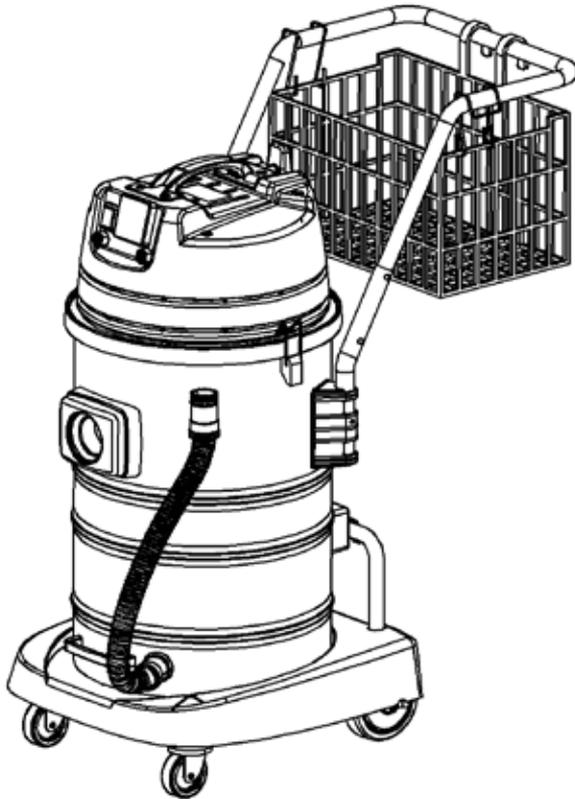

Alpha[®] HEPA Wet/Dry Vacuum Manual



Part No: HWD1120/HWD1240
Version 1

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INTRODUCTION

Thank you for purchasing an Alpha® HEPA Wet/Dry Vacuum for Pneumatic and Power Tools. This vacuum cleaner is a high-quality, precision made product. All parts used in the manufacturing of this vacuum cleaner have passed rigid quality control standards prior to assembly and an “each unit” final inspection prior to packaging is your assurance of proper assembly. This vacuum cleaner was protectively packaged to prevent possible damage in transit. Should damage occur, please notify the transporting carrier immediately for loss and/or claim.

► ABOUT THE SYMBOLS

According to the hazard level, all safety notes in this manual are classified into “DANGER”, “WARNING”, and “CAUTION”.

 **DANGER!** Death or serious personal injury is imminent when handling this vacuum incorrectly.

 **WARNING!** There is a possibility of death or serious personal injury when handling this vacuum incorrectly.

 **CAUTION!** There is a possibility of personal injury or property damage when handling this vacuum incorrectly.

Note: *In some situations, failing to observe WARNING notes could result in death or serious personal injury. Be sure to read and observe the safety notes to ensure safety and correct use of the polisher.*

► GENERAL SAFETY INSTRUCTIONS

When using an electrical appliance, basic precaution should always be followed, including the following:

**READ ALL INSTRUCTIONS
BEFORE USING THIS VACUUM CLEANER**

WARNING

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

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not expose to rain. Store indoors.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, contact the Alpha® Tool Department.
6. Do not pull or carry by cord, use as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliances over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers and all parts of the body away from openings and moving parts.

11. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
12. Do not use dry without dustbag and/or filters in place.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not use to pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.
16. This vacuum is for commercial use only.
17. Connect to a properly grounded outlet only. See grounding instructions.

SAVE THESE INSTRUCTIONS

► SAFETY INSTRUCTIONS FOR ELECTRIC TOOLS

1. **KNOW YOUR POWER TOOL.** Read owner's manual carefully. Learn its applications and limitations as well as specific potential hazards particular to this tool.
2. **KEEP WORK AREA CLEAN.** Cluttered areas invite accidents. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow
3. **AVOID DANGEROUS ENVIRONMENTS.** Do not use tool in presence of flammable liquids or gases. Keep the area well lit.
4. **KEEP CHILDREN AND VISITORS AWAY.** All visitors should be kept a safe distance from the work area. Keep out of reach of children.
5. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
6. **WEAR PROPER APPAREL.** Do not wear loose clothing or jewelry as it can get caught in moving parts. Rubber gloves and insulated non-skid footwear are recommended. Wear protective covering to contain long hair.

- 7. WEAR PROPER EYE PROTECTION.** Use safety glasses at all times. Also, use a face mask if work area is dusty.
- 8. DON'T OVERREACH.** Keep proper footing and balance at all times.
- 9. DISCONNECT TOOLS WHEN NOT IN USE.** Always disconnect tool before servicing; when changing accessories such as grinding wheels, backer pads, etc.
- 10. MAINTAIN TOOLS WITH CARE.** Keep tools clean at all times for best and safest performance. Follow instructions for lubricating and changing accessories. Keep handles dry, clean and free of oil or grease. Inspect moving parts for alignment and binding as well as for breakage and improper mounting.
- 11. AVOID ACCIDENTAL STARTING.** Don't carry a "connected" tool, or make adjustments, or change discs without making sure the air valve is in the off position to prevent the flow of air.
- 12. USE ONLY RECOMMENDED ACCESSORIES.** The use of any accessories other than what is listed or recommended for this particular tool may be hazardous.
- 13. KEEP HANDS AWAY FROM ALL MOVING PARTS.**
- 14. STAY ALERT.** Watch what you are doing and use common sense. Do not operate tool when you are tired, or under the influence of medication or alcohol.

