

Safety – Operation – Maintenance

Keep this document in a safe place

Read and understand this manual before operating your air tool

CLAYTON
Dustless Made Simple™

WartHog WTP Power Head

CE

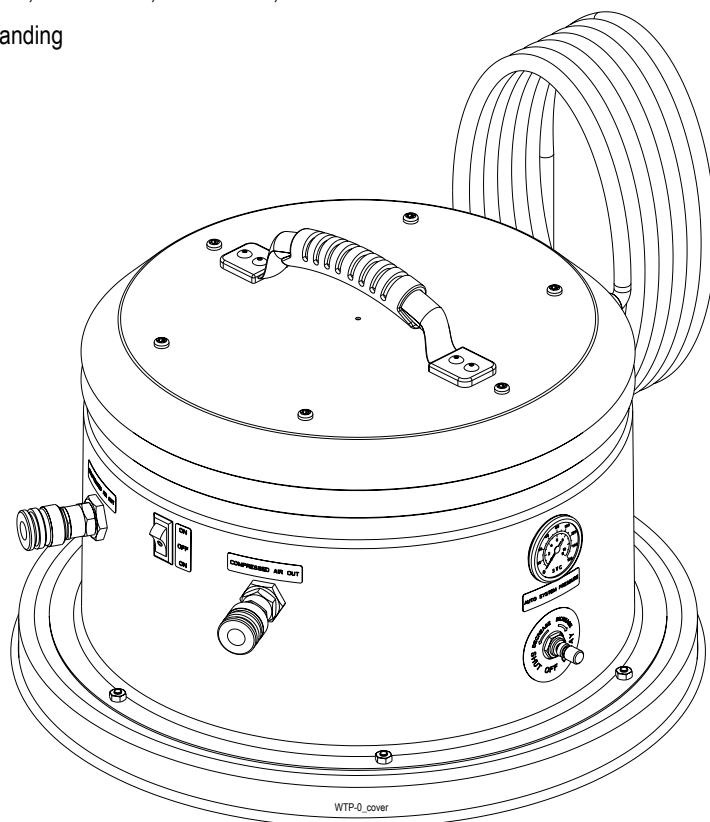
Electric Industrial HEPA Vacuum with Pneumatic Tool Sync

Models: WTP-107T-0, WTP-107T-1, WTP-115T-0, WTP-115T-1, WTP-205T-0, WTP-205T-1, WTP-215T-0, WTP-215T-1

- Designed for toxic dust cleanup, housekeeping, and vacuum sanding
- Dry Recovery Only



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online instructions and
documentation, or visit
www.ClaytonHowTo.com



WTP-0_cover

⚠ WARNING

SAFETY LEGEND



⚠ WARNING

Read and understand operator's manual before using this equipment.



⚠ WARNING

Eye protection is required when operating this equipment.



⚠ WARNING

Hearing protection is recommended when operating this equipment.



⚠ WARNING

Respiratory protection is recommended operating this equipment.

⚠ WARNING

- A HEPA Filter must be installed in this vacuum at all times.
- If this vacuum is used to collect hazardous material, appropriate personal protective equipment may be required.
- Any alteration to this equipment by a third party will nullify its warranty.

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IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

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

WARNING

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

- **Do not** leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- This unit is to be used only indoors and in a dry location.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- **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, return it to a service center.
- Handle provided on power head is used only for removal of power head during maintenance.
- Before separation of power head from tank, users must disengage draw latches on tank.
- **Do not** pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners.
- **Do not** run appliance over cord. Keep cord away from heated surfaces.
- **Do not** unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- **Do not** handle plug or appliance with wet hands.
- **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.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Turn off all controls before unplugging.
- **Do not** use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Connect to a properly grounded outlet only. Refer to "EARTHING/GROUNDING INSTRUCTIONS" on page 3.
- **Do not** pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- **Do not** use without all filters in place.
- **Do not** allow to be used as a toy. Close attention necessary when used by or near children.
- Use extra care when cleaning on stairs

SAVE THESE INSTRUCTIONS

EARTHING/GROUNDING INSTRUCTIONS

This appliance must be earthed/grounded. If it should malfunction or breakdown, earthing/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 an equipment-earthing/grounding conductor and earthing/grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and earthed/grounded in accordance with all local codes and ordinances.

WARNING – Improper connection of the equipment-earthing/grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly earthed/grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Refer to Name Plate for electrical requirements.

• USA 120 V

This appliance has a earthing/grounding attachment plug that looks like the plug illustrated in Figure 1. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance.

• International 120 V

This appliance has an IEC 60309 120 V earthing/grounding attachment plug. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance.

• International 220 V – 240 V

This appliance has an IEC 60309 250 V earthing/grounding attachment plug. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance.

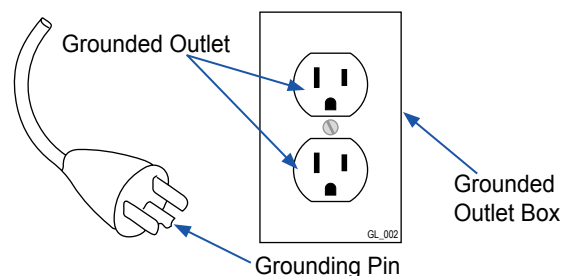


Figure 1: Earthed/Grounded Outlet and Plug

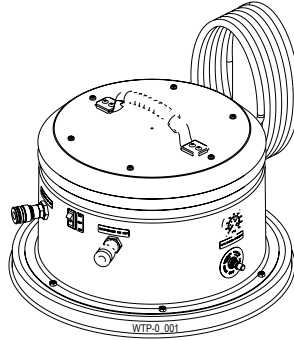
APPLICATIONS & ENVIRONMENTS

- Designed for toxic dust cleanup, housekeeping, and vacuum sanding.
- Dry recovery only.

⚠ WARNING

Do not use this equipment for cleaning or extracting fuel residues from any vehicle or equipment.
Do not use this equipment for cleaning or extracting live sparks or burning embers.
Do not use this equipment in combustible dust or gas atmospheres.

WHAT'S IN THE BOX



WartHog WTP Power Head

NOTE: Clayton vacuum tanks ship in their own box and include bags, filters, and other components. These instructions assume you have both a power head and an appropriate Clayton vacuum tank. Refer to the instruction manual included with the vacuum tank for additional information.

SPECIFICATIONS & REQUIREMENTS

PHYSICAL:

Weight.....TBD lbs (TBD kg)
Dimensions (Diameter x Height)..... 17.5 x 12 in (44.5 x 30.5 cm)
Sound Level..... 67 dBA

POWER CONSUMPTION:

Power Rating 2 hp
Power Consumption..... 12.5 A @ 120 Vac
7.5 A @ 220 – 240 Vac
Pressure.....90 psi (621 kPa)
FlowDetermined by Tool

FILTRATION:

HEPA Filter Efficiency99.995% @ 0.3 µm (H14)
Filter Bag Efficiency 95% @ 0.5 micron

