



# Meyer Portable Vacuums

## INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

FOR MODELS:

**VANTAGE-VAC®**

**VERSA-VAC<sup>OS</sup>™**

**VELOCI-VAC®**

**PORTA-VAC®**

Wm. W. Meyer & Sons, Inc.

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**SECTION I  
SAFETY PRECAUTIONS**

**ATTENTION! TO THE OWNER AND THE INSTALLATION, OPERATION AND MAINTENANCE PERSONNEL**

The safety of the operator and those people that may come into contact with the equipment is of great importance to Wm. W. Meyer & Sons, Inc. (“Meyer”). The decals, shields, guards and other protective features designed, furnished or recommended for this machine are there for your protection. BEFORE attempting to install, operate or perform maintenance on this Equipment READ carefully and UNDERSTAND all safety instructions contained in this set of Instructions in addition to all applicable government safety/health laws and regulations and generally recognized industry standards. The operation and maintenance of this equipment should be restricted to only those personnel trained in its use. Consult the Factory for the availability of manuals in other languages.

Installation, Operation and Maintenance personnel should READ carefully and UNDERSTAND the sections of this *Instruction Manual* relevant to the work they are performing. The various precautions and recommendations detailed within this manual are not necessarily all inclusive. These instructions are intended to provide general safety and operational guidance relating to typical uses with which Meyer is familiar. Additional information may be provided that pertains to your specific piece of equipment upon request.

## SAFETY FIRST!



**DANGER** Indicates the presence of a hazardous situation that, if not avoided, WILL result in death or serious injury.



**WARNING** Indicates the presence of a hazardous situation that, if not avoided, COULD result in death or serious injury.



**CAUTION** Indicates the presence of a hazardous situation that, if not avoided, COULD result in minor or moderate injury.



**NOTICE** Indicates information that is important, but is not related to a particular hazard.

### 1-1 GENERAL SAFETY INFORMATION

- Equipment is to be operated by trained qualified personnel only.
- Always read and follow the operating and safety procedures.
- Do not operate without all guards and safety equipment installed in the proper location and in working order.
- Do not disable any safety features. They are there for your protection.
- Always wear protective clothing/equipment including, but not limited to, eye and hearing protection.
- Always use qualified personnel when repairing or maintaining the equipment.
- Do not leave the equipment unattended while it is running.
- Do not wear loose clothing or jewelry when operating this equipment. Long hair should be confined by a hat or a hair net.
- Do not operate under the influence of alcohol or drugs.
- If a malfunction should occur, turn the machine off immediately and correct the problem, before restarting the machine.

### FOLLOW THESE SAFETY INSTRUCTIONS.

#### 1-2 VACUUM SAFETY

- Limit the operation only to those personnel trained in the proper use and operation of the vacuum.
- Never operate the machine without proper ventilation.
- Keep all clothing and your body away from the rotating equipment.
- Obey all safety labels and instructions affixed to the vacuum.
- Never run the vacuum engine faster than the factory settings.
- Do not stand close to or near the inlet, inlet hose, discharge, discharge hose, or collection bag while the unit is starting, running, or shutting down.

If there are any questions as to the safe operation of this equipment, please do not hesitate to contact us at 1-800-963-4458.

### 1-3 SAFETY LABELING

The following safety labels shown are affixed on the equipment. (NOTE: Labels 420Z-263 and 420Z-265 are **ONLY** affixed on the Vantage-Vac<sup>®</sup> and Versa-Vac units.) **Do Not** use the machine if any labels are missing, damaged, or have fallen off.

