



# INSTRUCTIONS MANUAL

TYL-K411

## WET&DRY Vacuum Cleaner

Compact and Powerful



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## **IMPORTANT SAFETY INSTRUCTIONS**

When using any electrical appliance, basic safety precautions should always be followed including the following:

1. Read all instructions.
2. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
3. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
4. Disconnect the power plug after use and before every cleaning. Pull the plug, not the cord, in order to disconnect the appliance from the power supply.
5. Disconnect the power plug from the power source before making adjustments, changing accessories or storing the tool.
6. Keep ventilation openings clear of dust, hair, paper or anything else that may restrict air flow.
7. Do not put objects into openings. Do not use when any opening is blocked. Keep free of dust, lint, hair and anything that may reduce air flow.
8. Keep hair, clothing, fingers and all parts of the body away from openings and moving parts.
9. Do not vacuum any sharp-edged, hot or incandescent materials.
10. Do not vacuum toxic materials.
11. Do not use without dust bag and/or filters in place.

12. Do not vacuum any flour, cement and the like, in order to avoid overloading.
13. Do not expose vacuum to rain or wet conditions.
14. The appliance should only be cleaned with a dry or damp cloth; it should never be immersed in water. Do not use any solvents for cleaning.
15. This appliance is intended for domestic use only and not for commercial applications.
16. Do not abuse the cord. Never use the cord to carry the tool or pull the plug from an outlet. Keep the cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately.

## PARTS AND FEATURES



- 1 – Powerhead
- 2 – On/Off button
- 3 – Safety Float Cup
- 4 – Filter Basket
- 5 – Collection Tank
- 6 – Vacuum Port
- 7 – Locking Latches(2)
- 8 – Handle
- 9 – Sponge Sleeve Filter
- 10 – Casters (4)

- 11- Extension Wands/Metal Tubes (3)
- 12 – Flexible Vacuum Hose
- 13 – Disposable Paper Filter Bag
- 14 – Floor Nozzle
- 15 – Multi-purpose Brush Nozzle
- 16 – Power Cord
- 17- Blow Port (in black)
- 18 – Air Flow Control Hatch
- 19 – Hose Nozzle

## UNPACKING THE WET/DRY VACUUM

1. Remove the wet/dry vacuum out of the package.
2. Unlock the latches and remove the powerhead.
3. Remove the contents from inside the tank and make sure all parts and accessories are complete.

## ASSEMBLY

1. Turn the tank upside down and snap and secure all 4 casters inside the 4 bottom holes. Lift and put the tank on its casters.



2. For Wet and Dry Vacuum cleaning, attach the supplied foam filter.

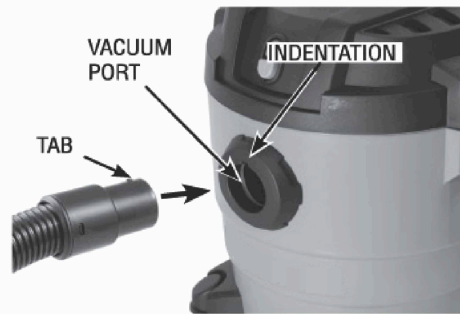
3. For Dry Vacuum cleaning, fit the supplied paper collection filter bag or dust collection filter bag.



4. Reinstall and securely latch the powerhead onto the collection tank with the On/Off switch centered over the vacuum port on the side of the tank.



5. Line up the tab on the end of the vacuum hose with the indentation in the vacuum port on the side of the tank. Insert the hose into the hose (clockwise)  $\frac{1}{4}$  turn to lock securely in place.



6. Choose the desired nozzle and push it onto the hose nozzle.

### **Storing Accessories**

Slide all accessories onto the posts over the casters for storage.