PERFORMANCE

120 Vac

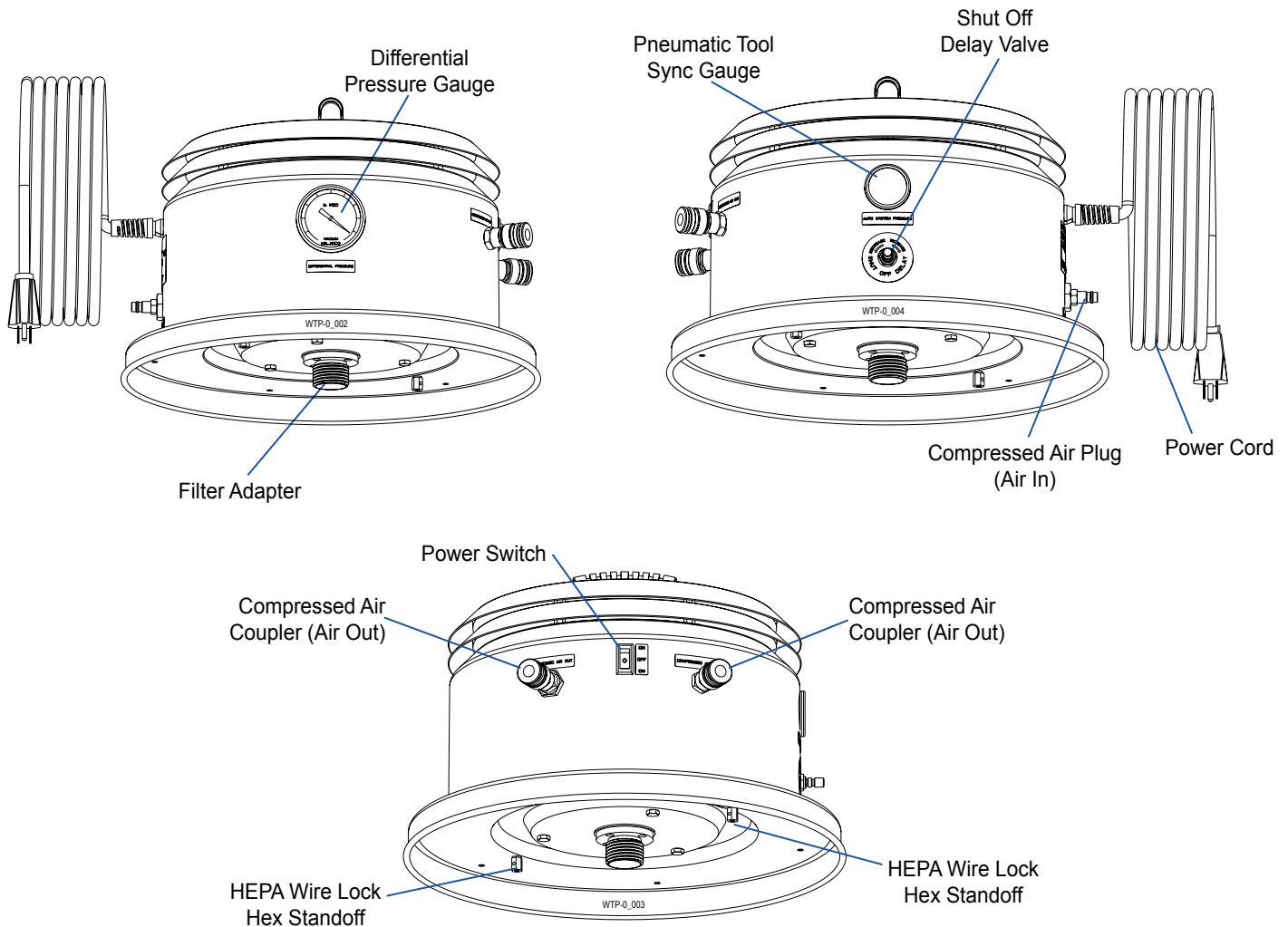
Vacuum Flow..... 120 CFM (204 SCMH)
Vacuum Suction 120 inH₂O (30 kPa)

220 – 240 Vac

Vacuum Flow..... 115 CFM (196 SCMH)
Vacuum Suction 115 inH₂O (29 kPa)

GETTING STARTED

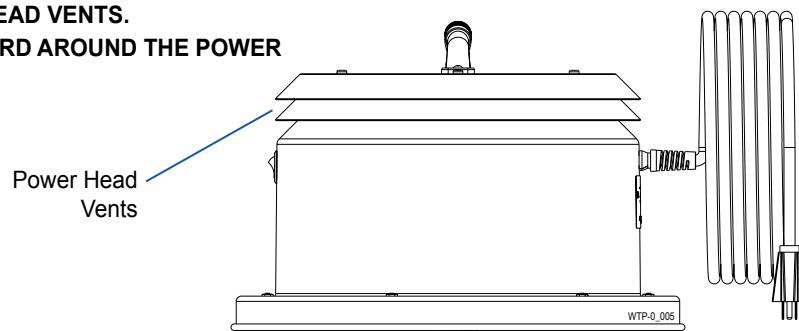
1. The vacuum power head and the vacuum tank ship in separate boxes.
2. Unbox the vacuum power head.
3. Visually inspect the power head to verify that no parts are missing or damaged.
4. Familiarize yourself with the power head.



⚠ WARNING

5. Power Head Vents:

- **NEVER BLOCK THE POWER HEAD VENTS.**
- **NEVER WRAP THE POWER CORD AROUND THE POWER HEAD VENTS.**

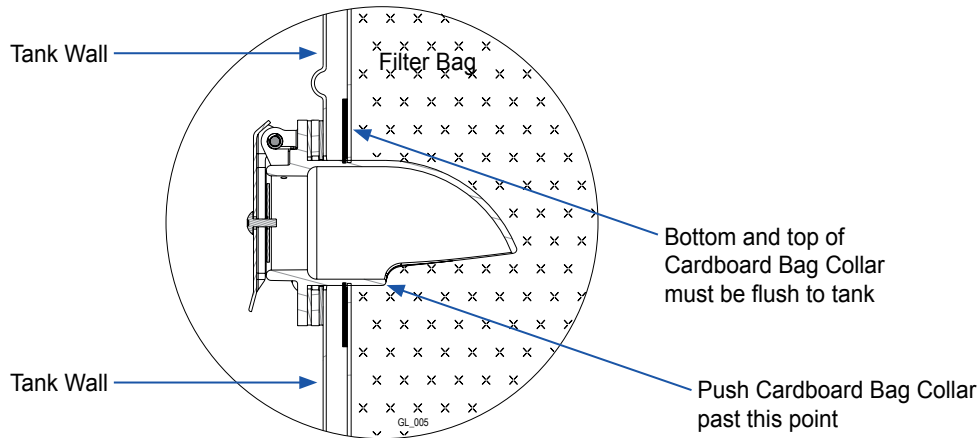


GETTING STARTED

Prepare the vacuum for use.

1. Install a filter bag on the tank.

- Unfold and fluff a new filter bag.
- Push the inlet tube into the hole on the cardboard collar of the filter bag.
- Grasp the sides of the cardboard collar and push it all the way onto the inlet tube.
- Verify the bottom of the collar is past the opening on the underside of the inlet tube.



2. Unbox a new HEPA filter.

- Remove the Clayton HEPA timer card from the box and set aside.
- Remove the HEPA cable lock from the box and set aside.
- Remove the HEPA filter from the box and remove from plastic bag.

3. Install a new HEPA filter.

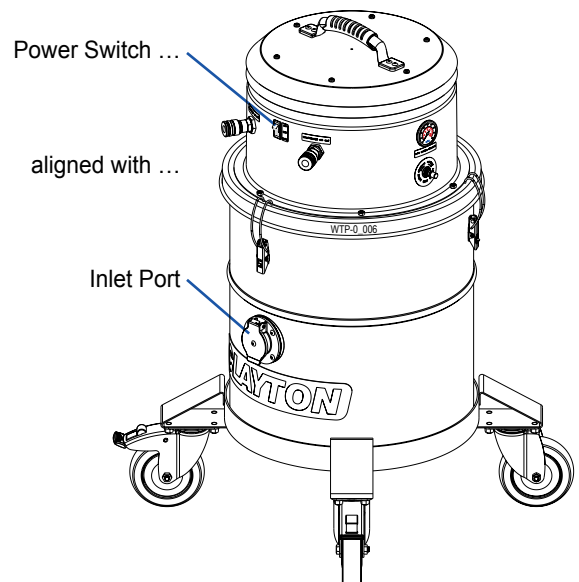
- Holding the power head on its side, screw the new HEPA filter onto the filter adapter.
- Verify the white inner ring of the HEPA filter is fully seated against the underside of the power head.
 - If it is not, rotate it clockwise until fully seated.
- Refer to the instructions included with the HEPA cable lock to install the cable lock.

4. Attach the power head.

- Position the power head on the tank.
- Rotate the power head so that the power switch on the power head is aligned with the inlet port on the vacuum tank.
- Latch the power head to the tank.

5. Activate the HEPA filter timer.

- Attach the new HEPA timer card with a zip tie (included) to the top handle of the vacuum.
- Follow the directions on timer card to activate it.



