



Wm. W. Meyer & Sons, Inc.
Libertyville, IL

OPERATION AND MAINTENANCE MANUAL

MEYER INSUL-VAC

291-E-003



MANUFACTURED BY:

**Wm. W. Meyer & Sons, Inc.
1700 Franklin Blvd.
Libertyville, IL 60048**

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SECTION 1: WARRANTY

ADMINISTRATION:

President	Wm. W. Meyer III	Ext. 223
Vice- President	Ken Nowak	Ext. 201

SALES – COMMERCIAL PRODUCTS GROUP:

VP / Director of Sales & Marketing	Raymond J. Galuska	Ext. 235
Sales Manager Commercial Group	Alex Cvijovic	Ext. 231
Sales Engineer	Brian McPike	Ext. 209
Sales Engineer	Kevin Kowalski	Ext. 229
Customer Service Rep	Kimberly Joice	Ext. 230

FINANCE / CREDIT:

VP / Controller	Kenneth A. Nowak	Ext. 201
Credit Manager	Rosemarie Cozzi	Ext. 204

ENGINEERING:

Chief Engineer	Tim Milburn	Ext. 244
Product Engineer	Steve Ansai	Ext. 236

MANUFACTURING:

Production Manager	Rich Gardner	Ext. 214
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SERVICE:

Sales – Duct Cleaning	Alex Cvijovic	Ext. 231
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**PLEASE DO NOT HESITATE TO CONTACT ANY OF US. WE ARE HERE TO
PROVIDE YOU THE BEST POSSIBLE SERVICE WE CAN**

TELEPHONE: 847-918-0111

FAX: 847-918-8183

E-MAIL: sales@wmwmeyer.com



GENERAL PROVISIONS AND LIMITATIONS

Wm. W. Meyer and Sons, Inc. (the "Company") warrants to each original retail purchaser ("Purchaser") of its new products from the Company or its authorized distributor that such products are at the time of delivery to the Purchaser, made with good material and workmanship. No warranty is made with respect to:

- 1) Any product, which has been repaired, disassembled, or altered in such a way in the Company's judgment, as to affect the product adversely.
- 2) Any product which has, in the Company's judgment been subject to negligence, accident, improper storage, or improper installation or application.
- 3) Any product whose performance or fitness for service is alleged to have been adversely affected due to the passage of, or exposure to materials, environments or operating conditions with abrasive or corrosive characteristics.
- 4) Any product which has not been operated or maintained in accordance with normal practice and with the recommendations of the Company.
- 5) Components or accessories manufactured, warranted and serviced by others.
- 6) Any reconditioned or prior owned product.

Claims for items described in (5) above should be made directly to the original manufacturer.

WARRANTY PERIOD

The Company's obligation under this warranty is limited to repairing or, at its option, replacing, during normal business hours at its Libertyville plant or factory authorized service depot, any part which in its judgment proved to be not as warranted within the applicable Warranty Period as follows:

Meyer Power Vacuums

All "Meyer Power Vacuums", and consisting of all components manufactured by Wm. W. Meyer and Sons are warranted for 24 months from the date of initial use or date of shipment to the first purchaser.

Any disassembly or partial disassembly of the vacuum, or the failure to return the component part per Company instructions, will be cause for denial of warranty.

OTHER ACCESSORY PACKAGES AND COMPONENTS

All other components are warranted for 12 months from the date of initial use or 18 months from the date of shipment to the first purchaser, whichever ever comes first.

Engines, motors, compressors, controls and/or any accessory item furnished by the Company but manufactured by others are warranted only to the extent of the original manufacture's warranty.

LABOR AND TRANSPORTATION

The Company will provide labor, by Company representative or authorized service personnel, for repair or replacement of any product or part thereof which in the Company's judgment is proved not to be as warranted. Labor shall be limited to the amount specified in the Company's labor rate schedule.

Labor costs in excess of the Company rate schedule amounts or labor provided by unauthorized service personnel is not provided for by this warranty.

All costs of transportation of product, labor or parts claimed not to be as warranted: to or from Libertyville, Illinois or an authorized service depot, shall be borne by the Purchaser. The Company may require the return of any part claimed to be as warranted to its Libertyville, Illinois plant or a facility as designated by Company, transportation to be pre-paid by Purchaser; to establish a claim under this warranty.

Replacement parts provided under the terms of the warranty are warranted for the remainder of the Warranty Period of the product upon which installed to the same extent as is such parts were original components thereof.

