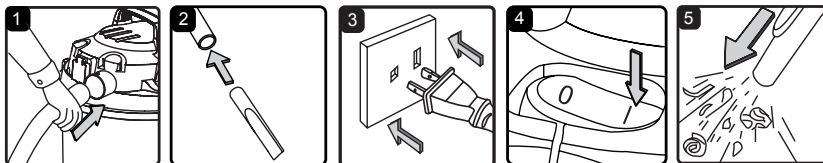
Ensure to read, understand, and apply the safety instructions in Section 1.

Reminder: DO NOT vacuum hazardous substances.

1. Ensure that the power cord is disconnected from the power outlet. Ensure that the tank is clean and free of dust and dirt (figure 1).
2. Remove the cartridge filter and dust bag. Install a foam filter over the filter basket and place the top section back on the tank (figure 2). DO NOT use the cartridge filter for wet materials.
3. Fit the desired nozzle to the vacuum hose (figure 3).
4. Ensure that the switch is in the “O” position before plugging the power cord into the power outlet (figure 4).
5. Turn the motor on by flipping the switch to the “I” position (figure 5).
6. After use, flip the switch to the “O” position and unplug the power cord, then empty and dry the tank. (figure 6, figure 7, figure 8).

When vacuuming large quantities of liquid from a sink or container, etc., do not immerse the nozzle completely into the liquid; leave a gap at the top of the nozzle opening to allow for air inflow. The machine is fitted with a float valve that stops the suction action when the tank reaches its maximum capacity. An increase in motor speed will be noticed. When this occurs, turn off the machine, disconnect from the power supply, remove the head from the tank and empty the liquid into a suitable receptacle or drain. To continue vacuuming, refit the head and proceed. After wet vacuuming, turn the machine off and remove the plug from the power supply. Empty the tank and clean and dry the inside and the outside before storage.

**Remember!** The foam filter must be removed after wet vacuuming and a cartridge filter must be installed before dry vacuuming again.



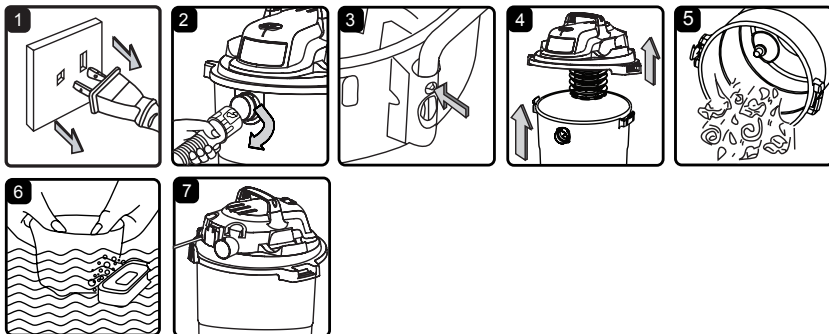
1. Insert the large end of the hose into the blower connection in the top of the motor housing (figure 1).
2. Fit the desired nozzle to the vacuum hose (figure 2).
3. Ensure the power switch is turned off and plug in the power supply (figure 3).
4. Turn the motor on by flipping the switch to the "I" position (figure 4).
5. The unit will now blow through the vacuum hose and can be used to clear obstructions within the hose (figure 5).

**WARNING!** If after a few seconds the hose continues to be blocked, turn off the unit and clear the hose manually.

## BLOWER OPERATION

# 12

## MAINTENANCE



1. Ensure that the power cord is disconnected from the outlet (figure 1).
2. Disconnect the hose from the tank (figure 2).
3. Push the lock pin on the handle socket down and take off the handle (figure 3).
4. Undo the clasps and remove the top section from the tank (figure 4).
5. Clear all dirt or debris from the tank and hose (figure 5).
6. Clean the foam filter by washing it with a mild soapy solution (figure 6).
7. Check the hose, attachments and the power cord to ensure that they have not been damaged (figure 7).

