

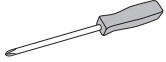
**ULINE** H-9461

## VACMASTER® 5 GALLON WET/DRY VACUUM

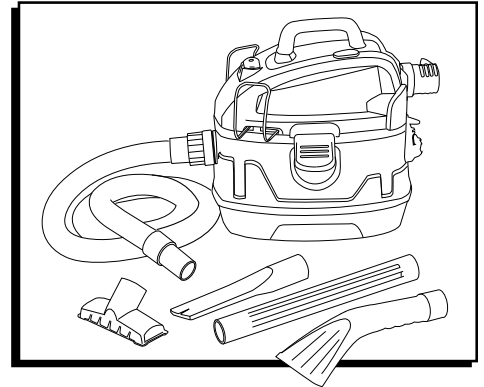
1-800-295-5510

uline.com

### TOOL NEEDED



Phillips Screwdriver



## SAFETY



**NOTE:** Read and understand these instructions and all labels on the wet/dry vacuum cleaner before operating.



**CAUTION!** When using an electrical appliance, basic precautions should always be followed, including the following:

- Do not run vacuum unattended.
- Do not use near flammable liquids, gases, or explosive vapors 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 powder. Sparks inside the motor can ignite flammable vapors or dust.
- Do not vacuum anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- Keep cord away from heated surfaces.
- Do not expose to rain. Store indoors.
- Do not unplug by pulling on 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.
- Do not run vacuum over cord.
- Do not handle plug or unit with wet hands.
- To reduce the risk of health hazards from vapors or dusts, do not vacuum toxic materials.
- Do not use or store near hazardous materials.
- Do not use this vacuum with a torn filter or without the filter installed, except when vacuuming liquids as described in the Operation section of these instructions.
- Do not allow to be used as a toy. Pay close attention when using near children.
- To reduce risk of injury from accidental starting, unplug power cord before changing or cleaning filter.
- Do not leave unit unattended when plugged in. Unplug when not in use and before servicing.
- Turn off unit before unplugging.
- Do not put any object into ventilation openings. Do not vacuum with any ventilation openings blocked. Keep free of dust, lint, hair or anything that may reduce airflow.
- Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
- To reduce the risk of falls, use extra care when cleaning on stairs.
- Unplug before connecting hose.
- Use only as described in these instructions. Use only manufacturer's recommended attachments.
- This vacuum is equipped with double insulation. Use only identical replacement parts. See "Double Insulation Instructions" on page 2.
- If appliance is not working as it should, has been dropped, damaged, left outdoors or dropped into water, call Uline Customer Service at 1-800-295-5510.

## SAFETY CONTINUED

### WHEN USING AS BLOWER:

- Direct air discharge only at work area.
- Do not use unit as a sprayer.
- Do not direct air at bystanders.
- Keep children away when blowing.
- Use safety goggles.

### DOUBLE INSULATION INSTRUCTIONS

This vacuum is double-insulated, eliminating the need for a separate grounding system. Use only identical replacement parts. Read these instructions before servicing double-insulated wet/dry vacuums. Use this unit as described in these instructions. Observe the following warnings that appear on the motor housing of the unit.



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




**CAUTION!** Do not vacuum drywall dust, fireplace soot or ash with a standard wet/dry filter. This is a very fine dust that will not be captured by the filter and may cause damage to the motor. When vacuuming fine dust, use a fine dust filter.



**WARNING!** With a double-insulated wet/dry vacuum, two systems of insulation are provided instead of grounding. No grounding is necessary on a double-insulated appliance. A means for grounding should not 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.



**WARNING!** Replacement parts for a double-insulated wet/dry vacuum must be identical to the parts they replace. Double-insulated wet/dry vacuum is marked with the words "Double insulated," and the  symbol may also be marked on the appliance.

- To reduce the risk of injury from moving parts, unplug before cleaning or servicing.
- Do not use without filters in place.