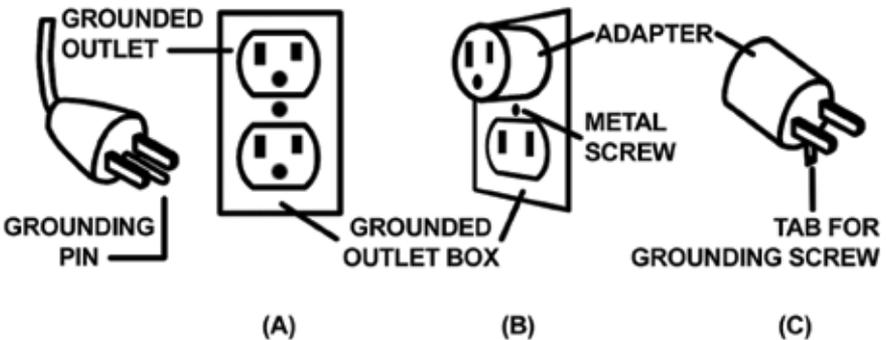
► GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having equipment grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

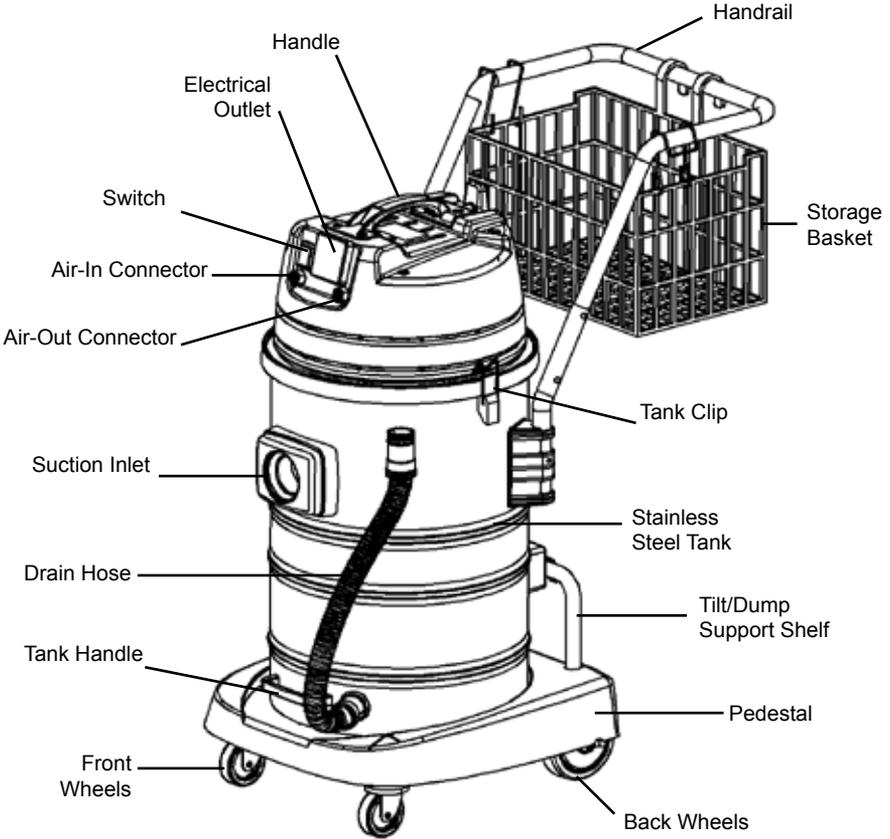
This appliance is for use on a nominal 120/240 Volt circuit, and has a grounded plug that looks like the plug illustrated in sketch A below. A temporary adapter that looks like the adapter illustrated in sketches B and C may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded receptacle is not available. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored ear, lug, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover.

Whenever the adapter is used, it must be held in place by a metal screw.

