



Suction (S) Series Blast Cabinet Owner's Manual



SUPERIOR PERFORMANCE
And Quality In Blast Cleaning Equipment



! WARNING

READ MANUAL

Failure to read, understand & follow all safety and operation procedures in this manual can cause injury or death. Manuals that are lost, incomplete, or damaged, must be replaced immediately

Manual # sseries1904

Table of Contents

Important Notice	3
Warnings.	4
Important Safety Items	5
Basic Principles	6
Set-Up Requirements.	6 & 7
Media Types	7
Cabinet Installation (S4836-6FH / 6F)	8
Cabinet Installation (S4836-62C)	9
Cabinet Installation (S4848-92C)	10
Cabinet Installation (S4848-9FH)	11
S Series Cabinet Operation	12
S Series Cabinet & Dust Collector Maintenance ...	12 & 13
S Series Suction Gun Adjustment	13
S Series Air Flow Schematic	14
S Series Cabinet Parts	15
S Series Cabinet Parts cont'd	16
S Series Suction Gun Breakdown	17
S Series 150 CFM Dust Collector	18
S Series Electrical Schematic	19
S Series Trouble Shooting	20
CSA Certificate of Compliance	21
Upgrade Kits & Options	22
Warranty Coverage	22

Important Notice

TO DISTRIBUTORS, PURCHASERS AND END USERS OF MOD-U-BLAST PRODUCTS

The information provided described and illustrated in this material is intended for experienced, knowledgeable users of abrasive blasting equipment and supplies(products).

The products described in this material may be combined as determined solely by the user in a variety of ways and purposes. However no representations are made as to intended use, performance standards, engineering suitability, safe practices or compliance with government regulations and laws that apply to these products, products of others, or a combination of various products chosen by the user or others. It is the responsibility of the users of these products, products of third parties, and a combination of various products, to exercise caution and familiarize themselves with all applicable laws, government regulations and safety requirements.

Nor are representations made or intended as to the useful life, maintenance cycles, efficiency or performance of the referenced products of any combination of products. This material must not be used for estimating purposes. Production rates, labour performance or surface finishes are the sole responsibility of the user based on the user's expertise, experience and knowledge of industry variables.

It is the responsibility of the user to insure that proper and comprehensive training of operators has been performed and all environmental and safety precautions observed.

Mod-U-Blast Inc. provides a variety of excellent products to the surface preparation industry, and we are confident that all proficient users, operators and contractors in this industry will continue to use our products in a safe and knowledgeable manner.

Before using this product, read all instructions, literature, labels, specifications and warnings sent with and affixed to the unit.

If operation of the unit is unclear after reading this manual, contact your supervisor for instructions. It is the responsibility of the employer to read the following instructions to users of this equipment. Periodic inspection at the work site should be made by supervisory personnel to ensure the blast machine is being properly used and maintained. A copy of this owner's manual must be kept with the blast machine and readily accessible to the blast machine operators at all times.

Warnings



Over time, exposure to any dust could result in lung medical issues or death. Use a reverse pulse dust collector with HEPA filters if lead or other toxic materials are removed from items during the blasting process.



Never point the blast nozzle at the viewing window. Blow-off parts before opening the door. Keep doors closed until all dust has been exhausted after blasting.



Do not disconnect hoses while the system is under pressure, this could cause serious injury or death. Use coupler lock pins and hose whips to prevent accidental disconnection.



Use proper respirator and eye protection when servicing any component in this blast system.



Do not disable the safety door interlock system as it may cause injury from unintentional blasting.



When servicing the cabinet disconnect and lock out the electrical supply and disconnect the air line from the compressor.

1. Important Safety Items

Read all instructions before using this equipment. For efficient and safe production reference the OSHA requirements.

1.1 Suction Series Cabinet Manual

This manual contains important instructions for the safe operation of this cabinet and its related equipment. Before attempting to operate this suction series cabinet and its components all personnel intending on using this equipment must read the complete manual and familiarize themselves with the operation and parts.

1.2 Safety Considerations

- Suction series blast cabinets require high pressure air to operate.
- The blast cabinet must be grounded to avoid shock.
- Electric extension cords must be three wire grounded and rated for the amperage of the blaster. Check the cabinet serial tag for the rated amps.
- Dust from the blast cabinet should be collected by a reverse pulse collector or a dry filter and must not be allowed to become concentrated in areas where workers are exposed. This requires proper maintenance of the dust collection system.

1.3 Operator's Responsibilities Before Starting

- Inspect fittings and hoses for damage and wear. Repair any air leaks before operating.
- Check the gaskets on all doors.
- Only operate the blast cabinet with all the doors securely closed and with the dust collection system running.
- Clean the dust collector filters as needed and empty the dust collector hopper daily.

IMPORTANT NOTE: If using a reverse pulse dust collector the filters need to be seasoned before pulsing. Do not turn on the auto pulse or manually pulse until 2 hours of blasting has occurred. Dust collectors with sock type filters do not need seasoning. Consult the dust collector manual for more clarification.

1.4 Cautions

- The Mod-U-Blast suction series blast cabinet is to be used with appropriate media. Contact your representative for information.
- The compressed air supply to the suction system needs to be dry.
- Working pressure of the blast cabinet and related components must not exceed 100 P.S.I.
- Keep the blast nozzle controlled and aimed at the work always.

1.5 Maintenance

- Disconnect the power and air supply from cabinet before servicing.
- Keep your machine in good repair. Use Mod-U-Blast parts only and do not substitute or modify.