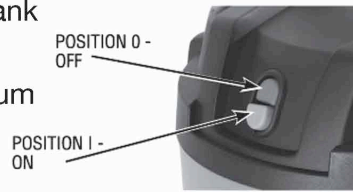
## **OPERATING THE WET/DRY VACUUM**

### **Vacuumping Dry Materials**

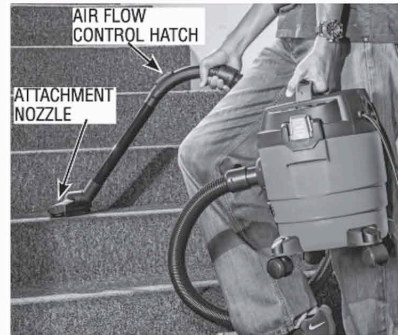
1. Verify that the power cord is disconnected from the outlet.
2. Make sure the foam sleeve is clean and dry and installed over the filter basket.
3. Insert the collection filter bag into the tank and fit the dust bag flange onto the inlet stub taking care not to damage the bag.



4. Reinstall the powerhead onto the tank and latch into place.
5. Attach the vacuum hose to the vacuum port on the side of the tank. Attach the required attachment nozzles onto the vacuum hose nozzles.



6. Plug the power cord into the outlet.
7. Set the power switch to ON (position 1).
8. Place the face of the attachment nozzle flat against the surface to be cleaned and start vacuuming by slowly moving attachment nozzle back and forth. You may change the air suction power by adjusting the hatch over the air flow control opening located on the top of the vacuum hose nozzle.



9. When you have finished vacuuming, press the switch to OFF (position 0) and unplug from the outlet.

**Note:** A dry filter is necessary to pick up dry material. If you use your vacuum to pick up dust when the filter is wet, the filter will clog quickly and be very difficult to clean. If your filter is wet but you need to use the vacuum to pick up dry material, you can quickly dry the filter by running the vacuum without the hose attached for about 10 minutes. The clean air rushing through the vacuum will help dry the filter.

When using your vacuum to pick up fine dust, it will be necessary for you to empty the tank and clean the foam filter at more frequent intervals to maintain peak vacuum performance.

**CAUTION!** Check the collection filter bag regularly and dispose of it safely when the bag is 2/3 full. The collection filter bag is manufactured so that only air will pass through the paper.

**WARNING!** Do not use the collection filter bag for wet and sharp materials.

### Vacuumping Liquids

1. Verify that the power cord is disconnected from the outlet.
2. Release the locking latches and remove the powerhead from the tank and set aside. Make sure the tank is clean and free from dust and dirt.
3. Remove collection filter bag, if it is already installed. Make sure foam filter is installed. Reinstall the powerhead and latch securely to the tank.
4. Attach the vacuum hose to the vacuum port.
5. For your application, attach the desired accessories to the vacuum hose. Make sure air flow control hatch on the hose nozzle is closed.
6. Connect the vacuum to the power. Turn on the power switch on the vacuum powerhead and start vacuuming the liquid.
7. To vacuum large amounts of water quickly, do not attach any nozzle. See lower picture.

AIR FLOW CONTROL HATCH



**CAUTION!** *After wet vacuuming, remove the foam sleeve filter to dry before reattaching.*

### **Automatic Suction Shut-off**

This vacuum is equipped with an automatic suction shut-off float cup which is located inside the filter cage which floats upward and stops the suction action when the tank has reached its maximum capacity of liquid. Make sure the float cup is moving freely and clean at all times.

When automatic shut-off is activated, the motor speed increases. Perform the following:

1. Turn off the vacuum immediately and unplug the power cord from the power source.
2. Remove the vacuum powerhead and set aside and empty the tank contents from liquid.
3. Make sure that inside of the tank and filter are clean. Reinstall the powerhead.
4. Plug the power cord into the power source and continue vacuuming.

This feature is also activated when vacuum accidentally tips over on its side during operation. If that happens, lift and set the vacuum on its wheels. Set the On/Off switch to Off position, wait for a few seconds for the float cup to fall down inside the filter basket to unblock the internal vacuum port. Finally, set the On/Off switch to On position and continue vacuuming.

## **Blowing Operation**

This wet/dry has blowing capabilities. To use the blower feature, follow the instructions listed.

1. Verify that the power cord is disconnected from the outlet.
2. Make sure the tank is empty before using a blower.
3. Remove hose from the vacuum port.
4. Insert the large end of the hose into the blowing port on the back side of the powerhead and screw into position.
5. Fit the desired extension wand and/or nozzle to the vacuum hose.
6. Verify that the switch is on the "OFF" position (position 0) 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 (position 0) and unplug from the power supply.