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



HEPA WET/DRY VACUUM OVERVIEW



► SPECIFICATIONS

Model.....	HWD1120 / HWD1240
Capacity	15 Gallon / 60 Liters
Rating	120 / 240 Volts
Amperage.....	10 / 5
Frequency	50Hz - 60Hz
Power	1200W
Weight	34 lbs / 15.5 kgs
Cord Length.....	50ft / 15m
Hose Diameter	1.5in x 10ft / 38mm x 3m
Tank Diameter	13.75" / 350mm
Air Flow Rate.....	.95 CFM
Water Lift	80"

HEPA WET/DRY VACUUM ACCESSORIES



COMPONENTS:

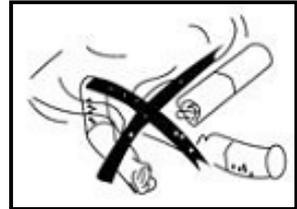
1. Hose Assembly 1-1/2" x 10' (Part No. HWD5004)
2. Round Brush (Part No. HWD5006)
3. Cloth Dust Bag (Part No. HWD5085)
4. Wet Floor Nozzle (Part No. HWD5009)
5. Metal Wand (Part No. HWD5005)
6. Hepa Filter (Part No. HWD5002)
7. Cloth Filter (Part No. HWD5001)
8. Crevice Nozzle (Part No. HWD5007)
9. Dry Floor Nozzle (Part No. HWD5008)
10. Hose Adapter (Part No. HEP110021)
11. Storage Basket (Part No. HWD5052)
12. Flexible Connector Hose 54" (Part No. 500073)

ADDITIONAL SAFETY INSTRUCTIONS

1. Before operation, check that the local power supply is same as the specification on the rating label.
2. Do not use the machine in a combustible and explosive place in case the motor sparks and causes a fire.



3. Do not force items into the Air Hose Inlet mouth, as it may cause the temperature to rise and damage the motor.
4. Do not vacuum up combustible and/or explosive objects, such as a glowing cigarette, gasoline, etc.



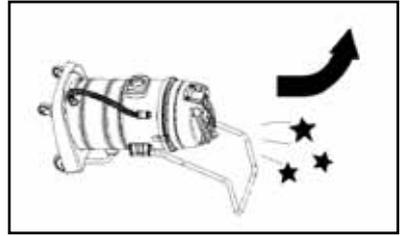
5. Do not vacuum up sharp objects.



6. Do not vacuum up objects which can easily attach onto the filter such as lime or chalk that will block the ventilation and damage motor.



7. Always turn off the machine and remove the plug when repairing or after each use.
8. Do not overturn the machine to avoid water from going into the motor and damaging it.



9. Keep machine away from strong sunlight and high temperature places to avoid the plastic distorting.



10. Do not rest, trample, or drag hose to avoid damaging it.
11. Do not immerse the tank cap into the water, or wash with water, to avoid water, going into the electrical parts and causing personal injury. The correct way should be, to immerse the dishcloth then squeeze dry. Wipe the dirty part gently.

OPERATION METHOD

► CONNECTION

1. Insert the hose connector into the suction inlet as shown in Figure 1, make sure the connector is tightly fastened.

Connector
Button



Figure 1

2. Press the connector button as shown in Figure 2 and pull the connector out when you want to disconnect from the machine.



Figure 2

3. Connect accessories as shown in Figure 3.

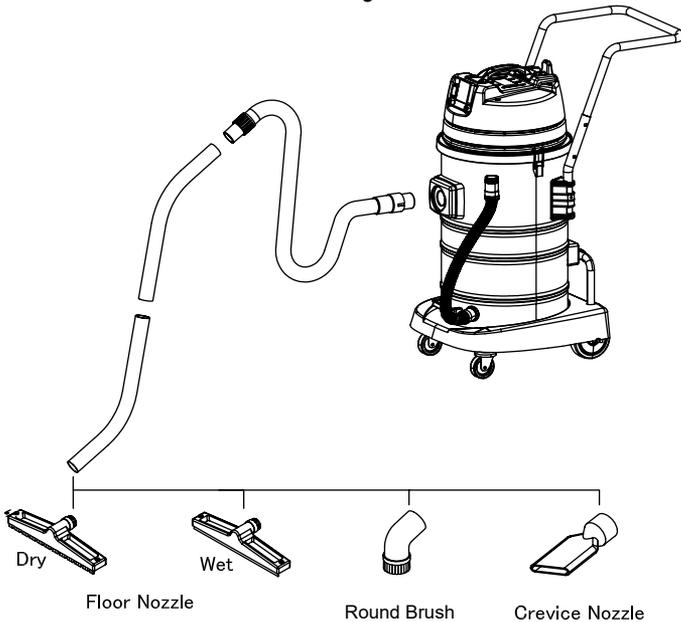


Figure 3

NOTE: When tools are turned on in the Auto Start mode, the vacuum cleaner will delay for 3-4 seconds before turning on.

NOTE: When tools are turned off, the vacuum cleaner will remain on 8-9 seconds to ensure all of the dust is suctioned from the hose.