RETURNED GOODS

All claims must be communicated to a Company Sales/Service person prior to shipment at which time a Returned Goods Authorization number (RGA No.) will be issued. All shipping containers must be clearly marked with this RGA No. All returned goods must be shipped freight prepaid only and within 15 calendar days of authorization. Failure to do so may result in refusal of the shipment and/or warranty claim, delay in handling and/or additional charges.

DISCLAIMER

THE FOREGOING WARRANTY IS EXCLUSIVE AND IT IS EXPRESSLY AGREED THAT, EXCEPT AS TO TITLE, THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY.

THE REMEDY PROVIDED UNDER THIS WARRANTY SHALL BE THE SOLE, EXCLUSIVE AND ONLY REMEDY AVAILABLE TO THE PURCHASER AND IN NO CASE SHALL THE COMPANY BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES. UNDER NO CIRCUMSTANCES SHALL THE COMPANY BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, EXPENSES, LOSSES OR DELAYS HOWSOEVER CAUSED. No statement, representation, agreement, or understanding, oral or written, made by any agent, distributor, representative or employee of the Company which is not contained in this Warranty will be binding upon the company unless it is made in writing and executed by an officer of the Company.

This warranty shall not be effective as to any claim which is not presented within 30 days after the date upon which the product is claimed not to have been as warranted. Any action for breach of this warranty must be commenced within one year after the date upon the cause of action occurred.

Any adjustment made pursuant to this warranty shall not be construed as an admission by the Company that any product was not as warranted.

File number: 875-B-002

Effective: 2-1-97



File No. 875-G-002
Effective 5-6-96

Wm. W. Meyer & Sons, Inc.

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QUALITY ASSURANCE POLICY

The reputation that a company holds for supplying reliable products of good quality has the most critical influence on its market position and constitutes a priceless asset.

Quality and reliability are the inherent characteristics of a product that determine the degree to which the product consistently performs as required and will satisfy the reasonable expectations of the customer.

Commitment to quality cannot be delegated. It starts neither at the top nor the bottom, but should be pursued equally by every member of our workforce. We cannot inspect quality into our products; we therefore have to plan for quality, get it right the first time everytime and gradually reduce those things that can rob our customers of the value they deserve and have come to expect.

Customers pay our wages. We strive to develop satisfied customers by supplying products that conform to their requirements, are delivered on time and at a competitive price. Our name must represent quality to our customers, our suppliers and ourselves.

We stand ready to be assessed upon the following principles in order that our customers can be confident we maintain the high standards we have set for ourselves.

- Each and every customer order will be processed in a manner to assure our customers the highest degree of satisfaction.
- We will design, manufacture, sell and support products that will satisfy the reasonable safety, quality and reliability expectations and requirements of the customer.
- Our quality standards in all cases shall be above average in relation to what constitutes good industry practice.
- We will establish, maintain and improve our quality control system to assure that quality is maintained at the specified levels.
- We will safeguard the interests of the customer and the company by thoroughly evaluating potential product warranty claims, by adopting suitable precautions to preclude their occurrence, and by taking speedy corrective action when a problem occurs.
- We must make certain that the Company's reputation as a quality supplier does not suffer as a result of an inordinate emphasis on either cost or delivery, and consistently strive to provide proper value to the customer.


Engineering Manager


Sales Manager


Operations Manager


General Manager

YOUR SOURCE FOR BULK HAND INTRAIR PROCESS EQUIPMENT

SECTION 2: SAFETY

2-1 GENERAL

Safety is proudly built into every product manufactured by Wm. W. Meyer and Sons, Inc. Carelessness and / or negligence are the usual causes for personnel injury and equipment failure. Safety is very important to everyone so we insist that all operators read and understand this manual.

- 1) Equipment is to be operated by trained qualified personnel only.
- 2) Always read and follow the operating and safety procedures.
- 3) Do not operate without all guards and safety equipment installed in the proper location and in working order.
- 4) Do not disable any safety features. They are there for your protection.
- 5) Always use qualified personnel when repairing or maintaining the equipment.
- 6) This equipment must be used only for the purpose for which it was intended. Any other use will void the warranty and could cause bodily injury to the operator and costly damage to the equipment.
- 7) If a malfunction should occur, turn the machine off immediately and correct the problem, before restarting the machine.
- 8) Do not leave the equipment unattended while it is running.
- 9) Do not wear loose clothing or jewelry when operating this equipment. A hat or a hair net should confine long hair.
- 10) Do not operate under the influence of alcohol or drugs.