	<p><b>! WARNING</b></p> <p>To reduce the risk of serious injury or death:</p> <p>Equipment must be operated, serviced and maintained by trained personnel.</p> <p>Read and understand all instructions before operating, maintaining or servicing this machine.</p>	 <p>Scan code for instruction manual</p> <p>420Z-235</p>		<p><b>! WARNING</b></p> <p><b>Hot surface. Do NOT touch.</b></p> <p>420Z-233</p>				
	<p><b>! DANGER</b></p> <p><b>Turn OFF &amp; remove key from ignition before servicing or maintaining equipment.</b></p> <p>Rotating fan blades inside can crush or cut.</p> <p>Read and understand all instructions before operating, maintaining or servicing this machine.</p> <p>420Z-208</p>			<p><b>! DANGER</b></p> <p>Engines produce <b>carbon monoxide</b> which is an odorless deadly poison. <b>DO NOT OPERATE</b> in an enclosed area.</p> <p>420Z-234</p>				
	<p><b>! WARNING</b></p> <p><b>Stay clear of outlet and surrounding area when operating.</b></p> <p>Pressurized gas and material leaving outlet can cause severe injury or death if personnel are struck.</p> <p>Rotating fan blades inside can crush or cut.</p> <p>Never operate without collection device securely connected to outlet.</p> <p>420Z-209</p>	<p><b>! WARNING</b></p> <p><b>Attach debris guard or hose before starting vacuum.</b></p> <p>Failure to do so could result in serious injury or death</p> <p>Flying objects leaving discharge.</p> <p>420Z-265</p>						
	<p><b>! WARNING</b></p> <p><b>Stay clear of inlet when operating.</b></p> <p>Strong suction – clothing, hair, body parts, and other objects may be pulled into inlet.</p> <p>Rotating fan blades inside can crush or cut.</p> <p>Avoid wearing loose clothing or jewelry when operating.</p> <p>420Z-210</p>	<p><b>! WARNING</b></p> <p><b>Flying objects leaving discharge.</b></p> <p>Debris guard or hose <b>must</b> be attached to discharge before operating vacuum.</p> <p>Failure to do so could result in serious injury or death.</p> <p>420Z-263</p>						
<p><b>! WARNING</b></p> <table border="0"> <tr> <td> Hearing protection required</td> <td> Eye protection required</td> <td> Breathing protection required</td> <td> Protective clothing required</td> </tr> </table> <p>420Z-204</p>				 Hearing protection required	 Eye protection required	 Breathing protection required	 Protective clothing required	<p><b>! WARNING</b></p> <p><b>This side must face up.</b></p> <p>Failure to install the debris guard properly could result in serious injury or death.</p> <p>Flying objects leaving discharge.</p> <p>420Z-267</p>
 Hearing protection required	 Eye protection required	 Breathing protection required	 Protective clothing required					

Replacement label kits are available at no charge from Wm. W. Meyer & Sons, Inc. 1-800-963-4458. A Safety Supplement Data sheet is included with this manual. Keep this supplement with the machine for quick reference.



## SECTION II APPLICATION - INTENDED USE OF EQUIPMENT

The Meyer line of vacuums is designed to safely and easily remove materials.

The following chart lists the uses for which the vacuum models were intended.

Vacuum Model	Insulation Removal	Air Duct Cleaning
Vantage-Vac <sup>®</sup>	X	
Versa-Vac <sup>OS™</sup>	X	
Veloci-Vac <sup>®</sup>	X	X
Porta-Vac <sup>®</sup>		X

**NOTICE** This equipment must be used only for the purpose for which it was intended. Any other use could cause bodily injury to the operator, costly damage to the equipment and void the warranty.



## SECTION III RECEIVING AND UNCRATING

### 3-1 RECEIVING YOUR VACUUM

Immediately check the condition of your new vacuum as received. The machine was shipped in perfect condition and should arrive the same way. Ownership of the goods was transferred to the carrier as soon as it left our dock. If there are any visible problems, mark them on the Bill Of Lading that the carrier has and call his office immediately, before the driver leaves your premises. Meyer cannot file a claim on your behalf; however, please let us know by phone and writing about any problems so that we can assist you with immediate replacement parts or information.

### 3-2 UNCRATING YOUR VACUUM

Carefully remove all of the packing materials and check the parts against the Packing List. Your vacuum was test-run and shipped with all fluids at the proper levels. Check them now and top off as required.



