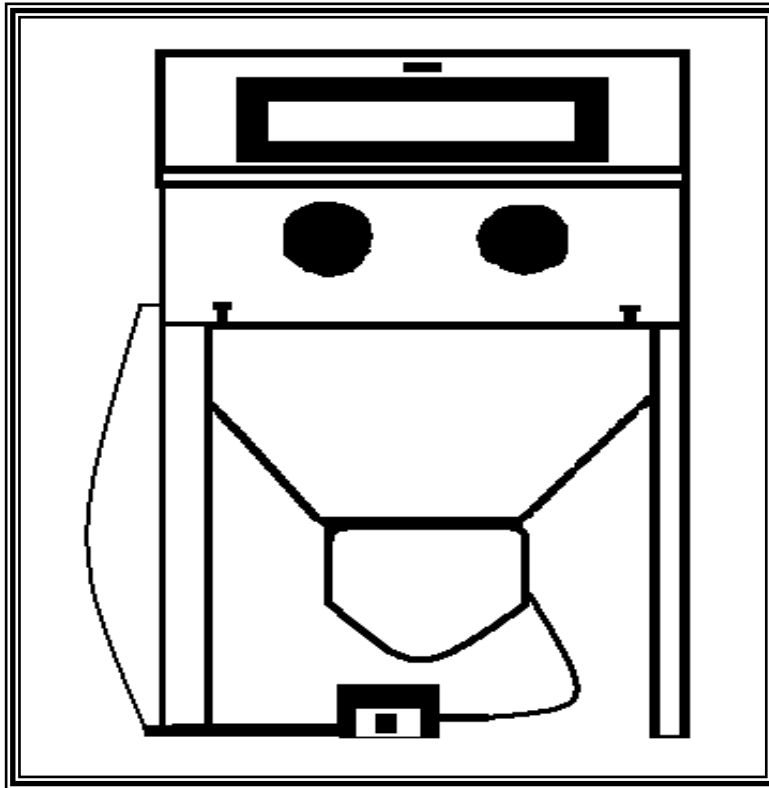


YA4826P OWNERS MANUAL



ATTENTION: Read carefully before attempting to assemble, install, operate or service your pressure Blast Cabinet. Failure to comply with instructions could result in personal injury and/or property damage! Retain this folder for future reference.

WARNING: These are dry-blast units. They are not made to accommodate moisture or fluids of any kind used separately or as a mix with blast media.

GENERAL SAFETY INFORMATION

1. Follow all electrical and safety codes, as well as the National Electric Code (NEC) and the Occupational Safety and Health Act (OSHA).
2. Use only adequate extension cords with 3-prong grounding-type plugs, and which are of adequate size for longer runs. Use a 3-prong receptacle to plug in to. Unit is equipped with 3-prong grounding plug for your protection against shock hazard.
3. Replace or repair damaged or worn cord immediately.
4. Make sure that the power source conforms to the requirements of your equipment.
5. **WARNING: Do not operate cabinet with lid open. This could result in skin damage, serious eye damage, or blindness if the blast were to come in contact with unprotected parts of the body.**
6. Use only O.E.M. replacement parts.
7. Do not use fluids, or mix fluids, with blast media for blasting. These cabinets are designed to accommodate dry blasting media. Use of fluids of any kind will result in clogging of gun system and possible damage to exhaust system.
8. Keep media cleaned up from floor around the machine and in storage places. Most forms of blasting material are very fine ground, consequently slippery. A small amount spilled on floor from filling machine could cause a person to fall.
9. Do not exceed maximum 120 p.s.i. operating pressure.
10. Follow assembly instructions before plugging unit into electric power. 115 V may cause severe shock of hand slips into light fixture when inserting bulb.
11. Clean all residue from parts before using.

SPECIFICATIONS:

Air Requirement.....18 C.F.M.

Internal gun system....1/2" I.D. reinforced sandblast hose .
1/8" I.D. ceramic nozzle

Lighting.....Two flood lamps.

Exhaust system....100 CFM –110 volt 60HZ
30 gallon.

INSTALLATION: Before plugging machine into power source, open access door and screw bulbs into socket located on interior of cabinet.

1. Locate blast cabinet where it may be plugged into a permanently energized 115 volt electrical 60hz AC outlet, making sure the receptacle will accept the 3-pronged plug to insure grounding of the unit.

CAUTION: Do not attempt to screw light bulbs into light sockets at any time when machine is plugged into an electrical outlet.

2. Place 30 gal. drum at left rear of cabinet. Remove vacuum head assy. from inside of cabinet remove packaging and place on drum with filter inside. Using clamps provided, attach exhaust hose to dust collector and flange at rear of cabinet.

CAUTION: This blast cabinet is equipped with a three prong (grounding) plug for your protection against shock hazards, and should be plugged directly into a properly grounded three-prong receptacle. Where a two prong receptacle is encountered, it must be replaced with a properly grounded three prong receptacle in accordance with the National Electrical Code and local codes and ordinances. THIS WORK SHOULD BE DONE BY A QUALIFIED ELECTRICIAN. A grounding adapter may be used. The green lead from the side of the adapter should be securely connected to suitable electrical ground, such as grounded water pipe, properly grounded metallic raceway, or ground wire system.

NOTE: Use of a three-prong adapter is prohibited by the Canadian Electrical Code.

3. Make sure dust collector power switch is in off position. Plug power cord on dust collector into the pigtail on blast cabinet. (This allows you to operate cabinet lights and dust collector from one switch on cabinet.)