If there are any questions as to the safe operation of this equipment, please do not hesitate to contact us at 1-800-797-8227

SECTION 3: SPECIFICATIONS

3-1 PURPOSE

The Meyer **Insul-Vac** is designed to safely and easily remove existing insulation.

HEIGHT: 36"

WIDTH: 22 1/8"

DEPTH: 24 1/4"

WEIGHT: APPROX 125 LBS

SECTION 4: PRE START-UP CHECKLIST

4-1 RECEIVING YOUR INSUL-VAC

Immediately check the condition of your new **INSUL-VAC** as received. The machine was shipped in perfect condition and should arrive the same way. 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. As sympathetic as we are to any damages or shortages that occur in shipping Wm. Meyer and Sons has no legal recourse for such claims. Title to your machine was transferred to the carrier as soon as it left or dock. However, please let us know by phone and writing about any problems so that we can assist you with immediate replacement parts or information.

4-2 UNCRATING

Carefully remove all of the packing materials and check the parts against the Packing List. Your **INSUL-VAC** was test-run and shipped with all fluids at the proper levels. Check them now and top off as required. Fill the gas tank. Your new **INSUL-VAC** is now ready for operation.

SECTION 5: START-UP



AT ALL TIMES KEEP YOUR HANDS, CLOTHING, ETC. AWAY FROM THE INLET AND DISCHARGE OF YOUR INSUL-VAC.

- 1) Place your **INSUL-VAC** on a level surface. Position it so the filter bag will not be blown by the wind and come in contact with the exhaust system.
- 2) Attach the filter bag to the **INSUL-VAC** discharge using the strap clamp provided.
- 3) Attach the hose to the inlet of the **INSUL-VAC** using the clamp provided.
- 4) Additional hose lengths may then be attached to the hose using hose connectors and clamps.



DO NOT OVERFILL THE GAS TANK. ALLOW ROOM FOR EXPANSION OF THE FUEL. DO NOT LET THE FUEL LINE COME IN CONTACT WITH THE EXHAUST SYSTEM.

- 5) Refer to the engine manual for the correct starting procedures for the engine. Start the engine.
- 6) Your **INSUL-VAC** is now ready for service.



REMEMBER SAFETY FIRST!!!!!!

- 1) When not using the **INSUL-VAC** move the throttle to the slow position.
- 2) Your **INSUL-VAC** is a powerful vacuum and should be treated as such. Wooden boards nails and other foreign materials other than dust are commonly found in attics along with the insulation. There is always the possibility of these objects penetrating the filter bag. Keep children and pets away from the machine while it is running.

SECTION 6: SHUT DOWN

- 1) Move the throttle to the slow position. Run the machine for approx. 5 minutes.
- 2) Turn the engine off
- 3) Remove the bag.
- 4) Disconnect the hose



CAUTION! Do not remove the hose or the bag until the **INSUL-VAC** has come to a complete stop.

SECTION 7: PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY
	422A-093	INSUL-VAC ASSEMBLY	1
2	450JD024	8" PNEUMATIC WHEEL	2
4	422A-016	FAN WHEEL	1
5	450U-230	8 HP ENGINE	1
15	450PT067	ADJUSTABLE STRAP CLAMP	1
16	450TB049	DISPOSABLE BAG	5

7-2 MAINTENANCE

- 1) **ENGINE:** Refer to the attached service manual for the engine servicing.
- 2) **BATTERY:** The battery provided with your equipment is of the lead acid type. The battery cables should be checked daily for corrosion and tightness.
- 3) **FAN HOUSING AND WHEEL:** During the normal use of your **Insul-Vac**, 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.



The fan wheel assembly has been balanced at the factory. Noises or vibrations coming from the fan means that for some reason the fan wheel has become out of balance. The assembly is rotating at 3600 rpm. In an out of balance situation the possibility of the wheel exploding in the housing is extremely great if allowed to continue. ***The possibility of injury or death to the operator or any bystanders is very real.***

Do not replace the factory fan with any other fan other than the factory-approved replacement.

SECTION 8: TROUBLESHOOTING

ENGINE: Refer to attached owner's manual for engine servicing and troubleshooting

NO SUCTION FROM THE END OF THE HOSE:

- 1) Stop engine
- 2) Check hoses for blockage or loose connections
- 3) Check fan inlet for blockage
- 4) Check discharge for blockage
- 5) Inspect fan interior for blockage