## EXTENSION CORDS

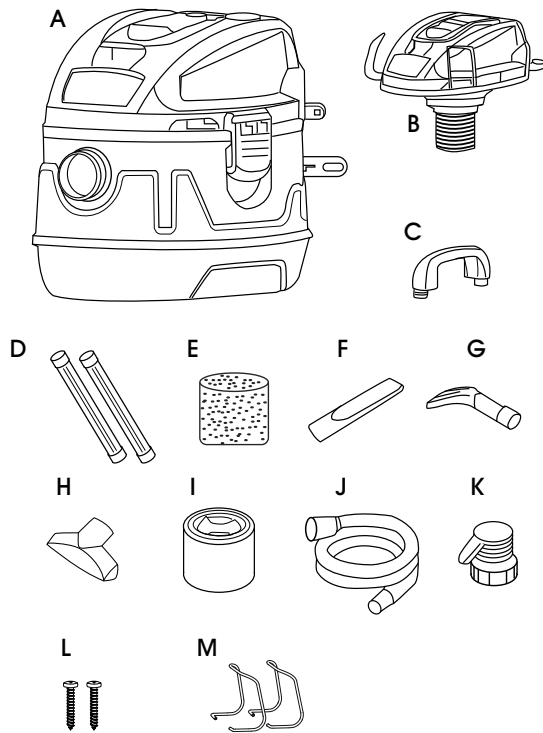
When using an extension cord with unit, refer to the following table to determine the required A.W.G. wire size. Before using, ensure power cord and extension cord are in good working condition. Make repairs or replacements before using the vacuum. Only use extension cords that are rated for outdoor use.

110-120V	LENGTH OF EXTENSION CORD			
	25'	50'	100'	150'
AMPS	A.W.G. WIRE SIZE			
0-6	18	16	16	14
7-10	18	16	14	12
11-12	16	16	14	12
13-16	14	12	Not Recommended	

## PARTS



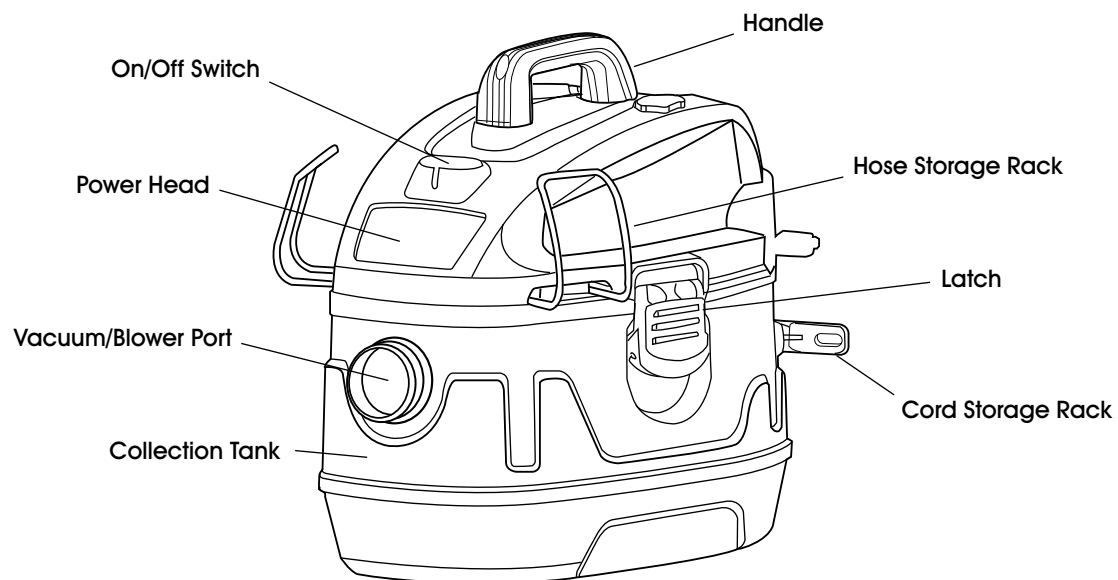
**NOTE:** Remove all contents from the box. Remove the power head and take out any contents within the collection tank. Check each item against the carton contents list below.