## SECTION IV START-UP & OPERATION

**⚠️ WARNING** Fuel for this machine is highly flammable and explosive. Do not overfill the fuel tank. Allow room for expansion of the fuel. Fill the tank away from the engine and avoid spills. The fuel tank must be in contact with the ground before and during filling. Do not let the fuel line come in contact with the exhaust system. Failure to follow these precautions could lead to a fire and serious injury or death. The Vantage-Vac engine has an attached fuel tank, allow the engine to cool before refilling.

**⚠️ DANGER** Engine exhaust contains carbon monoxide, a poisonous gas that could kill you in minutes. You CANNOT see it, smell it, or taste it. Even if you do not smell exhaust fumes, you could still be exposed to carbon monoxide gas. If you start to feel sick, dizzy, or weak while using this product, shut it off and get to fresh air immediately. Seek medical attention immediately. You may have carbon monoxide poisoning.

**⚠️ WARNING** The surfaces of the engine and exhaust can be extremely hot. Do not touch, allow to cool before servicing.

**⚠️ DANGER** Rotating fan blades inside can crush or cut. The vacuum has a strong suction at the inlet. At all times keep hands, clothing, etc., away from the inlet of your vacuum.

**⚠️ WARNING** Pressurized air and material leaving the discharge can cause serious injury or death if personnel are struck. Stay clear of outlet and surrounding area while operating. Never operate without collection device securely connected to the discharge.

1. Place your equipment on a level surface. Position it so the collection bag will not be blown by the wind and come in contact with the engine exhaust system. Prevent the vacuum from moving. If your model is equipped with a wheel locking device, engage it.

**NOTE:** The Vantage-Vac and the Versa-Vac require that either a hose or the debris guard is attached to the discharge (refer to figure A). The vacuum will not start or continue to run without a hose or the debris guard attached. The Veloci-Vac has a discharge “Y” (refer to figure B) that must be mounted before any other attachment. The “Y” locks into place with a clockwise twist.



Figure A



Figure B

2. Attach a collection bag (over the debris guard or to the “Y”) or hose to the discharge.
3. Attach the hose to the inlet of the vacuum using the clamp provided. Additional hose lengths may then be attached to the inlet hose using hose connectors and clamps. NOTE: The vacuum will function better with less hose.
4. Attach the fuel tank to the engine and open the vent on the fuel tank. NOTE: The VANTAGE-VAC has an attached tank.
5. Start the engine. (Refer to the engine manual for the correct start-up and shutdown procedures.)

**REMEMBER SAFETY FIRST!!!!!!**

The throttle on the engine should be moved to “Slow” when the vacuum is not in use.

Do not stand close to or near the inlet, inlet hose, discharge, discharge hose, or discharge collection bag while the unit is starting, running, or shutting down.

At all times, protect yourself. There is always the possibility of material or foreign objects passing through the equipment.



**SECTION V  
SHUT DOWN**

**⚠ DANGER** Rotating fan blades inside can crush and cut. Do not remove any inlet or discharge attachment until the vacuum has come to a complete stop. Failure to do so will expose the operator to a moving fan blade which if contacted, will lead to serious injury or death.

1. Move the throttle to the slow position. Run the machine for approximately 5 minutes.
2. Turn the engine off and remove the key.
3. Remove the collection bag.
4. Disconnect the hose.





## SECTION VI MAINTENANCE

**ENGINE:** The cooling fan screen should be cleared of dust and debris after every use. Refer to the engine manual provided for additional service and maintenance.

**BATTERY:** The battery provided with your equipment is of the lead acid type. The battery cables should be checked daily for corrosion and tightness.

**FAN HOUSING AND WHEEL:** During the normal use of your vacuum, no maintenance is required on the fan wheel or housing.

If a problem noise or vibration should occur, stop the equipment immediately!! Contact the factory as soon as possible. Do not operate this equipment until it has been thoroughly checked by the factory or factory authorized representative.