► OPERATION - ELECTRIC POWER TOOL

1. Plug the vacuum power cord into the wall socket.
2. Insert the power tools plug into the supply socket on the vacuum.
3. Press the switch button on the vacuum to the appropriate location desired.
 - “ I ” stands for turn on (Vacuum Suction Only), the socket has no power.
 - “ ● ” stands for turn off, the socket has no power.
 - “ II ” stands for AUTO start and the vacuum will not turn on until the Power tool starts working. The electrical socket has power in this mode.

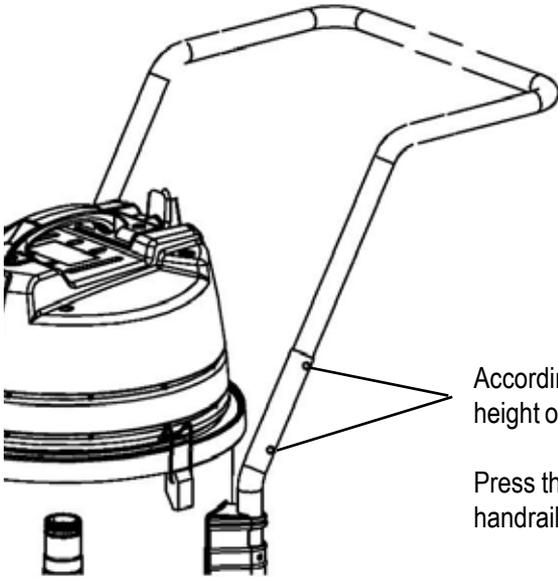
► OPERATION - PNEUMATIC TOOL

1. Plug the vacuum power cord into the wall socket.
2. Attach the shops pneumatic hose line into the “AIR-IN” connector on the vacuum.
3. Insert the pneumatic tools air supply hose into the “AIR-OUT” connector on the vacuum.

NOTE: Couplers are not supplied with the vacuum but are available as an optional accessory.

4. Press the switch button on the vacuum to the appropriate location desired.
 - “ I ” stands for turn on (Vacuum Suction Only), the socket has no power.
 - “ ● ” stands for turn off, the socket has no power.
 - “ II ” stands for AUTO start and the vacuum will not turn on until the Pneumatic tool starts working. The electrical socket has power in this mode.

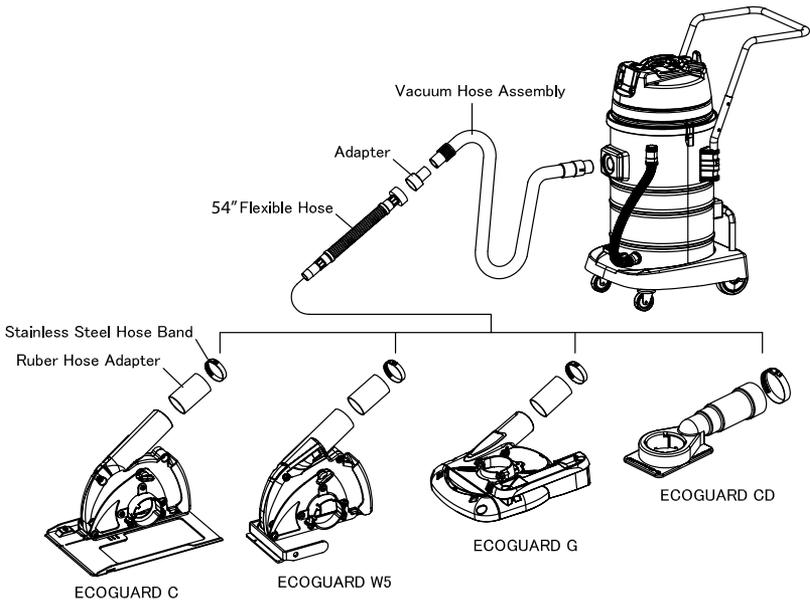
► **ADJUSTING HANDRAIL HEIGHT**



According to your requirements, the height of the handrail can be adjusted.

Press the buttons on both sides of the handrail to raise or lower.

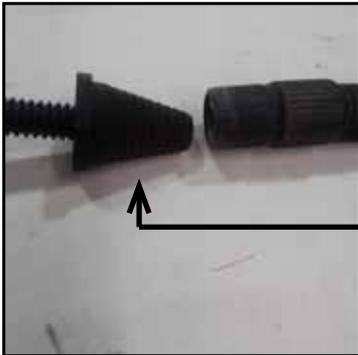
► **CONNECTING THE ALPHA® ECOGUARDS**



► CONNECTING TO PALM SANDERS, GEAR ACTION SANDERS AND SANDING BLOCKS

1. Insert the Alpha® Dust Exhaust Hose (Part No. VH91100 / Sold Separately) “cone” shape end into the opening of the Hose Assembly (Part No. HWD5004).

NOTE: The Alpha® Dust Exhaust Hose has a 3/4” diameter hose for attaching onto Palm and Gear Action Sanders.