4. Remove foot pedal from packaging and place in front of machine on the floor.

5. Hook shop air to pressure vessel. The air inlet is located at tee facing the rear of the machine. **Make sure ball valve is closed when hooking air to 1/2" pipe tee. (See exploded view for exact location of air-in and foot valve hook-up.)**

CAUTION: Close access doors before blasting! Always wear approved safety glasses when operating or performing maintenance on this machinery.

WARNING: Do not attempt to circumvent safety features. Serious injury may result.

NOTE: Machine must be supplied by an air compressor that will deliver 18 C.F.M. @ 80 p.s.i. for constant usage. Do not operate machine in excess of 120 p.s.i.

OPERATION

1. To charge the system fill hopper with desired media. The media will flow down the hopper into pressure vessel.

2. Adjust air supply to 70-100 p.s.i.. This range will give the best results while not draining air supply or causing rapid deterioration of media. Open air-in valve all the way.

4. Open sand metering ball valve approximately 1/4. Located at bottom of tank on cabinet.

NOTE: Softer metals and materials or delicate parts should be cleaned at lower pressures to prevent undesirable peening. Non-critical parts requiring rapid cleaning or peening may be done with higher air pressure for speed. For best results the operator should continuously move the media spray over the work surface. This will help insure an even blast pattern. Hard to clean areas will require a more concentrated blast. Do not mix fluids with the media. Keep media clean from floor to prevent slipping or falling.

4. Place part to be blasted inside cabinet, close access doors and latch.

5. Turn lights/vacuum on.

6. Put arms into gloves and hold blast hose tightly.

7. To begin blasting depress foot pedal.

8. To stop blasting let up on foot pedal.

10. Release foot pedal to allow plunger on pressure vessel to drop, and media to flow down hopper into pressure vessel.

MAINTENANCE:

1. To clean dust from the inside of the cabinet, close the sand valve at bottom of pressure vessel and use the air supply to stir up the dust. Continue this operation until the vacuum has drawn excess dust from the unit.
2. Clean exhaust as needed. Replace filter on dust collector as needed.

3. Check the blast nozzle daily for signs of wear. When worn, the nozzle will create a poor blast pattern. To replace; loosen nut on nozzle holder and take out used nozzle. Inset new nozzle so that it is bottomed out in the casting. Retighten the nut.
4. Check the blast hose for wear. Replace as necessary.

LIMITED WARRANTY

Snap-on Sandblast equipment is warranted by the manufacturer to the original user against defects in workmanship or materials under normal use (rental use excluded), for one year after date of purchase. Any part which is determined to be defective in material or workmanship and returned to an authorized service location, as designated, shipping costs pre-paid, will be repaired or replaced at manufacturer's option. For warranty claim procedures, see "Prompt Disposition" below. This warranty gives purchasers specific legal rights, and purchasers may also have other rights, which vary, from state to state.

WARRANTY DISCLAIMER: The manufacturer has made a diligent effort to illustrate and describe the products in this literature accurately; however, such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are merchantable, or fit for a particular purpose, or that the products will necessarily conform to the illustrations or descriptions.

Except as provided below, no warranty or affirmation of fact, expressed or implied, other than as stated in "LIMITED WARRANTY" above, is made or authorized by the manufacturer, and the manufacturer's liability in all events is limited to the purchase price paid.

Certain aspects of disclaimers are not applicable to consumer products; e.g.: (a) some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you; (b) also, some states do not allow limitations on how long an implied warranty lasts, consequently the above limitation may not apply to you; and (c) by law, during the period of the limited warranty, any implied warranties of merchantability or fitness for a particular purpose applicable to consumer products purchased by consumers, may not be excluded or otherwise disclaimed.

PROMPT DISPOSITION: The manufacturer will make a good faith effort for prompt correction or other adjustment with respect to any product which proves to be defective within warranty. For any product believed to be defective within warranty, first write or call dealer from whom the product was purchased. Dealer will give additional directions. If unable to resolve satisfactorily, write to address below, giving dealers name, address, date, and number of dealer's invoice, and describing the nature of the defect. If the product was damaged in transit to you, file claim with the carrier

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DUST COLLECTION SYSTEM

DESCRIPTION:

Your dust collection system is designed to remove the broken down air born media from the cabinet. The air-flow and vacuum operation of the unit is designed to provide high efficiency blasting while making the media perform for longest duty possible.

ATTENTION:

Read these instructions carefully before attempting to assemble, install or operate your dust collection system. Failure to comply with these instructions could result in personal injury or property damage. Retain this information for future reference.

GENERAL SAFETY INFORMATION:

1. Read entire assembly, setup, operation and service requirement of machine you connect the dust collection system to before putting the equipment into service.
2. Always unplug the machine power cord and disconnect the air supply before performing any maintenance or troubleshooting, and after each use.
3. Read all safety and warning labels on machine exterior before beginning operation.

ASSEMBLY AND SETUP:

1. Your dust collection system is supplied assembled and ready for connection to your abrasive blasting system. Open the shipping carton and remove the assembly.
3. Using clamp provided connect the dust collector hose to the outlet located at the rear of the blast cabinet.
4. Using clamp provided, connect the other end of the dust collector hose to the 4" inlet on the drum.
5. Connect the dust collector power cord into the pigtail provided on the abrasive blast cabinet.
6. Follow, understand, and complete all assembly, operating, and safety information on your abrasive blast cabinet.
7. Your dust collection system is now ready for operation. Turn the dust collector on by positioning the on/off toggle switch to the on position. Switch will light when vacuum is on.

DUST COLLECTION SYSTEM MAINTENANCE

1. Clean reservoir when dust build-up at bottom is still under inlet elbow.
2. The filter should be blown out with low pressure shop air as necessary.
3. Replace filter when it can no longer be cleaned to a dust free degree.