**NOTICE** The fan wheel assembly has been balanced at the factory. Noises or vibrations coming from the fan indicate that for some reason the fan wheel has gone out of balance. The fan assembly is rotating at nearly 3600 rpm and if the fan wheel is out of balance, the possibility that the fan wheel will explode in the housing is high. The vacuum **MUST** be shut down immediately. Failure to do so could lead to serious injury or death and costly damage to the equipment.

The fan wheels are designed and manufactured specifically for these vacuums. Replacement fan wheels are only available from the manufacturer, do not attempt to substitute. Contact Wm. W. Meyer & Sons for replacement parts and if you have any questions or concerns at 1-800-963-4458.





# SAFETY SUPPLEMENT

Effective 11-1-2015

## ATTENTION INSTALLERS/OPERATORS FOR YOUR PROTECTION:

1. Read and understand the Operating Manual accompanying this equipment before performing any work.
2. Additional safety label kits are available from Meyer upon request at no charge. This is part of our effort to ensure this equipment is installed, operated and maintained in the safest possible manner. Affix these labels in locations to achieve maximum visibility and thereby alert any personnel that may ever be on-site that a potential for injury could occur.
3. Under no circumstances should this equipment be installed or operated in a manner that permits access to the interior of the vacuum.
4. Inlet and Outlet connections must always have collection device or hose attached.
5. In the event that the inlet or outlet is ever exposed, proper guarding to prevent access to the vacuum interior must be installed immediately and prior to start-up.
6. ***Always shut off unit and remove key*** before performing any work.
7. Always keep loose clothing, hands, feet or any parts of your body, tools and/or any foreign objects away from the inlet and outlet of the vacuum.
8. Never remove any collection device or hose that is on the vacuum without first shutting the vacuum down and removing the key.
9. Consult the Meyer factory if you have any questions regarding the proper installation, operation and maintenance of this equipment.

Wm. W. Meyer & Sons, Inc.

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Website: <http://www.meyervacuums.com>

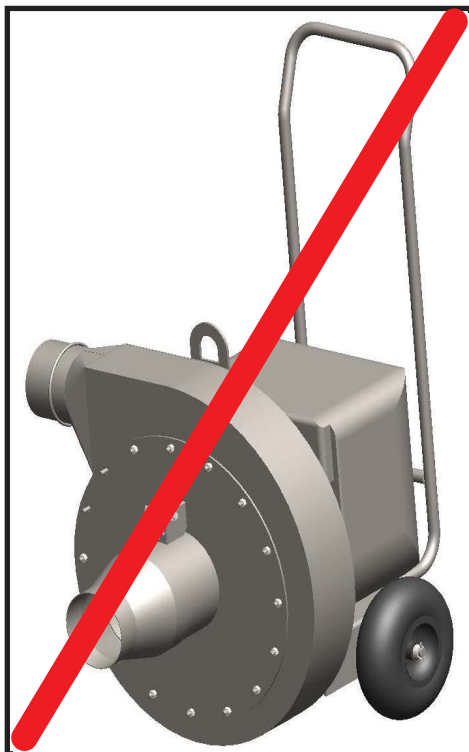
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# PORTABLE VACUUM SAFETY PRECAUTIONS