COMPRESSED AIR FITTINGS

The vacuum has the following Compressed Air Requirements to function properly:

- Compressed air must be clean, dry, and oil free to prevent blockage of the pneumatic system.
- Compressed air line and fittings must have a minimum diameter of 1/4 in (6 mm).

Compressed Air Plug (Air In)

- The Vacuum is supplied with a 1/4 in (6 mm) industrial interchange compressed air plug for connection to a compressed air supply.

The Compressed Air Plug may be changed to another nominal 1/4 in (6 mm) style if required.

- Hold the brass bulkhead fitting with a 1 in (26 mm) open end wrench.
- Remove the compressed air plug with either a 9/16 in (14 mm) deep socket or open end wrench.
- Install a new compressed air plug.

Compressed Air Coupler (Air Out)

- The Vacuum is supplied with two 1/4 in (6 mm) brass high flow compatible industrial interchange compressed air couplers.
- This coupler provides convenient pass through compressed air for an air tool connected to the vacuum.

The Compressed Air Coupler may be changed to another nominal 1/4 in (6 mm) style if required.

- Hold the brass bulkhead fitting with a 1 in (26 mm) open end wrench.
- Remove the compressed air coupler with a 3/4 in (19 mm) open end wrench.
- Install a new compressed air coupler.

PNEUMATIC TOOL SYNC

Principle of Operation

Pneumatic Tool Sync senses the flow of compressed air to a connected tool and activates the vacuum.

- When the compressed air tool is activated, the compressed air line pressure closes a pneumatic electric relay which activates the power head.
- The auto system pressure in the relay should be approximately 90 psi while the tool is running.
- When the compressed air tool is deactivated the pressure will bleed down to 0 psi at a rate based on the adjustment of the Shut Off Delay valve.
- When the tool sync pressure reaches approximately 15 psi the relay opens and deactivates the power head.
- The Tool Sync Pressure Gauge helps the user visualize the time delay by displaying the pressure in the pneumatic valve as it drops from 90 psi to 0 psi.

Requirements

- A compressed air supply must be connected to the Compressed Air Plug (Air In) on the power head.
- The tool must draw its compressed air from a Compressed Air Coupler (Air Out) on the power head.
- Compressed air must be clean, dry, and oil free to prevent blockage of the pneumatic system.
- The Air In compressed air line and fittings must have a minimum diameter of 1/4 in.

1. Attach the compressed air line source to the vacuum.

- Verify the power switch on the vacuum is in the OFF position.
- Connect one end of the compressed air line to a compressed air source.
- Connect the other end of the compressed air line to the Compressed Air Plug (Air In) on the vacuum head.

2. Attach the compressed air tool.

- Insert the compressed air line plug into a Compressed Air Coupler (Air Out) on the power head. The vacuum may activate briefly once the airline has been connected.
- Connect the compressed air line coupler to the tool's compressed air plug/input.

3. Test Pneumatic Tool Sync.

- Toggle the power switch on the vacuum to the AUTO position and activate the air tool.
- The power head will activate.
- Deactivate the air tool.
- The vacuum will deactivate after a short delay.

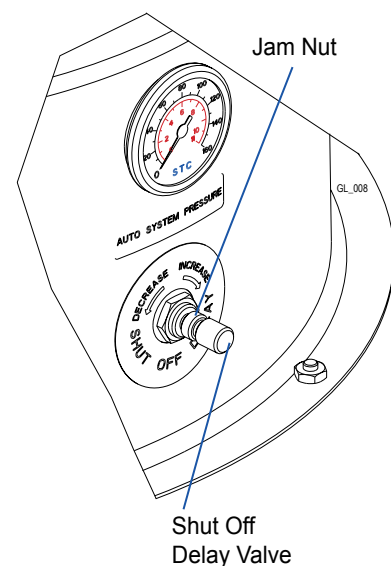
4. Adjust the Pneumatic Tool Sync Shut Off Delay.

The Shut Off Delay is preset at the factory to approximately 5 seconds.

- Loosen the jam nut on the Shut Off Delay valve by turning it counterclockwise.
- Turn the Shut Off Delay valve clockwise until it stops.
- Toggle the power switch on the vacuum to the AUTO position and activate the air tool.
- The vacuum will power on.
- Deactivate the air tool.
- The vacuum will remain running.
- Slowly turn the Shut Off Delay valve counterclockwise until the Tool Sync Pressure Gauge begins to drop.
- When the tool sync pressure reaches approximately 15 psi the relay opens and deactivates the power head.
- Continue to test Pneumatic Tool Sync by activating the compressed air tool.
- Adjust the Shut Off Delay valve until the pressure bleeds down as slowly or as quickly as required using the Tool Sync Pressure Gauge as a guide.
- When the Shut Off Delay valve has been adjusted to provide the desired shut off delay, tighten the jam nut by rotating it clockwise to lock the valve in place.

5. Multiple Tools

- Pneumatic Tool Sync will work with one or two tools simultaneously.



DIFFERENTIAL PRESSURE GAUGE

Principle of Operation

As the bag filter, pre-filter, and HEPA filter become loaded with debris, the debris restricts airflow through the filters. This restriction increases the differential pressure which is displayed on the Differential Pressure Gauge located on the side of the power head. This can help determine when to change the bag filter, HEPA filter, and/or pre-filter.

Clayton recommends that the bag filter be changed when it is approximately 75% full by volume. Keep in mind that if the debris is something like fine powder it will create more restriction and therefore a greater differential pressure than something like rivet stems.

The differential pressure gauge has a range of 0 to -100.

We recommend that each customer use the following procedure to test the vacuum in situ to determine gauge readings for both clean filters and a bag filter that is 75% full.

Each customer should tailor their differential pressure testing schedule based on how quickly the bag filter typically reaches capacity within their specific environment.

1. Activate the vacuum.

- Toggle the power switch to the ON position.

2. Read the Gauge.

- Hold the inlet port open with your hand (do not insert a hose).
- Read the Differential Pressure Gauge.
- Close the inlet port.
- Deactivate the vacuum.

3. Change the Filters.

- Based on the Differential Pressure Gauge reading, if it is determined that the bag filter needs to be replaced refer to “Bag Filter Change” on page 12 for complete information.
- After having replaced the bag filter, if the Differential Pressure Gauge does not return to the clean filter reading, the pre-filter and/or HEPA filter may need to be replaced.

Refer to:

- “Pre-Filter Change” on page 14 and/or
- “HEPA Filter Change” on page 15

for complete information.

BEFORE EACH USE

1. Connect the compressed air source.

- Verify the power switch on the vacuum is in the OFF position.
- Connect a compressed air line coupler to the Compressed Air Plug (Air In) on the power head.
- Connect the other end of the compressed air line to the compressed air source.

2. Attach a vacuum hose or combination air/vacuum work hose.

- Open the Inlet Port on the vacuum tank.
- Insert the metal sleeve of the vacuum hose into the Inlet Port on the vacuum tank.

3. Attach the compressed air output hose(s).

- When using a combination air/vacuum work hose, the compressed air output hose is part of the work hose assembly.
- Insert the compressed air plug into a Compressed Air Coupler (Air Out) port on the power head. The vacuum may activate briefly once the airline has been connected.

4. Attach a tool.

- Insert the tool's compressed air plug into the compressed air output hose coupler. The vacuum may activate briefly once the tool has been connected.

5. Plug the power head/vacuum into an appropriate outlet.

6. Activate the vacuum.

• **Pneumatic Tool Sync Mode:**

This vacuum is equipped with Pneumatic Tool Sync (Auto Mode) which activates the vacuum automatically when a compressed air tool is activated.

The pass through compressed air connection is required for Pneumatic Tool Sync operation.

- Toggle the Power Switch to the AUTO position for Pneumatic Tool Sync.

• **Manual On/Off Mode:**

This vacuum is equipped with Manual Mode (On Mode) which activates the vacuum when the power switch is in the ON position.

- Toggle the power switch to the ON position.

BAG FILTER CHANGE

If this vacuum is used to collect hazardous material, appropriate personal protective equipment may be required.