REF.	DESCRIPTION	QTY.
A	Vacuum Assembly	1
B	Filter Basket	1
C	Handle Assembly	1
D	Extension Wand	2
E	Foam Wet Filter	1
F	Crevice Tool	1
G	Car Nozzle	1
H	Utility Nozzle	1
I	Cartridge Filter	1
J	EVA Hose	1
K	Noise Diffuser	1
L	Screw (Bag of 2)	1
M	Hose Storage Rack	2

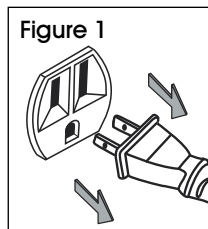


**NOTE:** The hose and accessories for this vacuum are 1 7/8" diameter.

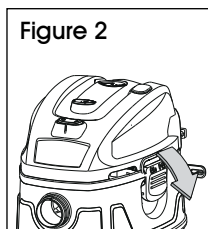


# ASSEMBLY

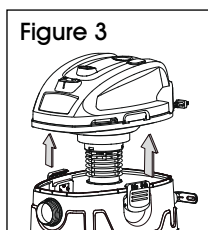
1. Verify that the power cord is disconnected from the outlet. (See Figure 1)



2. Undo the latches. (See Figure 2)

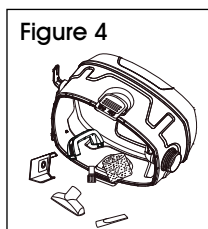


3. Lift the power head off collection tank. (See Figure 3)

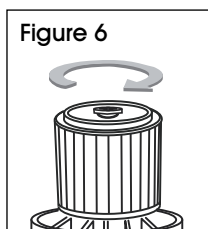
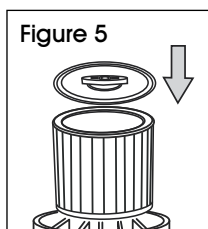


4. Remove contents from inside the collection tank and ensure all contents are present. (See Figure 4)

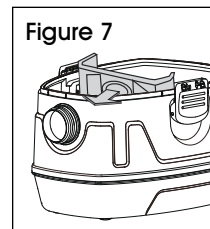
 **NOTE:** Vacuum comes ready for dry vacuum cleaning.



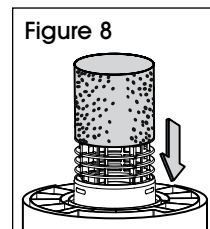
5. Place filter retainer on top of cartridge filter over the raised lip and tighten down by turning retainer clockwise. Do not overtighten. (See Figures 5-6)



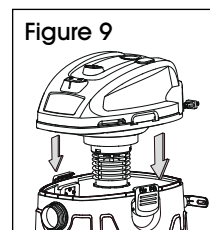
6. Optional: For improved dust filtering, fit collection bag flange onto the inlet port, taking care not to damage the bag. Dust bag sold separately. (See Figure 7)



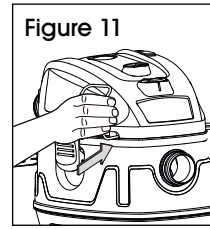
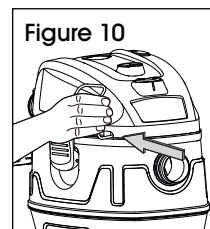
7. Optional: For wet vacuum cleaning, remove the cartridge filter and replace with the supplied foam wet filter. (See Figure 8)



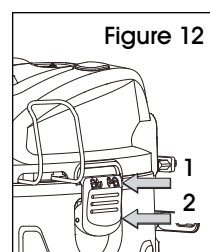
8. Place power head back on tank. (See Figure 9)



9. Position the hose storage rack as illustrated in Figure 10. Insert one side of the rack into the channel ensuring it is secured in place. Squeeze in the other end and insert it into the corresponding channel ensuring it is secured. (See Figures 10-11)

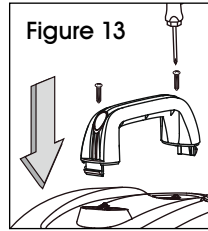


10. Align top section of power head with the latches, and snap into place. (See Figure 12)

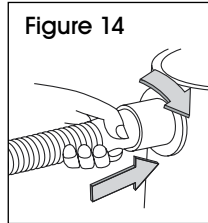


## ASSEMBLY CONTINUED

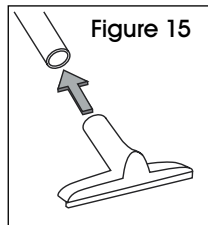
11. Insert the handle into slots located on top of the power head and secure it with the screws provided. Do not overtighten the screws. (See Figure 13)



12. Insert the locking end of the hose into the vacuum port and turn to lock into place. (See Figure 14)



13. Choose the desired accessories and extension wands and push onto the hose. (See Figure 15)



## NOISE DIFFUSER

For quiet operation, install the noise diffuser into the vacuum/blower port by inserting the locking end of the diffuser into the blower port and turning clockwise to lock into place.