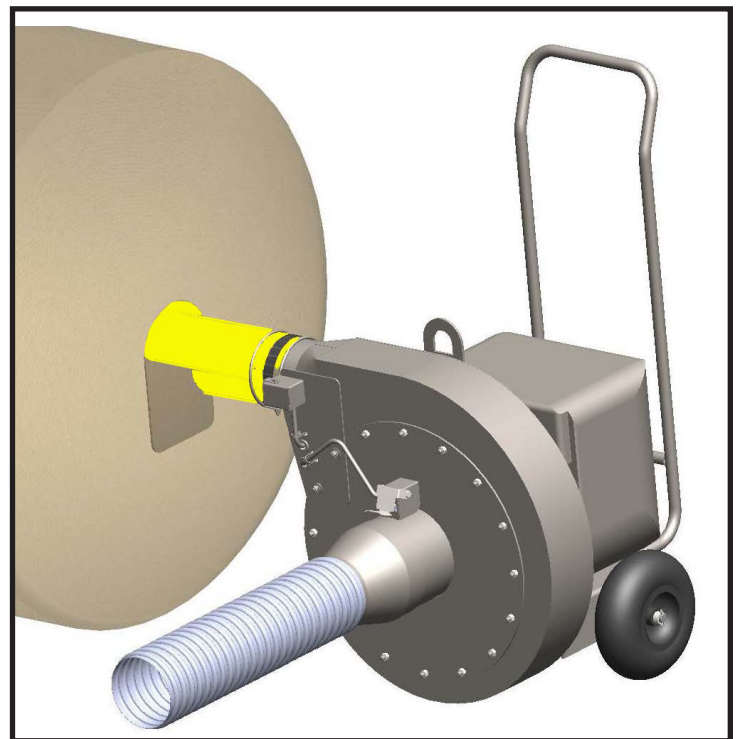
TYPICAL PORTABLE VACUUM, IMAGES ARE FOR REFERENCE ONLY.



ALWAYS SHUT DOWN VACUUM AND REMOVE IGNITION KEY BEFORE SERVICING OR MAINTAINING.





NEVER OPERATE THE VACUUM WITHOUT HOSE ATTACHED TO INLET OR CONNECTION DEVICE ATTACHED TO OUTLET.





## SAFETY LABELS


Locate all of the safety labels on your equipment and know their meaning before operating your Portable Vacuum.

	<b>! WARNING</b>	 Scan code for instruction manual 420Z-235
	To reduce the risk of serious injury or death: Equipment must be operated, serviced and maintained by trained personnel. Read and understand all instructions before operating, maintaining or servicing this machine.	


	<b>! WARNING</b>
	<b>Hot surface. Do NOT touch.</b> 420Z-233

	<b>! DANGER</b>
	<b>Turn OFF &amp; remove key from ignition before servicing or maintaining equipment.</b> Rotating fan blades inside can crush or cut. Read and understand all instructions before operating, maintaining or servicing this machine. 420Z-208







	<b>! DANGER</b>
	Engines produce <b>carbon monoxide</b> which is an odorless deadly poison. <b>DO NOT OPERATE</b> in an enclosed area. 420Z-234

	<b>! WARNING</b>
	<b>Stay clear of outlet and surrounding area when operating.</b> Pressurized gas and material leaving outlet can cause severe injury or death if personnel are struck. Rotating fan blades inside can crush or cut. Never operate without collection device securely connected to outlet. 420Z-209

<b>! WARNING</b>
<b>Attach debris guard or hose before starting vacuum.</b> Failure to do so could result in serious injury or death Flying objects leaving discharge. 420Z-265

	<b>! WARNING</b>
	<b>Stay clear of inlet when operating.</b> Strong suction – clothing, hair, body parts, and other objects may be pulled into inlet. Rotating fan blades inside can crush or cut. Avoid wearing loose clothing or jewelry when operating. 420Z-210

<b>! WARNING</b>
<b>Flying objects leaving discharge.</b> Debris guard or hose <b>must</b> be attached to discharge before operating vacuum. Failure to do so could result in serious injury or death. 420Z-263

<b>! WARNING</b>					
					
Hearing protection required	Eye protection required	Breathing protection required	Protective clothing required		
420Z-204					

<b>! WARNING</b>
<b>This side must face up.</b> Failure to install the debris guard properly could result in serious injury or death. Flying objects leaving discharge. 420Z-267

NOTE: Contact Wm. W. Meyer & Sons, Inc. at 800-963-4458 for free replacement safety label kit.

# SAFETY SUPPLEMENT

**Wm. W. Meyer & Sons, Inc.  
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