The bag filter should be replaced when $\frac{3}{4}$ full.

1. Safe the vacuum.

- Disconnect the vacuum from power source.
- Remove all tools and hoses from the vacuum.

2. Remove the power head.

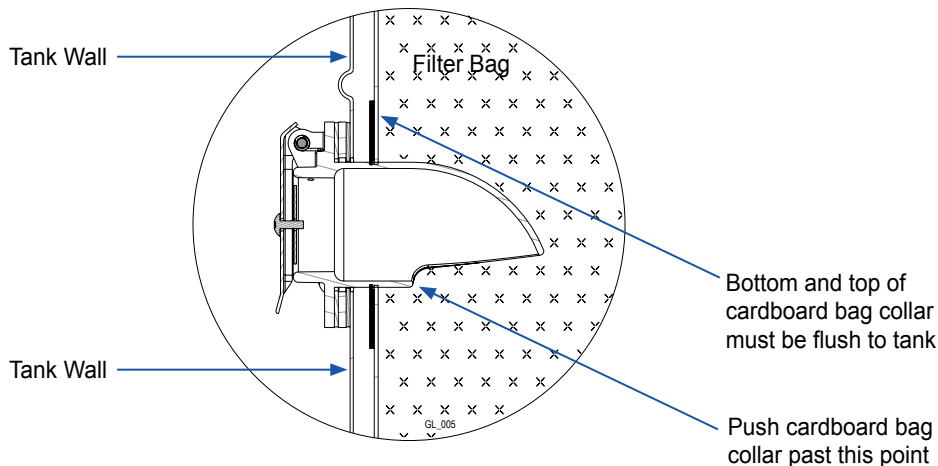
- Unlatch the power head from the tank.
- Lift the power head and the attached HEPA filter off the tank using the top handle.
- Carefully place the power head on the floor – avoid damaging the HEPA filter.

3. Remove the filter bag.

- Grasp the cardboard collar of the bag filter and slide it off the inlet port on the vacuum tank.
- Holding your hand over the opening on the bag, lift the bag out of the tank.
- Dispose of the bag according to company policy.

4. Install a new filter bag.

- Unfold and fluff a new filter bag.
- Push the inlet tube into the hole on the cardboard collar of the filter bag.
- Grasp the sides of the cardboard collar and push it all the way onto the inlet tube.
- Verify the bottom of the collar is past the opening on the underside of the inlet tube.



5. Verify the HEPA filter is seated.

- Holding the power head on its side, examine the HEPA filter.
- Verify the white inner ring of the HEPA filter is fully seated against the underside of the power head.
 - If it is not, rotate it clockwise until fully seated.

6. Replace the power head.

- Position the power head on the tank.
- Rotate the power head so that the power switch on the power head is aligned with the inlet port on the vacuum tank.
- Latch the power head to the tank.

SAFE FILTER CHANGE

Principle of Operation

Safe Filter Change (SFC) uses a second Clayton HEPA vacuum and a Safe Filter Change Hose to create a downdraft within the primary vacuum while changing the bag filter.

If this vacuum is used to collect hazardous material, appropriate personal protective equipment may be required.

The bag filter should be replaced when $\frac{3}{4}$ full.

1. Connect the vacuums.

- Remove all tools and hoses from the primary vacuum.
- Position the support vacuum with its inlet port facing the SFC port on the primary vacuum.
- Open the inlet port on the support vacuum.
- Insert one metal sleeve of the SFC hose into the inlet port on the support vacuum.
- Open the SFC port on the primary vacuum.
- Insert the other metal sleeve of the SFC hose into the SFC port on the primary vacuum.
- Plug both vacuums into power.

2. Remove the power head.

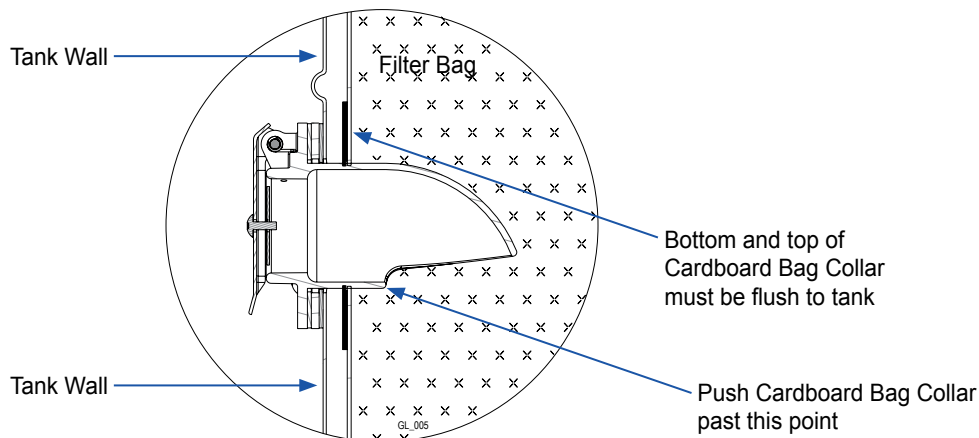
- Unlatch the primary vacuum's power head from the tank.
- Slowly lift the primary vacuum power head and attached HEPA filter approximately 1 inch off the tank using the top handle.
- Toggle the support vacuum power switch to the ON position to create the downdraft.
- Toggle the primary vacuum power switch to the ON position to prevent any debris from falling off the HEPA filter.
- Carefully lift the primary vacuum power head and attached HEPA filter off the tank using the top handle.
- Carefully place the power head on the floor – avoid damaging the HEPA filter. *The primary power head should remain running.*

3. Remove the bag filter.

- Turn a large disposal bag inside out around your arms.
- Using the disposal bag like a large mitten, grasp the cardboard collar of the bag filter and slide it off the inlet port.
- The disposal bag should remain between the user and the bag filter.
- Gently lift the bag filter while drawing the disposal bag down and around the bag filter.
- Gather the neck of the disposal bag and seal the bag closed using tape or ties.
- Dispose of the bag filter according to company policy.

4. Install a new bag filter.

- Unfold and fluff a new bag filter.
- Push the inlet tube into the hole on the cardboard collar of the bag filter.
- Grasp the sides of the cardboard collar and push it all the way onto the inlet tube.
- Verify the bottom of the collar is past the opening on the underside of the inlet tube.



continued on next page

SAFE FILTER CHANGE

5. Verify the HEPA filter is seated.

- Holding the power head on its side, examine the HEPA filter.
- Verify the white inner ring of the HEPA filter is fully seated against the underside of the power head.
 - If it is not, rotate it clockwise until fully seated.

6. Replace the primary power head.

- Carefully position the primary power head on the primary tank.
- Toggle the primary vacuum power switch to the OFF position.
- Rotate the power head so that the power switch on the power head is aligned with the inlet port on the vacuum tank.
- Latch the power head to the tank.
- Toggle the support vacuum power switch to the OFF position.

7. Disconnect the vacuums.

- Disconnect the SFC hose from the primary vacuum SFC port.
- Disconnect the SFC hose from the support vacuum inlet port.

PRE-FILTER CHANGE

If this vacuum is used to collect hazardous material, appropriate personal protective equipment may be required.

Replace the pre-filter every five (5) bag filter changes or when it becomes visibly dirty.

1. Safe the vacuum.

- Disconnect the vacuum from the power source.
- Remove all tools and hoses from the vacuum.

2. Remove the power head.

- Unlatch the power head from the tank.
- Lift the power head and the attached HEPA filter off the tank using the top handle.
- Carefully place the power head on the floor – avoid damaging the HEPA filter.

3. Remove the pre-filter.

- The pre-filter is wrapped around the HEPA filter and secured with Velcro.
- Find the seam and carefully peel the Velcro apart.
- Dispose of the pre-filter according to company policy.

4. Install a new pre-filter.

- Unfold a new pre-filter and remove the thin Velcro cover strip from the Velcro hooks.
- Wrap the pre-filter tightly around the HEPA filter.
- Secure the pre-filter by adhering the Velcro hooks to the side of the pre-filter.