Alpha® Dust Exhaust Hose
(Part No. VH91100)

Figure 4



Hose Assembly
(Part No. HWD5004)

Figure 5

The vacuum can be used for wet pick-up. Remove ALL dirt and debris found in the tank to avoid contamination into the motor unit. Remove the HEPA FILTER, CLOTH FILTER and CLOTH DUST BAG prior to using the vacuum for wet pick-up.

► SETTING UP THE VACUUM FOR WET USE

1. Remove the HEPA FILTER completely off the PEDESTAL BASKET by pulling it downward. (See Figure 6)

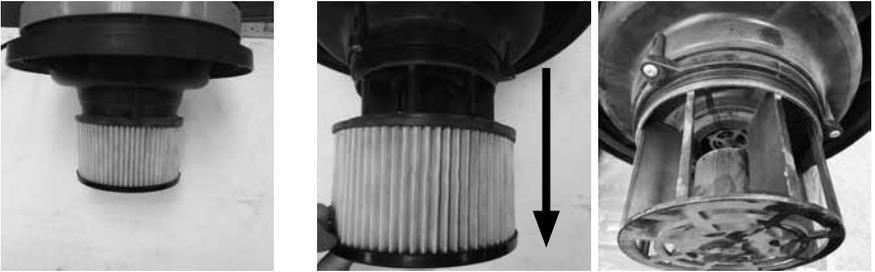


Figure 6

2. Remove the Cloth Filter (Part No. HWD5001) (See Figure 7)



Figure 7

3. Remove the Dust Cloth Bag (Part No. HWD5003) (See Figure 8)

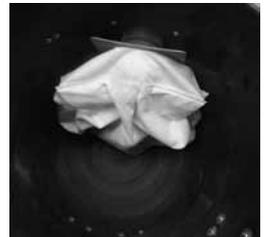


Figure 8

► AUTOMATIC SUCTION SHUT-OFF

The vacuum is equipped with an automatic suction shut-off that operates when picking up liquids. As the level of the liquid rises in the tank, an internal float rises until it seats itself against a seal at the intake of the motor, shutting off suction (Figure 9). When this happens, the motor will develop a higher than normal pitch noise and the suction is drastically reduced. If this occurs, turn the unit off immediately.



Figure 9

► EMPTYING LIQUID FROM THE TANK

1. Remove liquid from the tank by using the DRAIN HOSE.
2. Detach the DRAIN HOSE from the clip on the outside of the tank. (See Figure 10)
3. Remove the stopper plug on top of the DRAIN HOSE (See Figure 11).
4. Place the DRAIN HOSE next to the floor drain and let the liquid empty from the tank.
5. Once the tank is empty, reattach the stopper plug and clip the DRAIN HOSE to the side of the tank.



Figure 10



Figure 11

► MAINTENANCE

1. Tank Cleaning – DRY USE

After working or when the cloth dust bag is full, it is recommended to clean the tank to remove any dust or debris. This dust or debris could decrease the suction considerably. Prior to cleaning the tank, disconnect the power from the motor.

- Release the Tank Clips securing the motor assembly and remove the motor.
- Remove the HEPA Filter and blow off
- Remove the Cloth Filter and blow off
- Remove the Cloth Dust Bag and replace with a new one

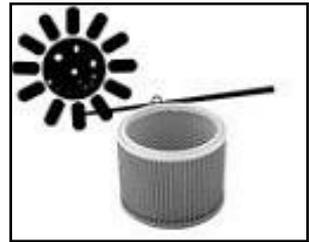


Figure 12

2. HEPA Filter Cleaning

- The HEPA Filter can be washed by using clean, warm water.
- The HEPA Filter can also be cleaned by blowing with compressed air.
- Allow the HEPA Filter to fully dry before using.

3. Tank Cleaning - WET USE

- After soaking up dirty water it is recommended that you should clean the tank after use.
- Release the Tank Clips securing the motor assembly and remove the motor.
- Move the Tilt/Lock Knobs to the lower position to enable the tank to tilt back and spray (Figure 13)
- Spray inside of the tank with a water hose to remove any debris (Figure 14).



Figure 13

When the Tilt/Lock Knobs are in the “UP” position, they tighten against the Tilt/Dump Support Shelf to secure the Stainless Steel Tank.

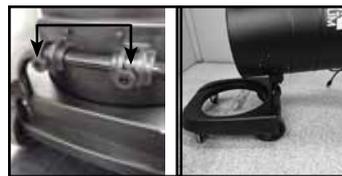


Figure 14

Putting the Tilt/Lock Knobs in the “DOWN” position allows the Stainless Steel Tank to tip backwards on the Tilt/Dump Support Shelf for easier cleaning.

NOTE: Make sure that the motor is removed prior to tipping the tank backwards.

ATTACHING THE STORAGE BASKET

NOTE: This foldable metal wire storage basket utilizes release tab springs to hold the basket into the open position. Carefully follow the steps listed below to fully open this storage basket.