## POLARIZED PLUG

To reduce the risk of electrical shock, this vacuum has a polarized plug (one blade wider than the other). This plug will fit in a polarized outlet only one way. If plug does not fit fully in outlet, reverse plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not alter the plug in any way. Double insulation eliminates the need for the three-wire grounded power cord and grounded power supply system.

## DRY VACUUM OPERATION

### BEFORE VACUUMING

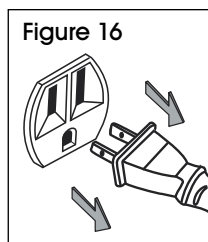


**WARNING!** Do not vacuum in areas with flammable gases, vapors or explosive dusts in the air. Flammable gases or vapors include, but are not limited to, lighter fluid, solvent type cleaners, oil-based paints, gasoline, alcohol or aerosol sprays. Explosive dusts include, but are not limited to, coal, magnesium, grain or gun powder. To reduce the risk of health hazards from vapors or dust, do not vacuum toxic materials.



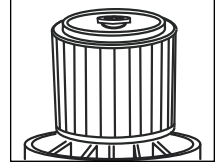
**WARNING!** Do not vacuum drywall dust, fireplace soot or ash with a standard wet/dry filter. This is a very fine dust that will not be captured by the filter and may cause damage to the motor. When vacuuming fine dust, use a fine dust filter.

1. Verify that the power cord is disconnected from the outlet. (See Figure 16)



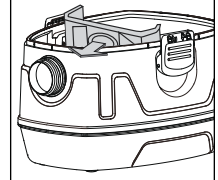
2. To prepare for dry vacuuming, verify that the cartridge filter is securely mounted. Ensure the filter is pushed in until it stops against the power head. Unit comes with the cartridge filter pre-installed. (See Figure 17)

Figure 17



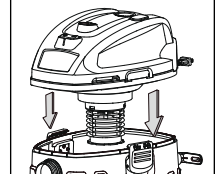
3. Optional: For improved dust filtering, fit collection bag flange onto the inlet port, taking care not to damage bag. (See Figure 18)

Figure 18



4. Place the power head back on collection tank, aligning the top section with latches, and snap into place. (See Figure 19)

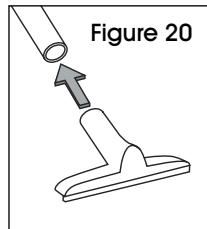
Figure 19



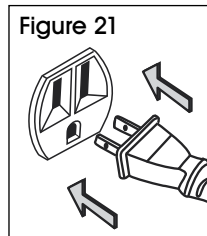
## DRY VACUUM OPERATION CONTINUED

### DRY VACUUM OPERATION

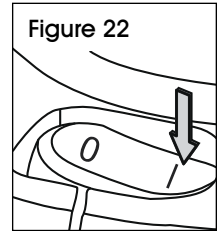
1. Insert the locking end of the hose into the vacuum port and lock in place. Push the required attachment onto the free end of the hose or extension. (See Figure 20)



2. Plug the power cord into the outlet. (See Figure 21)



3. Turn the motor on by flipping the switch to the on position. (See Figure 22)
4. Once vacuuming is completed, flip the switch to the off position and unplug the power cord from the outlet.



**WARNING!** Do not use the cartridge filter or dust bag for liquid vacuuming.

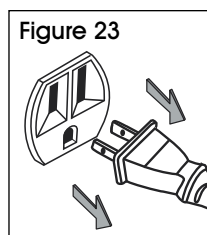
## LIQUID VACUUM OPERATION

### BEFORE VACUUMING

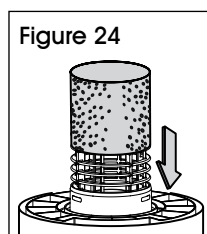


**WARNING!** Do not vacuum in areas with flammable gases, vapors or explosive dusts in the air. Flammable gases or vapors include, but are not limited to, lighter fluid, solvent type cleaners, oil-based paints, gasoline, alcohol or aerosol sprays. Explosive dusts include, but are not limited to, coal, magnesium, grain or gun powder. To reduce the risk of health hazards from vapors or dust, do not vacuum toxic materials.