5. Verify the HEPA filter is seated.

- Holding the power head on its side, examine the HEPA filter.
- Verify the white inner ring of the HEPA filter is fully seated against the underside of the power head.
 - If it is not, rotate it clockwise until fully seated.

6. Replace the power head.

- Position the power head on the vacuum tank.
- Rotate the power head so that the power switch on the power head is aligned with the inlet port on the vacuum tank.
- Latch the power head to the tank.

HEPA FILTER CHANGE

If this vacuum is used to collect hazardous material, appropriate personal protective equipment may be required.

The HEPA filter should be replaced when it is damaged, clogged, or when the HEPA timer card has reached 12 months. *Never attempt to clean the HEPA filter as this will damage it.*

1. Safe the vacuum.

- Disconnect the vacuum from the power source.
- Remove all tools and hoses from the vacuum.

2. Remove the power head.

- Unlatch the power head from the vacuum tank.
- Lift the power head and the attached HEPA filter off the tank using the top handle.
- Carefully place the power head on the floor – avoid damaging the HEPA filter.

3. Unbox a new HEPA filter.

- Remove the Clayton HEPA timer card from the box and set aside.
- Remove the HEPA cable lock from the box and set aside.
- Remove the HEPA filter from the box and remove it from the plastic bag.

4. Remove the old HEPA filter.

- Holding the power head on its side cut the HEPA cable lock and remove it.
- Unscrew the HEPA filter from the filter adapter.
- Dispose of the HEPA filter according to company policy.

5. Install a new HEPA Filter.

- Holding the power head on its side, screw the new HEPA filter onto the threaded filter adapter.
- Verify the white inner ring of the HEPA filter is fully seated against the underside of the power head.
 - If it is not, rotate it clockwise until fully seated.
- Refer to the instructions included with the HEPA cable lock to install the cable lock.

6. Replace the power head.

- Carefully position the power head on the vacuum tank.
- Rotate the power head so that the power switch on the power head is aligned with the inlet port on the vacuum tank.
- Latch the power head to the vacuum tank.

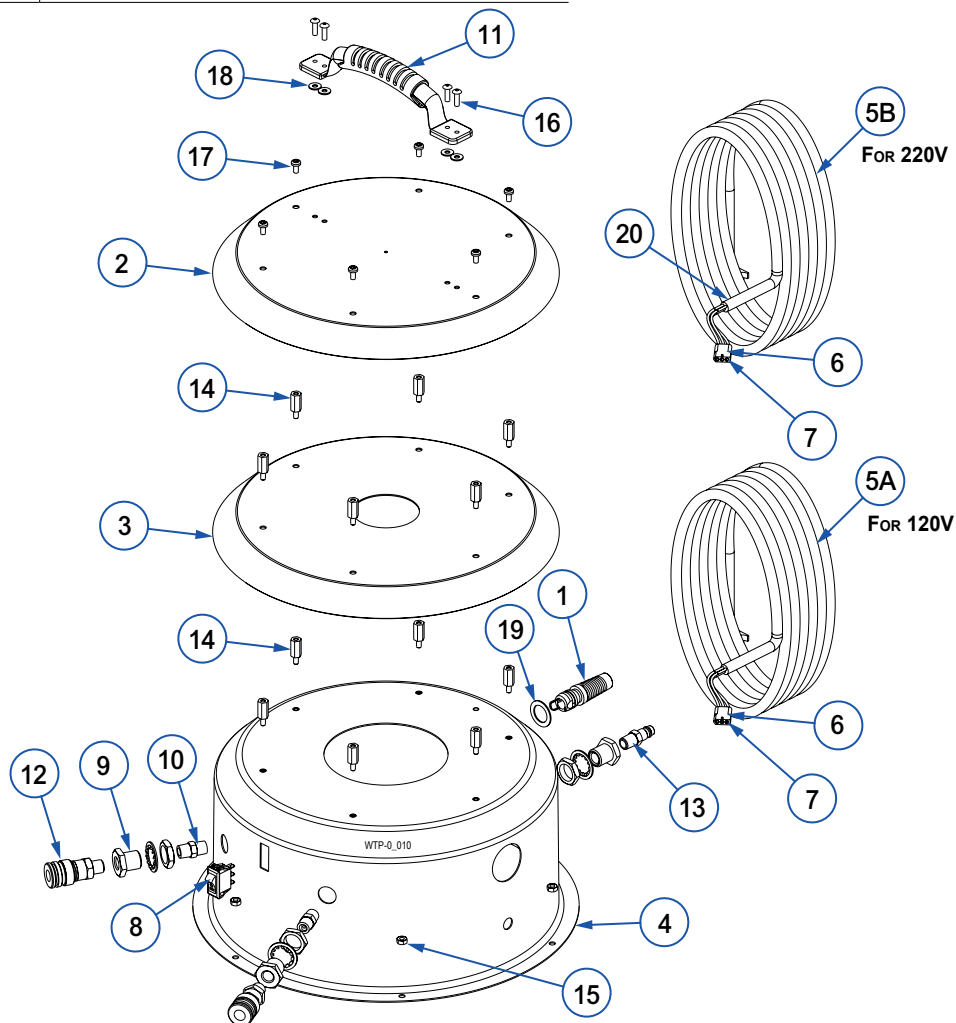
7. Activate the HEPA filter timer.

- Remove the old HEPA timer card from the power head.
- Attach the new HEPA timer card with a zip tie (included) to the top handle of the vacuum.
- Follow the directions on the timer card to activate.

ILLUSTRATED PARTS BREAKDOWN

603-WTP-0/603-WTP-1 (Sheet 1 of 5)