1. Release the clip holding the foldable storage basket together making sure to hold the storage basket down with your other hand.

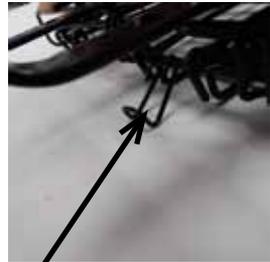


Figure 15

Release the clip holding the Storage Basket closed

2. Raise each section of the Storage Basket in the following order while you continuously hold down the rest of the basket walls.

STEP 1



Figure 16

STEP 2

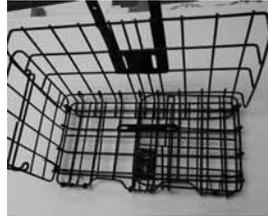


Figure 17

STEP 3



Figure 18

STEP 4



Figure 19

NOTE: Do not exceed the recommended maximum storage weight of 11lbs (5kg) in order to prevent vacuum cleaner from tumbling over.

- Place the side hanging support brackets (x2) on each side of the basket as shown below.



Figure 20



Figure 21



Figure 22

- Place the back support bracket of the Storage Basket on the Handrail of the vacuum as shown below.



Figure 23



Figure 24

- Place the side support brackets on each side of the vacuums handrail as shown below to fully secure the entire Storage Basket onto the handrail.