**IMPORTANT! CLEAN THE CARTRIDGE FILTER REGULARLY. IF THE MACHINE IS USED WITHOUT THE CARTRIDGE FILTER, THE MOTOR WILL BURN OUT AND THE WARRANTY WILL BE VOIDED. ALWAYS ENSURE TO KEEP SPARE FILTERS HANDY.**

### REPLACEMENT FILTERS

Replace filters regularly.

3-layer cartridge filter (054-0156) (part # 15)

Foam Sleeve / Wet Filter (054-0035) (part # 10)

## MAINTENANCE

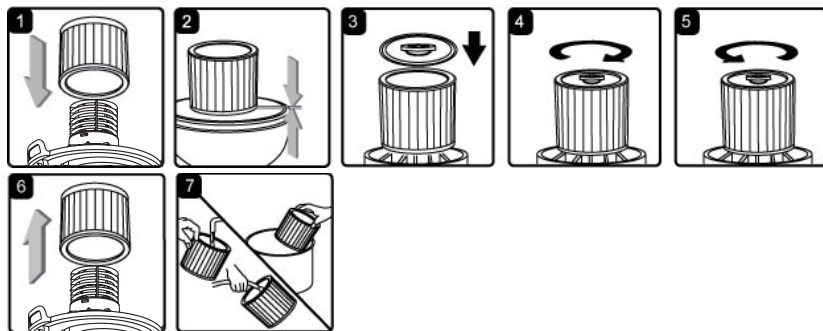


**WARNING!** Always disconnect the plug from the wall power outlet before removing the tank cover.

**NOTICE!** This filter is made of high quality paper designed to stop small particles of dust. The filter should be used for dry pick-up. It is necessary to use a dry filter to pick up dust as a wet filter will clog quickly and will be very difficult to clean. Handle the filter with care when removing it for cleaning or during installation. Check the filter for tears or small holes as even a small hole can allow dust to pass through and out of the cleaner. Do not use a filter with holes or tears, replace it immediately.

### INSTALLATION AND CLEANING

1. Slide cartridge filter down over filter cage (figure 1 & 2).
2. Place retainer on top of cartridge filter against hole of basket (figure 3).
3. Hold lid assembly and turn retainer clockwise until tight. Ensure that there is no gap between filter and lid assembly (figure 4).
4. To remove filter for cleaning again, hold lid assembly with one hand and turn retainer counter-clockwise (figure 5).
5. Slide cartridge filter off filter cage (figure 6).
6. Clean filter by tapping it on inside of trash can (figure 7).
7. Clean filter by rinsing from the inside (figure 7).
8. When wet (to prevent mold and/or mildew build-up), the cartridge filter should be moved and allowed to air dry for a 24-hour period before being re-installed back onto the filter cage.



# 14

## TROUBLESHOOTING

| SYMPTOM                                       | POSSIBLE CAUSES                                                                              | CORRECTIVE ACTION                                                                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wet/Dry vacuum will not operate.              | 1) No power supply.                                                                          | 1) Check power supply: cord, breakers, fuses.                                                                                                                                                |
|                                               | 2) Faulty power cord.                                                                        | 2) Check the power cord and repair or replace as necessary.                                                                                                                                  |
|                                               | 3) The tank is full of liquid.                                                               | 3) Empty the tank.                                                                                                                                                                           |
| Motor cover emits dust.                       | 1) The cartridge filter is missing or damaged.                                               | 1) Attach or replace the cartridge filter.                                                                                                                                                   |
| Reduced efficiency and motor/speed vibration. | 1) Blockage in the nozzle, hose or the tank inlet.<br>2) Filter may be blocked by fine dust. | 1) Check the nozzle, the hose and the tank or filter inlet for blockage.<br>2) Remove the filter, wash and clean it. Do not reuse until it is completely dry. Use a new filter if necessary. |

Additional accessories for your MasterVac™ Wet/Dry Vacuum are available.