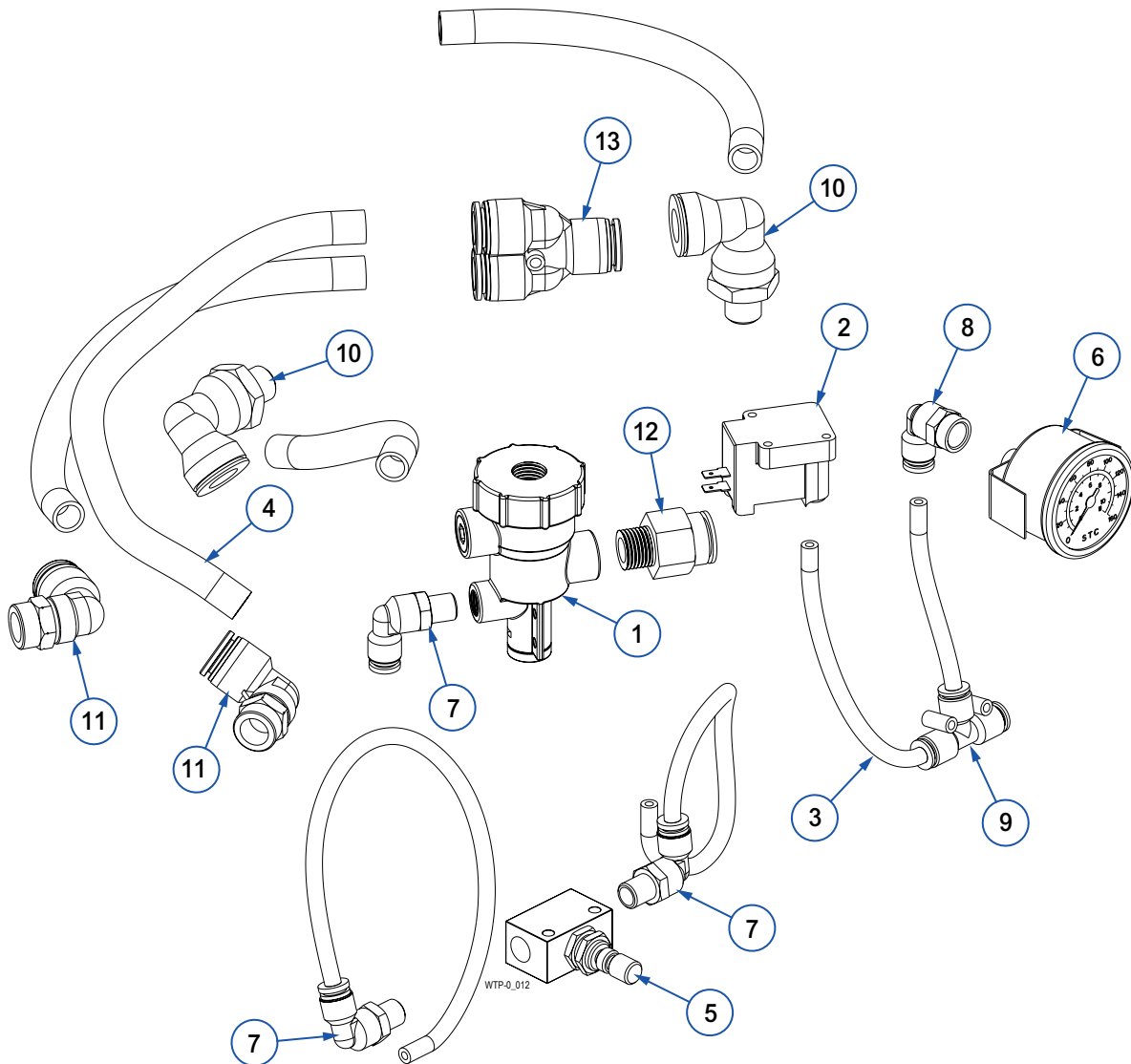
Seq	Item No	Description
1	350-023	Strain Relief For 20 Amp Cord
2	605-310A	HH Vac Head Handle Cap SS Black
3	605-310D	HH Vac Head Exhaust Baffle SS Black
4	605-315E	WTP Vac Enclosure Toxic Auto-Air 120V SS Black
5A	900-143N515P-30	Cord 14/3 15A Cord Lock Plug 30ft Yel
5B	900-153H000X-30	Cord 1.5MM 3 Conductor H05VVF 30ft Black
6	900-M14R3	Molex Receptacle, 14 ga, 3 Position
7	900-M14S	Molex Socket Terminal, 14 ga
8	900-SW-SPDT-01	Switch Rocker Rect 20A 120V SPDT On-Off-On Black
9	918-04BH	Bulkhead Adapter, Brass, 1/4in.
10	924-04CV	Check Valve, 1/4 MNPT
11	930-027	Handle, Carry, Flex Rubber
12	940-011	Fitting Coupler 1/4in Hiflow x 1/4 MNPT
13	940-016	Fitting Plug 1/4in Hiflow x 1/4in MNPT
14	FE103212-HZSM-Z	Hex Standoff, 10-32 MF x 3/4 in SS
15	NE10320608-HNSZ	Nut 10-32 Nylon Lock SS Short
16	RE0620-SDSSS-Z	Rivet Blind 3/16 x 0.625 Sealed SS (.251-.375)
17	SE103206-XPSM-Z	Screw 10-32 x 3/8in SS TORX
18	WE133203-RFS-Z	Washer .203ID x .500OD .047H Round Stainless Steel
19	WE481803-RZSZ	Shim .750 ID x 1.125 OD x .048 Round Stainless
20	945-HSN08X2BK	Heat Shrink 2 to 1 for Power Cord



ILLUSTRATED PARTS BREAKDOWN

603-WTP-0/603-WTP-1 (Sheet 2 of 5)

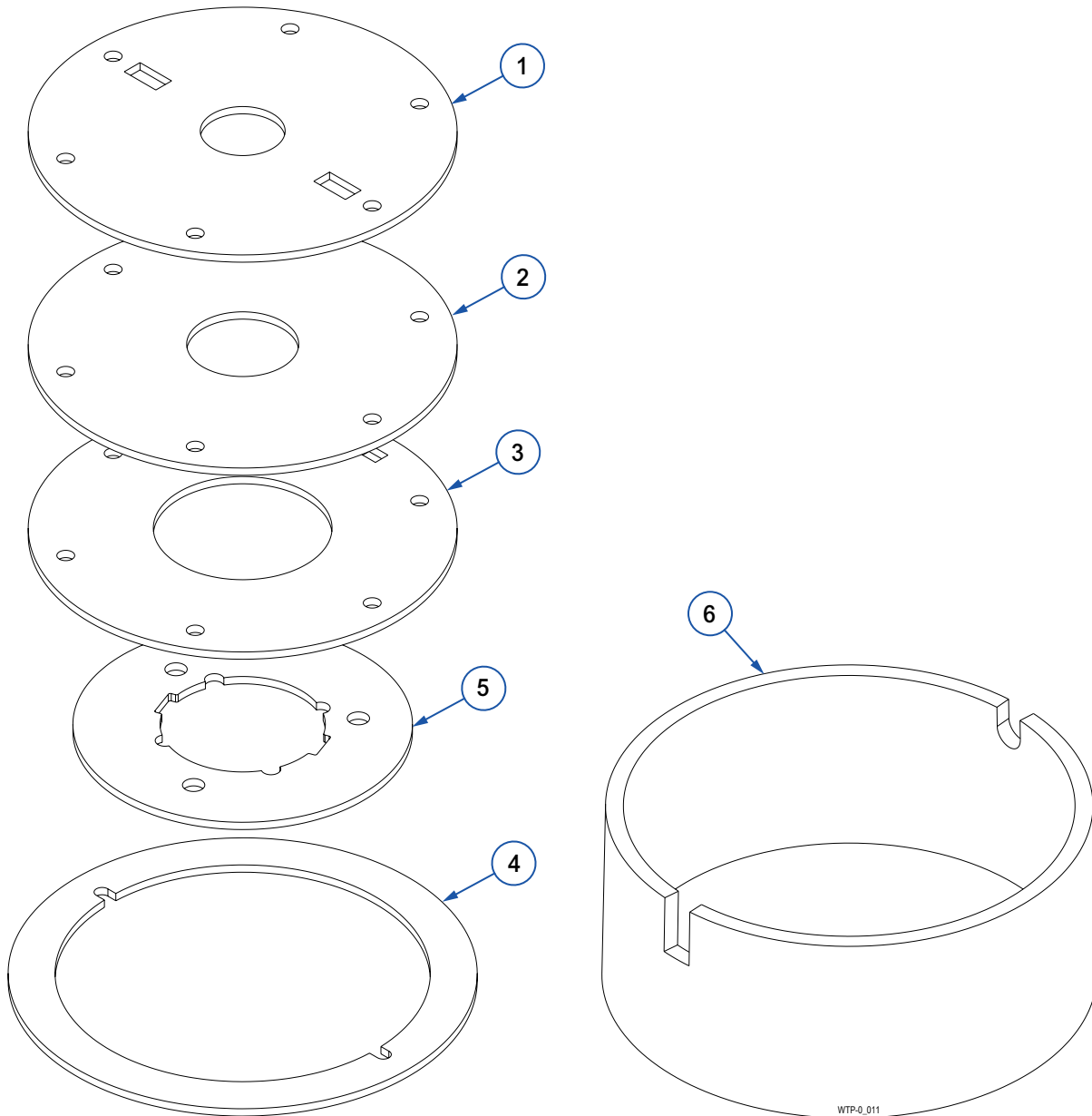
Seq	Item No	Description
1	600-A276T	Auto System Flow Sensor Valve Threaded
2	900-SW-SPST-03	Switch Pneumatic Relay 100PSI 15A 120V
3	922-T.25GN	1/4 in OD. Nylon Tubing Green
4	922-T.50BK	Tubing, 1/2 OD, High Temp per ft
5	924-04FC-01	Alpha Flow Control Valve
6	925-P24R160-01	Gauge Pressure 1.5in 0-160 psi Panel Mount
7	927-04L-02	PC Elbow 1/8 MNPT x 1/4 Tube
8	927-04L-02F	FTG Elbow 1/8 FNPT To 1/4 PC
9	927-04T	Tee, 1/4 PC
10	927-08L-04	FTG Elbow 1/2 PC To 1/4 MNPT
11	927-08L-04F	FTG Elbow 1/2PC To 1/4FNPT
12	927-08MA-04	1/2 PC x 1/4 Mpt Straight FTG
13	927-08Y	Union Y, 1/2PC