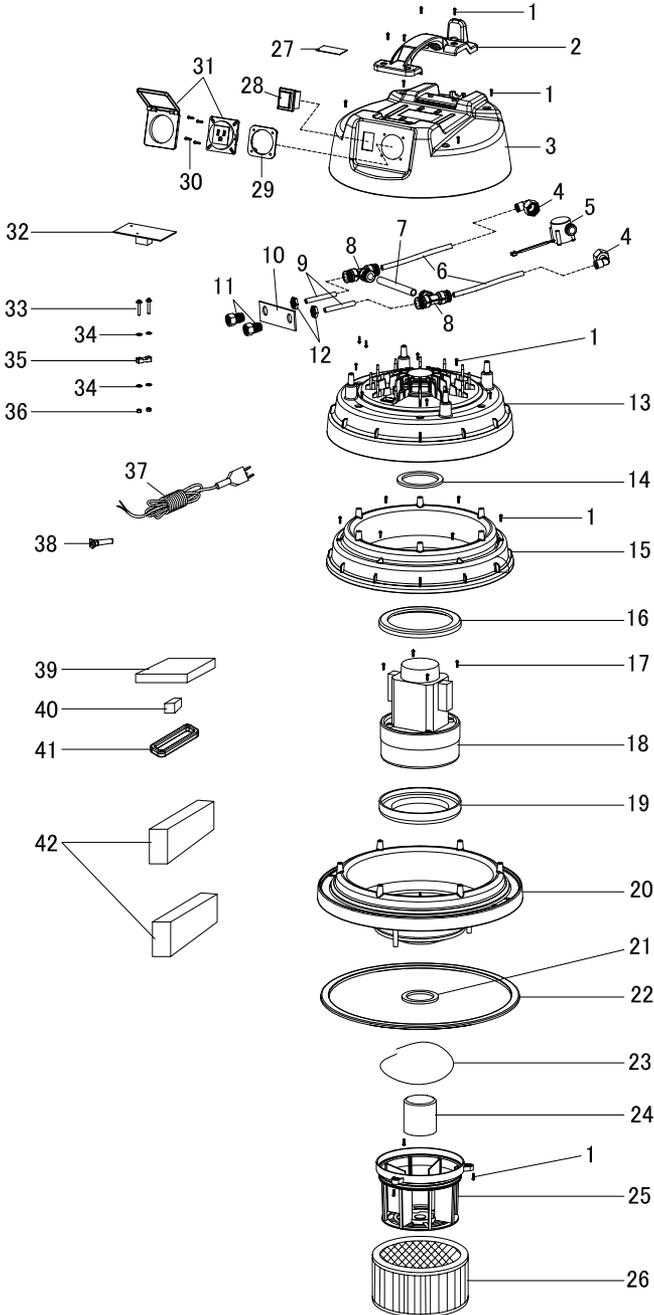


Figure 25

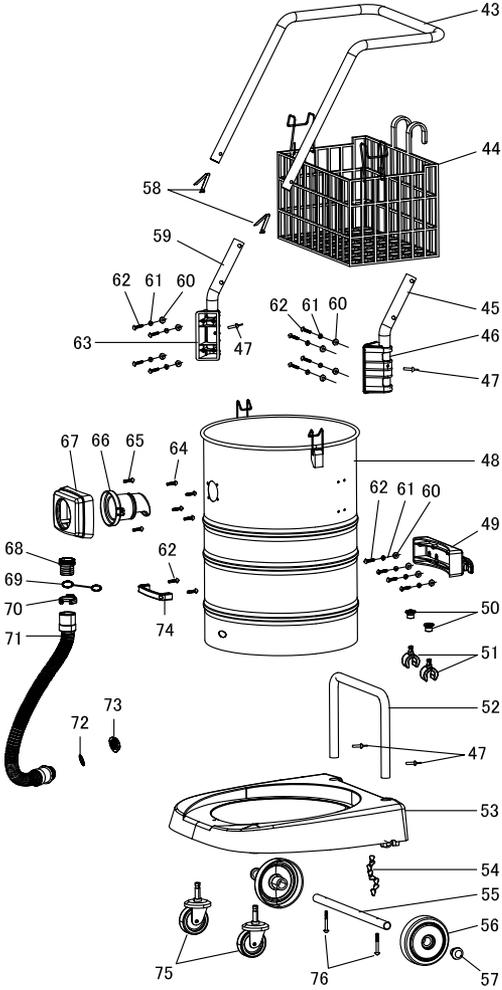
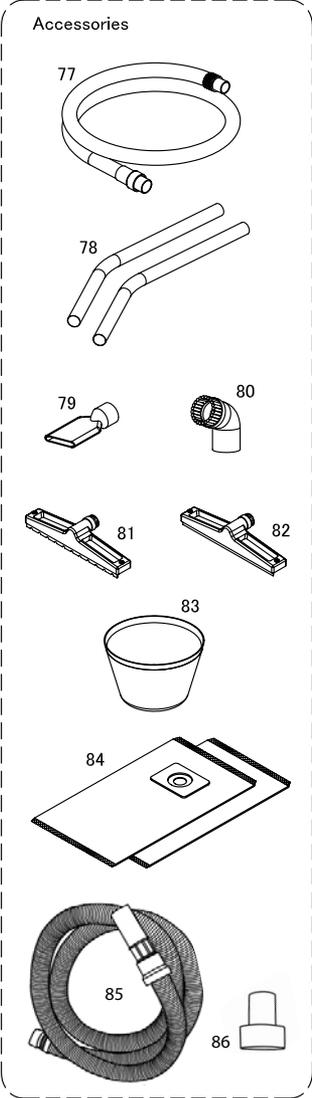


Figure 26

ALPHA® HEPA WET/DRY VACUUM SCHEMATIC (INSIDE)



ALPHA® HEPA WET/DRY VACUUM SCHEMATIC (OUTSIDE)



ALPHA® HEPA WET/DRY VACUUM PARTS LIST

Drawing No.	Part No.	Description	Quantity
1	HWD5010	Screw 4x16	23
2	HWD5011	Top Plastic Handle	1
3	HWD5012	Top Cover	1
4	HWD5013	Elbow Fitting	2
5	HWD5014	Air Flow Switch	1
6	HWD5015	Pipe-A 8mm x 200mm	2
7	HWD5016	Pipe-B 8mm x 80mm	1
8	HWD5017	T-Fitting	2
9	HWD5018	Pipe-C 8mm x 40mm	2
10	HWD5019	Rubber Gasket	1
11	HWD5020	Bulkhead Fitting	2
12	HWD5021	Bulkhead Lock Nut	2
13	HWD5022	Middle Cover	1
14	HWD5023	Foam Seal Ring 85mm OD	1
15	HWD5024	Motor Cover	1
16	HWD5025	Upper Motor Gasket	1
17	HWD5026	Screw 5x20	4
18	HWD5027	Double Stage Motor 120V	1
18	HWD5086	Double Stage Motor 240V	1
19	HWD5028	Lower Motor Gasket	1
20	HWD5029	Tank Top Plate	1
21	HWD5030	Foam Seal Ring 65mm OD	1
22	HWD5031	Rubber Seal Ring 375mm OD	1
23	HWD5032	Foam Seal Cord 500mm Long	1
24	HWD5033	Tip Over Protective Valve	1
25	HWD5034	Filter Support Housing	1
26	HWD5002	HEPA Filter	1
27	HWD5035	Rating Label	1
28	HWD5036	Switch (3-way)	1
29	HWD5037	Electrical Outlet Clamp	1
30	HWD5038	Screw for Electrical Outlet 4x16	4
31	HWD5039	Electrical Outlet w/Cover 120V	1
31	HWD5087	Electrical Outlet w/Cover 240V	1

ALPHA® HEPA WET/DRY VACUUM PARTS LIST (CONTINUED)

DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY
32	HWD5040	Power Control Board	1
33	HWD5041	Screw M4x25	2
34	HWD5042	Washer	4
35	HWD5043	Wire Block	1
36	HWD5044	Nut M4	1
37	HWD5045	Power Cable (UL Plug) 120V	1
37	HWD5088	Power Cable (VDE Plug) 240V	1
38	HWD5046	Cable Sleeve	1
39	HWD5047	Silencer Foam 1	1
40	HWD5048	Rubber Block	1
41	HWD5049	Ferrite Ring	1
42	HWD5050	Silencer Foam 2	2
43	HWD5051	Metal Handle	1
44	HWD5052	Storage Basket	1
45	HWD5053	Right Connector Pipe	1
46	HWD5054	Right Handle Seat	1
47	HWD5055	Pop Rivet	4
48	HWD5056	Stainless Steel Tank	1
49	HWD5057	Tilt/Dump Bracket	1
50	HWD5058	Tilt Lock Knob	2
51	HWD5059	Tilt Lock	2
52	HWD5060	Tilt/Dump Support Shelf	1
53	HWD5061	Pedestal	1
54	HWD5062	Ground Chain	1
55	HWD5063	Axle	1
56	HWD5064	Rubber Wheel	2
57	HWD5065	Axle Cap	2
58	HWD5066	Handle Lock Clip	2
59	HWD5067	Left Connector Pipe	1
60	HWD5068	Rubber Washer	12
61	HWD5069	Metal Washer	12

ALPHA® HEPA WET/DRY VACUUM PARTS LIST (CONTINUED)

DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY
62	HWD5070	Screw 4x20	14
63	HWD5071	Left Handle Seat	1
64	HWD5072	Screw for Suction Inlet 4x16	4
65	HWD5073	Screw 4x12	2
66	HWD5074	Suction Inlet	1
67	HWD5075	Suction Inlet Cover	1
68	HWD5076	Water Outlet Plug	1
69	HWD5077	Plug Retainer Ring	1
70	HWD5078	Drain Hose Clip	1
71	HWD5079	Drain Hose	1
72	HWD5080	Drain Hose Seal Washer	1
73	HWD5081	Drain Hose Nut	1
74	HWD5082	Handrail	1
75	HWD5083	Caster Wheel	2
76	HWD5084	Screw 4x30	2
77	HWD5004	Hose Assembly 1-1/2" x 10'	1
78	HWD5005	Metal Wand 1-1/2" (2pc set)	1
79	HWD5007	Crevice Nozzle	1
80	HWD5006	Round Brush	1
81	HWD5008	Dry Floor Nozzle	1
82	HWD5009	Wet Floor Nozzle	1
83	HWD5001	Cloth Filter (Large)	1
84	HWD5085	Cloth Dust Bag (2pc set) (Only sold as 5pk Part No. HWD5003)	1
85	500073	Flexible Connector Hose 54"	1
86	HEP110021	Hose Adapter	1

► ACCESSORIES AND FACTORY SERVICE

All the accessories can be purchased at a local distributor in your area. For more information concerning Alpha® HEPA Wet/Dry Vacuum and factory service, please contact the Alpha® distribution centers listed below.

COMPANY HEADQUARTERS: Alpha Professional Tools®
103 Bauer Drive
Oakland, NJ 07436

Hours of Operation: 8:30 a.m. – 5:00 p.m. EST

Telephone Number: 201-337-3343

Toll-Free Number: 800-648-7229

E-mail Spare Parts orders to: tooldesk@alpha-tools.com

Technical Support: technicalsupport@alpha-tools.com

Visit us on the web at: www.alpha-tools.com

Limited Warranty of Alpha® HEPA Wet/Dry Vacuum for the USA and Canada ONLY!

Alpha Professional Tools® warrants this product against defects in material and workmanship for a period of 1 year from the date of original retail purchase (proof of purchase required). If Alpha Professional Tools® receives notice of such defects during the warranty period, our obligation assumed under this warranty is limited to the repair or replacement of parts, without charge. This warranty does not apply to tool accessories.

Parts not covered under warranty are power cords, filters, motor brushes and squeegee blades. The warranty covers only failure due to defective parts or workmanship and will be invalidated by improper application and abuse. In NO circumstance should you return a failed unit to the factory. If you experience any problems with your vacuum during the warranty period, contact our Tool Department.

For Warranty Claims: Send complete tool with all your information and details of the problem to Alpha Professional Tools®, transportation prepaid. Do not send tool accessories.

NOTE: Any tools purchased through an unauthorized distributor are not covered under warranty.

PRODUCT REGISTRATION CARD

Model No.

Serial No.

Company Name: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

Purchase Date: _____

Dealer's Name: _____

Note: Serial & Model Number must be included for proper registration.



Alpha Professional Tools®

(800) 648-7229



Register online at:

www.alpha-tools.com/productregistration.aspx

Mail or Fax to:

Alpha Professional Tools®

103 Bauer Drive, Oakland, NJ 07436

Fax: 800-286-0114

Photocopy of product registration form will be accepted.



103 Bauer Drive, Oakland, NJ 07436 • 800-648-7229 • Fax: 800-286-0114
www.alpha-tools.com

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08/2017