1. Verify that the power cord is disconnected from the outlet. (See Figure 23) Ensure the collection tank is clean and free from dust and dirt.

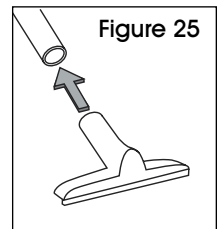


2. Remove cartridge filter and collection bag (if present), then carefully install the foam wet filter over the filter cage and place the power head back on the collection tank. (See Figure 24)

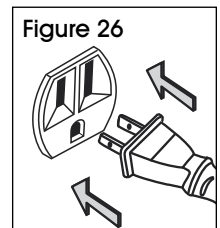


**NOTE:** Do not use the cartridge filter or dust bag for liquid vacuuming.

3. Fit the desired nozzle to the vacuum hose. (See Figure 25)

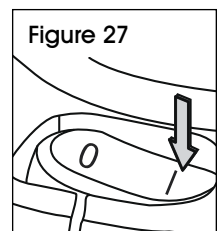


4. Verify that the switch is in the off position before plugging the power cord into the outlet. (See Figure 26)

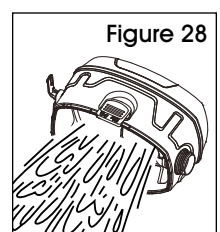


### WET VACUUM OPERATION

1. Turn the motor on by flipping the switch to the on position. (See Figure 27)



2. Once vacuuming is completed, flip the switch to the off position and unplug the power cord from the outlet. Empty the collection tank into a suitable receptacle or drain. (See Figure 28)



## LIQUID VACUUM OPERATION CONTINUED



**IMPORTANT!** When vacuuming large quantities of liquids, do not immerse the nozzle completely in the liquid; leave a gap at the tip of the nozzle opening to allow air inflow. The machine is fitted with a float valve that stops the suction action when the collection tank reaches its maximum capacity. An increase in motor speed may take place. When this happens, turn off the machine, disconnect from outlet and drain the liquid into a suitable receptacle or drain. To continue vacuuming, refit the power head to the collection tank. After wet vacuuming, turn the machine off and remove plug from outlet. Empty the collection tank, clean and dry the inside and outside before storage.



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

## BLOWER OPERATION



**WARNING!** Always wear safety goggles complying with ANSI Z87.1 (or in Canada, CSA Z94.3) before using blower.

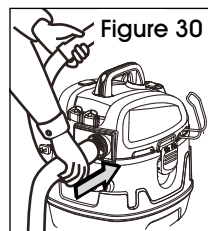
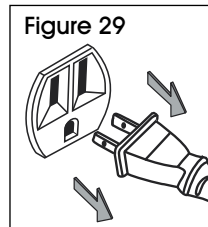


**WARNING!** Keep bystanders clear from blowing debris.

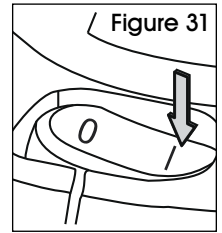


**WARNING!** Wear a dust mask if blowing creates dust that might be inhaled.

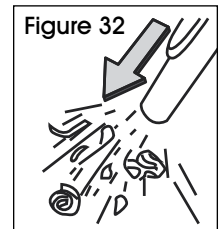
1. Verify that the power cord is disconnected from the outlet. (See Figure 29)
2. Ensure collection tank is empty before using as a blower.
3. Remove hose from the vacuum port. Remove noise diffuser from blower port.
4. Insert larger end of hose into blower port on back side of power head and lock into place. (See Figure 30)



5. Fit the desired extension wand and/or nozzle to the vacuum hose.
6. Verify that the switch is in the off position before plugging the power cord into the outlet.
7. Before turning on the vacuum, firmly hold loose end of the hose. Turn the motor on by flipping the switch to the on position. (See Figure 31)



8. The unit will now blow through the vacuum hose and can be used to clear obstructions within the hose. (See Figure 32)
9. Once blowing is complete, flip the switch to the off position and unplug the power cord from the outlet.