## **Emptying the Tank**

***Warning! To reduce the risk of injury from accidental starting, unplug the power cord before emptying the tank.***

***To reduce the risk of back injury or falls, do not lift a vacuum with liquid or debris.***

1. Remove the powerhead assembly.
2. Dump the tank contents into the proper waste disposal container.
3. Clean the interior of vacuum if necessary and reinstall the powerhead.

## **Automatic Reset Thermal Protection**

This vacuum cleaner is equipped with an Automatic Reset Thermal Protector. This thermal protector is designed to protect your vacuum cleaner motor from overheating due to a non-stop vacuuming operation in hot environment or due to a cut-off in airflow (i.e. over-filled bag/tank, clogged filter, clogged hose/nozzle or clogged powerhead air inlet/outlet). Should this situation occur, the thermal protector safely shuts off the vacuum cleaner automatically to prevent any potential damage to the motor.

If the vacuum stops due to overheating:

1. Disconnect the vacuum cleaner from power.
2. Set the vacuum On/Off switch to Off (0) position.
3. Remove the powerhead and set aside in open air for at least an hour for motor to cool down.
4. Meanwhile, check for problems; over-filled bag or clog in various points in the vacuum.
5. After an hour cool-down time, reinstall the powerhead on the tank.
6. Reconnect vacuum cleaner to power.
7. Set the On/Off switch to On (0) position and resume vacuuming.

## **CLEANING AND MAINTENANCE**

***WARNING! Do not remove the filter cage. It is there to help prevent your fingers from getting into the blower wheel. Always unplug the wet/dry vacuum before removing the powerhead from the tank.***

- Make sure the vacuum is unplugged from the power source.

- Disconnect the hose from the tank.
- Undo the latches and remove the powerhead from the tank.
- Remove any dirt or debris from the tank and hose.
- Check the hoses, attachments and power cable for any damage.
- Clean exterior and interior of the vacuum using a slightly damp cloth. Do not use any harsh chemical to clean the vacuum.

### Installing Filter

**WARNING!** *To reduce the risk of injury from accidental starting, unplug the power cord before changing or cleaning the filter.*

**NOTE:** This filter is made of high quality foam designed to stop small particles of dust. The filter should be used for dry pickup. A dry filter is necessary to pick up dust as when the filter is wet, the filter will clog quickly and be difficult to clean.

1. Verify that the power cord is disconnected from the outlet.
2. Remove the powerhead and place in upside down position.
3. Install the foam filter over the filter cage. Carefully pull filter down until it stops against the powerhead.



### Removing and Cleaning Filter

1. Verify that the power cord is disconnected from the outlet.
2. Remove the powerhead and place in upside down position.
3. Carefully hold and pull the foam filter up for removal.

4. Clean the filter by gently tapping or brushing dirt off. Cleaning should be done indoors in living areas. For optimal performance, a new filter is recommended.
5. Install cleaned or new filter into place as instructed above in steps 2 and 3 of Installing Filter.
6. Wet filters should be removed and allowed to air dry for 24 hours before installing onto the filter cage.

## TROUBLESHOOTING

<b>Problem</b>	<b>Possible reason</b>	<b>Possible solution</b>
Vacuum will not operate	<ul style="list-style-type: none"> <li>• No power supply.</li> <li>• Faulty power cable, switch or motor.</li> <li>• The tank is full of liquid.</li> <li>• The motor is overheated and thermal protection is activated.</li> </ul>	<ul style="list-style-type: none"> <li>• Check power supply.</li> <li>• Check and repair or replace faulty item.</li> <li>• Empty tank.</li> <li>• Wait for the motor to cool down for an hour and then reset the vacuum On/Off power switch.</li> </ul>
Dust blows out from the powerhead	<ul style="list-style-type: none"> <li>• Dust bag is missing, damaged or installed incorrectly.</li> </ul>	<ul style="list-style-type: none"> <li>• Fit or replace dust bag.</li> </ul>
Reduced efficiency and increased motor/speed or vibration.	<ul style="list-style-type: none"> <li>• Dust bag is full.</li> <li>• Nozzle, hose or tank inlet blocked.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace dust bag.</li> <li>• Check nozzle, hose and tank for blockage.</li> </ul>