### Consumables

|          |                                         |
|----------|-----------------------------------------|
| 054-0035 | Foam Sleeve / Wet Filter                |
| 054-0148 | Dry Reusable Filter                     |
| 054-0156 | Household Collector Bag                 |
| 054-0213 | Fine Dust High-efficiency Collector Bag |
| 054-0008 | Regular Wet/dry Cartridge Filter        |
| 054-0159 | Hepa Wet/dry Cartridge Filter           |

### 2 1/2" Accessories

|          |                                  |
|----------|----------------------------------|
| 054-0036 | Hose                             |
| 054-0046 | Bulk kit                         |
| 054-0004 | Crevice tool                     |
| 054-0013 | Round brush                      |
| 054-0033 | Car nozzle                       |
| 054-0039 | Extension wand                   |
| 054-0049 | Utility nozzle                   |
| 054-0057 | Hose connector                   |
| 054-0058 | Floor nozzle                     |
| 054-0082 | Hose grip                        |
| 054-0141 | Concentrator nozzle              |
| 054-0079 | Claw utility nozzle              |
| 054-0080 | 2-1/2" to 1-1/4" conversion unit |
| 054-0215 | Universal tool adapter           |
| 054-0226 | Drain Hero                       |
|          |                                  |
|          |                                  |

# EXPLODED VIEW



PREMIUM WET/DRY VACUUM - 054-0223-2

# 17

## PARTS LIST

| Item Number | Description                                         |
|-------------|-----------------------------------------------------|
| 1           | Handle                                              |
| 2           | Head assembly                                       |
| 3           | 53 L (14 U.S. gallon / 11 5/8 Imperial gallon) tank |
| 4           | Hose inlet assembly                                 |
| 5           | Drain outlet                                        |
| 6           | Casters (×2)                                        |
| 7           | Dolly-style Handle                                  |
| 8           | Accessory Storage Bin                               |
| 9           | Big Wheel Caddy Assembly                            |
| 10          | Foam Sleeve / Wet Filter                            |
| 11          | Crevice tool                                        |
| 12          | Hose                                                |
| 13          | Extension wand (×2)                                 |
| 14          | Cartridge Filter                                    |
| 15          | Household Collector Bag                             |
| 16          | Floor brush                                         |
| 17          | Air Control Handle                                  |
| 18          | Utility nozzle                                      |
| 19          | Accessory Storage Pouch                             |
| 20          | Noise Diffuser                                      |

**MASTERVAC™ LIMITED WARRANTY**

This MASTERVAC™ product is guaranteed **for a period of three (3 years from the date of original retail purchase) against defects in materials and workmanship.**

Subject to the conditions and limitations described below, this product, if returned to us with proof of purchase within the stated warranty period and if covered under this warranty, will be repaired or replaced (with the same model, or one of equal value or specification), at our option. We will bear the cost of any repair or replacement and any costs of labour relating thereto.

**This warranty is subject to the following conditions and limitations:**

- a) a bill of sale verifying the purchase and purchase date must be provided;
- b) this warranty will not apply to any product or part thereof which is worn or broken or which has become inoperative due to abuse, misuse, accidental damage, neglect or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions) or which is being used for industrial, professional, commercial or rental purposes;
- c) this warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product which are expected to become inoperative or unusable after a reasonable period of use;
- d) this warranty will not apply to routine maintenance and consumable items such as, but not limited to, fuel, lubricants, vacuum bags, blades, belts, sandpaper, bits, fluids, tune-ups or adjustments;
- e) this warranty will not apply where damage is caused by repairs made or attempted by others (i.e. persons not authorized by the manufacturer);
- f) this warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished product (unless otherwise specified in writing);
- g) this warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;
- h) this warranty will not apply to normal deterioration of the exterior finish, such as, but not limited to, scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners;
- i) this warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

**Additional Limitations**

This warranty applies only to the original purchaser and may not be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss or damage, including, without limitation, any indirect, incidental, consequential or exemplary damages arising in connection with the sale, use or inability to use this product.

**Notice to Consumer**

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

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