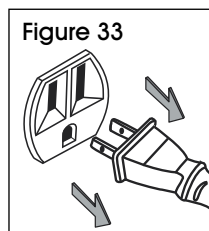


## EMPTYING THE COLLECTION TANK

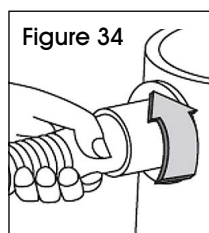


**WARNING!** Ensure power cord is disconnected before changing the filters.

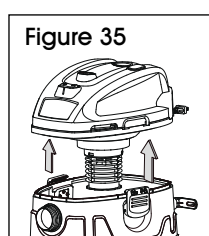
1. Verify that the power cord is disconnected from the outlet. (See Figure 33)



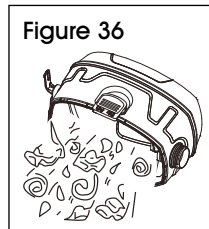
2. Disconnect the hose from the vacuum by turning in a counterclockwise direction. (See Figure 34)



3. Undo the latches and remove the power head from the collection tank. (See Figure 35)



4. Clear all dirt or debris from collection tank and hose. (See Figure 36)
5. Clean or replace filter.
6. Check the hose, attachments and power cord to verify that they have not been damaged.
7. Place power head back onto collection tank and secure latches.



**IMPORTANT!** Clean or change the cartridge filter regularly for best performance.



**WARNING!** Always use cartridge filter for dry vacuuming. If the machine is used without the cartridge filter, the motor will burn out and the warranty will be voided. Always keep spare filters on hand.



**NOTE:** Filters included are made of high-quality materials designed to stop small dust particles. The cartridge filter should be used for dry pickup only. A dry cartridge filter is necessary to pick up dust. If the cartridge filter is wet, it will clog quickly and be difficult to clean. Handle the filter carefully when removing it for cleaning and replacement. Check the filter for tears or small holes. A small hole can let dust pass through and out of the filter. Do not use a filter with holes or tears; replace it immediately.



**WARNING!** Always disconnect plug from outlet before removing power head from collection tank.

## CORD STORAGE

1. When unpacking the wet/dry vacuum, the cord storage hooks will be turned inward.
2. To use the cord storage, rotate both hooks outward until they click into place. (See Figures 37-38)

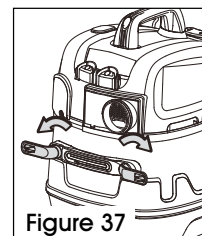


Figure 37

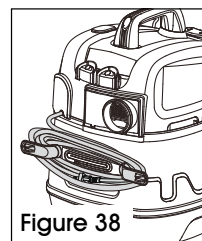


Figure 38

3. When ready to use vacuum, simply rotate one hook inward to quickly release the cord. (See Figure 39)

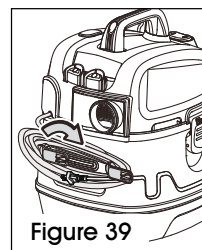


Figure 39

## STORAGE

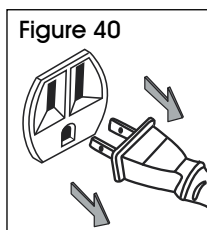
Before storing, empty and clean collection tank. Hose should be wrapped with storage racks. Store accessories so they can be readily available when needed. Store vacuum indoors.



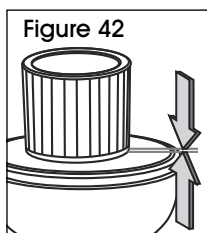
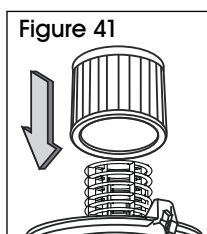
# INSTALLING AND CLEANING CARTRIDGE FILTER

## INSTALLING CARTRIDGE FILTER

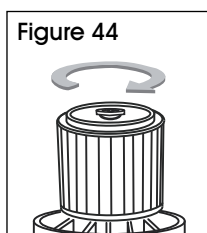
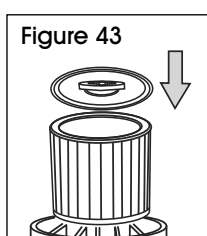
1. Verify that the power cord is disconnected from the outlet. (See Figure 40)
2. Remove power head and place in upside down position.