ILLUSTRATED PARTS BREAKDOWN

603-WTP-0/603-WTP-1 (Sheet 3 of 5)

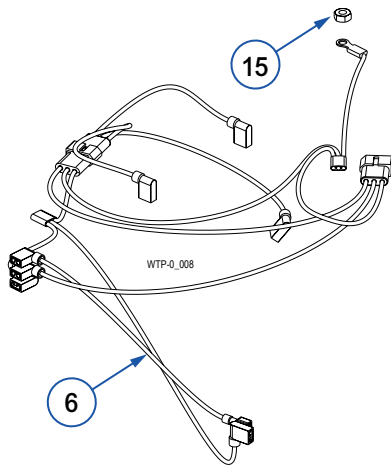
Seq	Item No	Description
1	911-803-1	Handle Cap Sound Control Foam
2	911-803-2	Exhaust Baffle Sound Control Foam
3	911-803-3	Enclosure Top Sound Control Foam
4	911-803-4	Base Ring Sound Control Foam
5	911-803-5	Motor Plate Sound Control Foam
6	911-803-6	Enclosure Foam 1 Sound Control
6	911-803-7	Enclosure Foam 2 Sound Control
6	911-803-8	Enclosure Foam 3 Sound Control



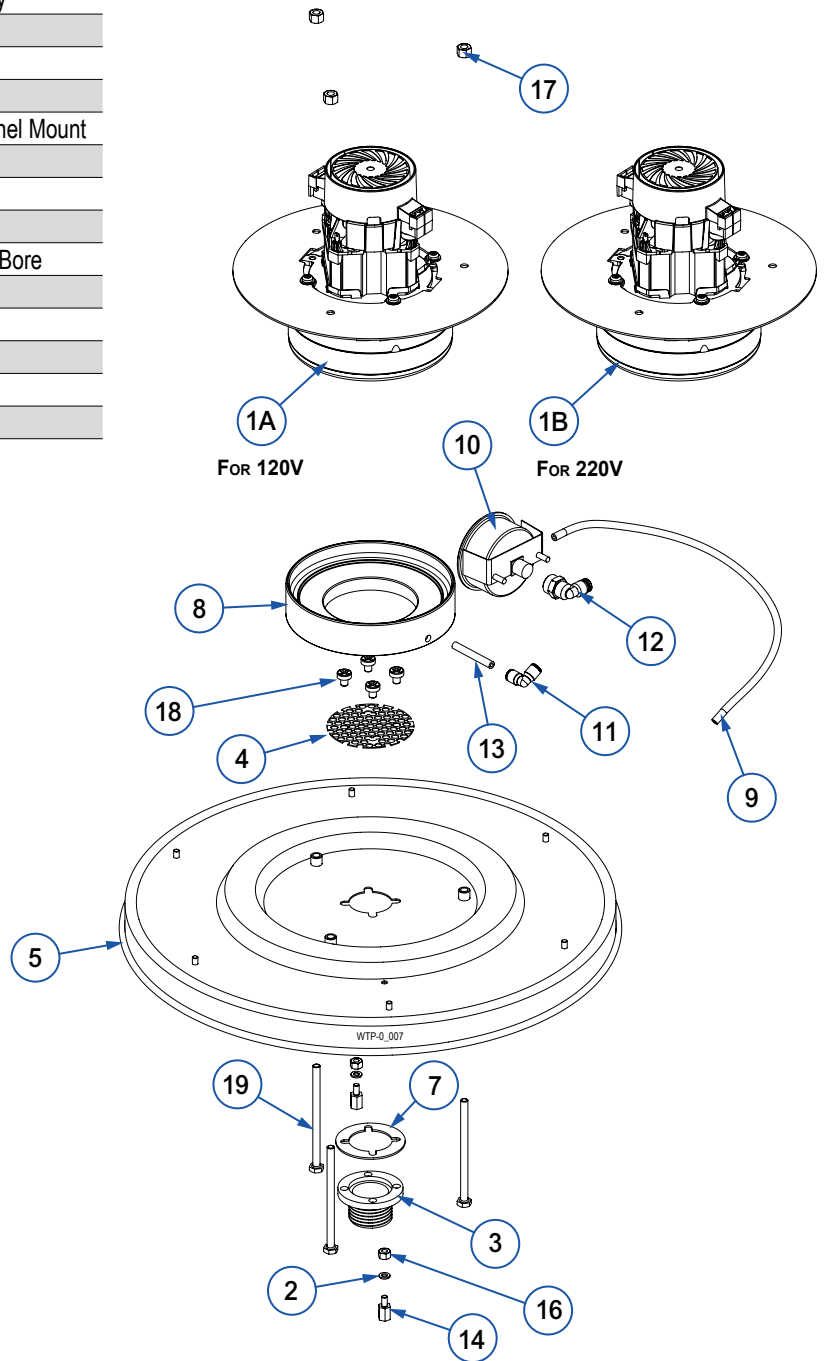
ILLUSTRATED PARTS BREAKDOWN

603-WTP-0/603-WTP-1 (Sheet 4 of 5)

Seq	Item No	Description
1A	600-A108-120	Motor Assembly 120V
1B	600-A108-220	Motor Assembly 220V
2	600-WF-1364F	Washer Fiber 13/64 ID x 3/8OD
3	601-021	Filter Adapter, Warthog
4	601-121	Mesh Disc, 3 in Diameter
5	605-310B16	HH Vac Head Base 16in SS Black
6	900-WH004	Wiring Harness, WGP Pneumatic Relay
7	911-011	Gasket, Filter Adapter
8	911-Q6600-220T	Conical Motor Gasket Silica Gel
9	922-T.25GN	1/4 in OD. Nylon Tubing Green
10	925-V40R100-02	Gauge Vacuum 2.5in 0-100 in/H2O Panel Mount
11	927-04L	1/4 PC Elbow
12	927-04L-04F	FTG, 1/4 x 1/4 Elbow, PC To FNPT
13	930-015	Tubing .250OD x .125ID PTFE
14	FE103208-HZSM-B	Hex Standoff, 10-32 MF x 1/2 SS With Bore
15	NE10320608-HNSZ	Nut 10-32 Nylon Lock SS Short
16	NE10320615-HNSZ	Nut, 10-32 Nylon Lock, SS, High
17	NE16201420-HNSZ	Nut 1/4-20 Hex Lock SS
18	SE162005-PPSM-Z	Screw, 1/4-20 x 5/16 PH, SS
19	SE162064-HHSM-Z	Screw 1/4-20 x 4in SS Hex