3. Install the cartridge filter over the filter cage with the flat end of the filter toward the power head. Carefully push filter in until it stops against the power head. (See Figures 41-42)



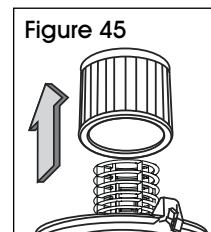
4. Place filter retainer on top of cartridge filter over the raised lip and tighten down by turning retainer clockwise. Do not overtighten. (See Figures 43-44)



## REMOVING/CLEANING CARTRIDGE FILTER

1. Unlock and remove the filter retainer by turning retainer handle counterclockwise.

2. Carefully hold and pull the cartridge filter up for removal. (See Figure 45)



3. Clean the cartridge filter by gently tapping or brushing off dirt. Cleaning should not be done indoors in living areas. For optimal performance, a new filter is recommended.
4. Install cleaned or new filter as instructed above in steps 2 and 3 of Installing Cartridge Filter.
5. Wet filters should be removed and allowed to air dry for 24 hours before installing onto the filter cage.



**IMPORTANT!** Clean or change the cartridge filter regularly for best performance.



**WARNING!** Always use cartridge filter for dry vacuuming. If the machine is used without the cartridge filter, the motor will burn out and the warranty will be voided. Always keep spare filters on hand.

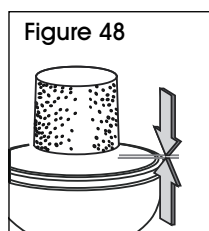
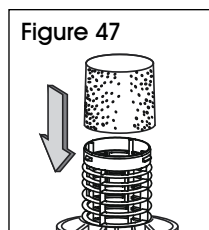
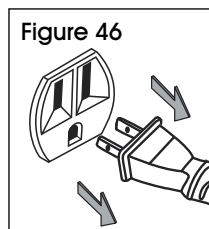


**WARNING!** Always disconnect the plug from the outlet before removing the power head from the collection tank.

# INSTALLING AND CLEANING FOAM WET FILTER

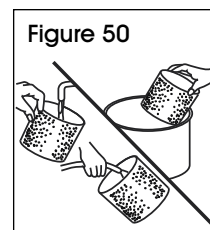
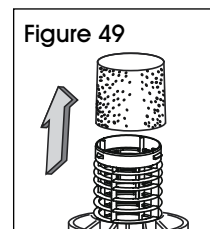
## INSTALLING FOAM WET FILTER

1. Verify that the power cord is disconnected from the outlet. (See Figure 46)
2. Remove power head and place in upside down position. Follow instructions to remove cartridge filter.
3. Carefully slide foam wet filter down over the filter cage, ensuring the cage is completely covered. (See Figures 47-48)



## CLEANING FOAM WET FILTER

1. With the removed power head in an upside down position, carefully remove foam wet filter. (See Figure 49)
2. Use a mild soap and water solution to wash foam wet filter and rinse with clean water. (See Figure 50)
3. Allow filter to air dry before installing and using again.



## TROUBLESHOOTING



**WARNING!** To reduce the risk of electric shock, unplug before troubleshooting.

OPERATING ISSUE	CAUSES	RECOMMENDATIONS
Vacuum will not operate.	No power supply. Faulty power cord.  Collection tank is full.	Check power supply: cord, breakers and fuses. Unplug and check the power cord. If damaged, have it repaired by a professional. Empty collection tank.
Dust comes out from motor cover.	The cartridge filter is missing or damaged.	Attach or replace cartridge filter.
Reduced efficiency, speed and/or motor vibration.	There is a blockage in the nozzle, hose or collection tank inlet.  The cartridge filter is clogged by fine dust.	Check nozzle, hose and collection tank inlet for blockage.  Remove the filter and clean it, or install a new cartridge filter.

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