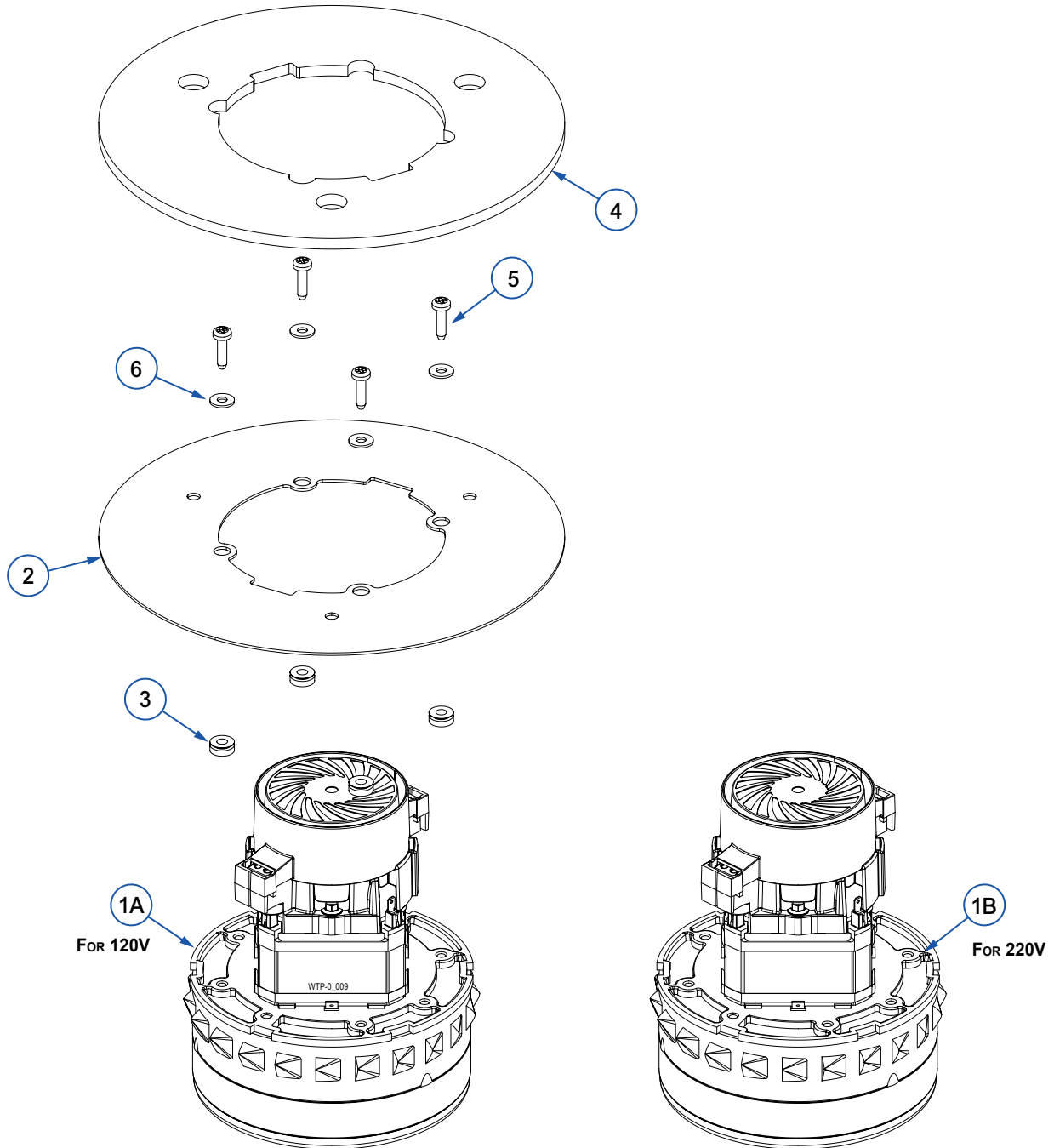
WIRING HARNESS IS REPRESENTATIVE
ACTUAL HARNESS MAY DIFFER IN APPEARANCE



ILLUSTRATED PARTS BREAKDOWN

603-WTP-0/603-WTP-1 (Sheet 5 of 5)

Seq	Item No	Description
1A	600-Q6600-220T	Motor Bypass 120V 13.5A 2HP 120CFM
1B	600-Q6600-223T	Motor Bypass 220-240V 7.5A 2.3HP 120CFM
2	605-310C	HH Vac Head Motor Collar SS
3	911-04G08	Grommet 7/32 ID, 1/2 OD
4	911-803-5	Motor Plate Sound Control Foam
5	SE101212-PPSS-Z	Screw, Sheet Metal, #10 X .750, Phillips, SS
6	WE133203-RFS-Z	Washer .203ID X .500OD .047H Round Stainless Steel



LIMITED LIFETIME WARRANTY TERMS AND CONDITIONS

Warranty Terms

Clayton Associates, Inc. guarantees its manufactured products against defects in materials or workmanship and will either repair or replace all parts that prove defective under normal use during the lifetime of the products. The warranty period shall commence from the date of paid invoice.

This warranty does not cover (a) repairs due to normal wear, accident, neglect, misuse, or use other than as indicated in the instruction booklet (b) products manufactured by third parties and distributed by Clayton (c) wear items such as bearings, rotor blades, regulators, valve stems, levers, shrouds, guards, O-rings, seals, gaskets, motor brushes, and other wearable parts.

Repair within the Continental US

During the first 90 days of the warranty period, Clayton will provide parts and labor to the customer's site at no charge or pay freight costs associated with returning the products for repair to a Clayton selected service location and repair the product at no charge. Clayton personnel will determine the best way to repair the product.

Past 90 days, Clayton will provide parts to the customer's site at no charge or the customer may ship the product to a Clayton selected service location at customer's expense and Clayton will repair the product at no charge and provide return shipping.

Repair Outside the Continental US

Clayton will provide parts to the customer's site at no charge or the customer may ship the product to a Clayton selected service location at customer's expense and Clayton will repair the product at no charge and provide return shipping.

Limitation of Liability

Clayton shall not in any event be liable for any damages, loss of production time or profits, whether based on contract, warranty, negligence, strict liability or otherwise, including without limitation any consequential, incidental or special damages, arising with respect to the equipment or its failure to operate.

Clayton Associates, Inc. makes no other warranty or representation of any kind, except that of title, and all other warranties, express or implied, including warranties of merchantability or fitness for any particular purpose, are hereby expressly disclaimed.

EC DECLARATION OF CONFORMITY



Clayton Associates, Inc. of 1650 Oak Street, Lakewood New Jersey 08701 U.S.A. declare on our own responsibility that the following equipment:

Industrial HEPA Filtered, Electrically Powered Vacuum Cleaners and Accessories for Dry Recovery

- Vacuum Models (where XXXX is the Tank Model):
WGX-XXXX-0, WGP-XXXX-0, WTX-XXXX-0, WTP-XXXX-0
WGX-XXXX-1, WGP-XXXX-1, WTX-XXXX-1, WTP-XXXX-1
- Tank Models: **107G, 107T, 115G, 115T, 205G, 205T, 215G, 215T**
- With serial numbers ranging from **WH0000001** through **WH9999999**

Are designed and manufactured in compliance with the essential requirements and other relevant provisions of the following applicable directives:

- **Machinery Directive 2006/42/EC**
- **The Electromagnetic Compatibility Directive 2004/108/EC**

Compliance has been obtained by application of the following standards:

- **EN ISO 12100:2010-11**
- **EN 60335-1:2012/A13 excluding 25.6**
- **EN 60335-2-69:2012 specifically Annex AA: Requirements for vacuum cleaners and dust extractors for the collection of hazardous dusts**
- **EN 55014-1:2017**
- **EN 55014-2:2015**

The legally authorized entity, established in the EU for compiling the technical file is ExVeritas Limited, Unit 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, LL13 9UZ, United Kingdom.

File Number: 18FILE0423

Subject to use for the purpose for which it was designed in accordance with relevant standards and with the manufacturer's recommendations. We hereby declare that the equipment specified above conforms to the listed Directives and Standards.

Brad Clayton
President
Clayton Associates, Inc.

Place of Issue: Lakewood, New Jersey, USA November 23, 2018

EC DECLARATION OF CONFORMITY



Clayton Associates, Inc. of 1650 Oak Street, Lakewood New Jersey 08701 U.S.A. declare on our own responsibility that the following equipment:

Industrial HEPA Filtered, Electrically Powered Vacuum Cleaners

- Vacuum Models (where XXXX is the Tank Model):
WGX-XXXX-0, WGP-XXXX-0, WTX-XXXX-0, WTP-XXXX-0
WGX-XXXX-1, WGP-XXXX-1, WTX-XXXX-1, WTP-XXXX-1
- Tank Models: **107G, 107T, 115G, 115T, 205G, 205T, 215G, 215T**
- With serial numbers ranging from **WH0000001** through **WH9999999**

Were tested to verify the integrity of the HEPA filter and the assembled machine.

Test Procedure:

- The test was performed using an aerosol generator and a photometer.
- The system was challenged with 18 microliters/m³ Poly Alfa Olefin (PAO).
- The system was fitted with a HEPA filter, part number 627-12H having a certified minimum efficiency of 99.995%.

Test Results:

- The filtration efficiency of the assembled WarHog vacuum was 99.9978%
- Test performed at: 740 Driving Park Avenue, Rochester NY 14613 USA

Declaration:

- The assembled unit meets the standard for US HEPA filtration and EU H14.

Brad Clayton
President
Clayton Associates, Inc.

Place of Issue: Lakewood, New Jersey, USA November 23, 2018



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Clayton products are proudly made in the USA