2. Basic Principles

2.1 Mod-U-Blast S Series Suction Blast System Description

Our suction blast systems consists of these important components:

- Blast cabinet
- Suction Gun & Metering Valve
- Reclaimer
- Dust Collection

2.2 How The Suction Blast System Works

With the cabinet doors closed, the main air to the inlet on the cabinet is turned on and media is loaded in through the reclaimer. Turn on the switch for the cabinet lights and press the start button for the exhaust fan (if required). The suction blast cabinet is now ready to use. Press the foot pedal to start blasting. While blasting the object to be cleaned, the used media falls through the perforated floor into the hopper. It is then pulled up into the reclaimer where the used media is separated and the fine dust is captured in the dust collector and the heavier particles are deposited through a screen into the bottom of the reclaimer for reuse.

3. Set-Up Requirements

3.1 Location

Before setting up your cabinet remember the following points:

- The Mod-U-Blast suction blast cabinet requires a compressed air supply. **NOTE: The compressed air supply for this unit needs to be completely dry.**
- The cabinet needs a power supply (see paragraph 3.4)
- This cabinet is designed to be used in a heated indoor location.
- Dust can escape from the cabinet while loading and unloading or while servicing the dust collector.

3.2 Compressed Air Requirements

- The compressed air supply should be sized according to the table (shown below.)

Pipe or Hose Length	VOLUME OF AIR IN CFM'S				
	25	30	35	40	50
25'	.75	.75	.75	.75	1
50'	.75	.75	.75	1	1
75'	.75	.75	1	1	1
100'	.75	.75	1	1	1
150'	.75	1	1	1	1

3. Set-Up Requirements cont'd

3.3 Nozzle CFM Requirements at 80 psi

Nozzle No.	Nozzle Size in.	Air Req'd CFM
3.5	1/8"	15
4**	1/4"	21
5	5/16"	32
6	3/8"	47

** Standard nozzle in S series cabinets. Nozzle CFM's listed above are with using a new nozzle - cfm numbers will increase as the nozzle becomes worn.

3.4 Electrical Requirements

- Electrical requirements for Mod-U-Blast suction series cabinets depends on the size of cabinet and reclaimer being used. E.g. The most common cabinets require 1-Ph, 1-Hp at 115 Volts. The light switch will turn on the cabinet lights and the exhaust fan.
- For any fan motor 2 HP and over a separate motor controller will need to be installed by a certified electrician to control the large power demand required at start-up.

4. Media

Glass Bead Ordering Information

Stock No.	Description	Size
71003	#3 (20-30 mesh) glass bead	20 Kg
71004	#4 (30-40 mesh) glass bead	20 Kg
71005	#5 (40-50 mesh) glass bead	20 Kg
71005	#6 (50-70 mesh) glass bead	20 Kg
71007	#7 (60-80 mesh) glass bead	20 Kg

Stock No.	Description	Size
71008	#8 (70-100 mesh) glass bead	20 Kg
71010	#10 (100-170 mesh) glass bead	20 Kg
71011	#11 (120-200 mesh) glass bead	20 Kg
71012	#13 (170-325 mesh) glass bead	20 Kg
71100	MGA MANUS Glass Abrasive	20 Kg

Aluminum Oxide Ordering Information

Stock No.	Description	Size
70012	12 grit Aluminum Oxide	50 lbs.
70016	16 grit Aluminum Oxide	50 lbs.
70020	20 grit Aluminum Oxide	50 lbs.
70024	24 grit Aluminum Oxide	50 lbs.
70030	30 grit Aluminum Oxide	50 lbs.
70036	36 grit Aluminum Oxide	50 lbs.
70054	54 grit Aluminum Oxide	50 lbs.

Stock No.	Description	Size
70060	60 grit Aluminum Oxide	50 lbs.
70080	80 grit Aluminum Oxide	50 lbs.
70100	100 grit Aluminum Oxide	50 lbs.
70120	120 grit Aluminum Oxide	50 lbs.
70180	180 grit Aluminum Oxide	50 lbs.
70220	220 grit Aluminum Oxide	50 lbs.

Aluminum Oxide - 12 grit is coarse, 60 grit is medium, 100 grit is fine & 220 grit is very fine
Other Medias are available that are softer - please contact your Mod-U-Blast dealer for further information

S Series Cabinet Installation

Installations vary depending on the type of dust collector - refer to the serial tag for the model number.

4.1 Installation for cabinets with the reclaimer attached to cabinet and using a dry filter (sock filters) e.g.. S4836-6FH

NOTE: Suction cabinets using a dry filter dust collector will have the exhaust motor mounted on top of the reclaimer

1. Remove all components from the pallets and/or packaging, and then refer to Fig. A, (below) for cabinet & dust collector preferred placement and flex hose connection. (see arrows)
2. When placing all components make sure to allow full access to the cabinet doors, reclaimer, dust collector hopper and for any future service needs.
3. Attach the flex hose from the reclaimer fan housing to the dry filter dust collector (flex hose supplied and located inside the dust collector).
4. Place the foot pedal at the front of the cabinet.
5. Minimum of 1/2" compressed air line will need to be attached (customer supplied) to the inlet side of the moisture separator mounted on the right front leg of the cabinet. (Refer to section 3.2 for proper air supply line if distance is a factor)
NOTE: DO NOT USE QUICK DISCONNECT COUPLERS - THEY WILL RESTRICT THE AIR FLOW REQUIREMENTS.
6. Plug in the cabinet lights via the 3 pronged, 115 volt plug attached to the light housing into the appropriate 115 volt wall receptacle.

S3626-3FH, S3636-6FH & S4836-6FH LAYOUT

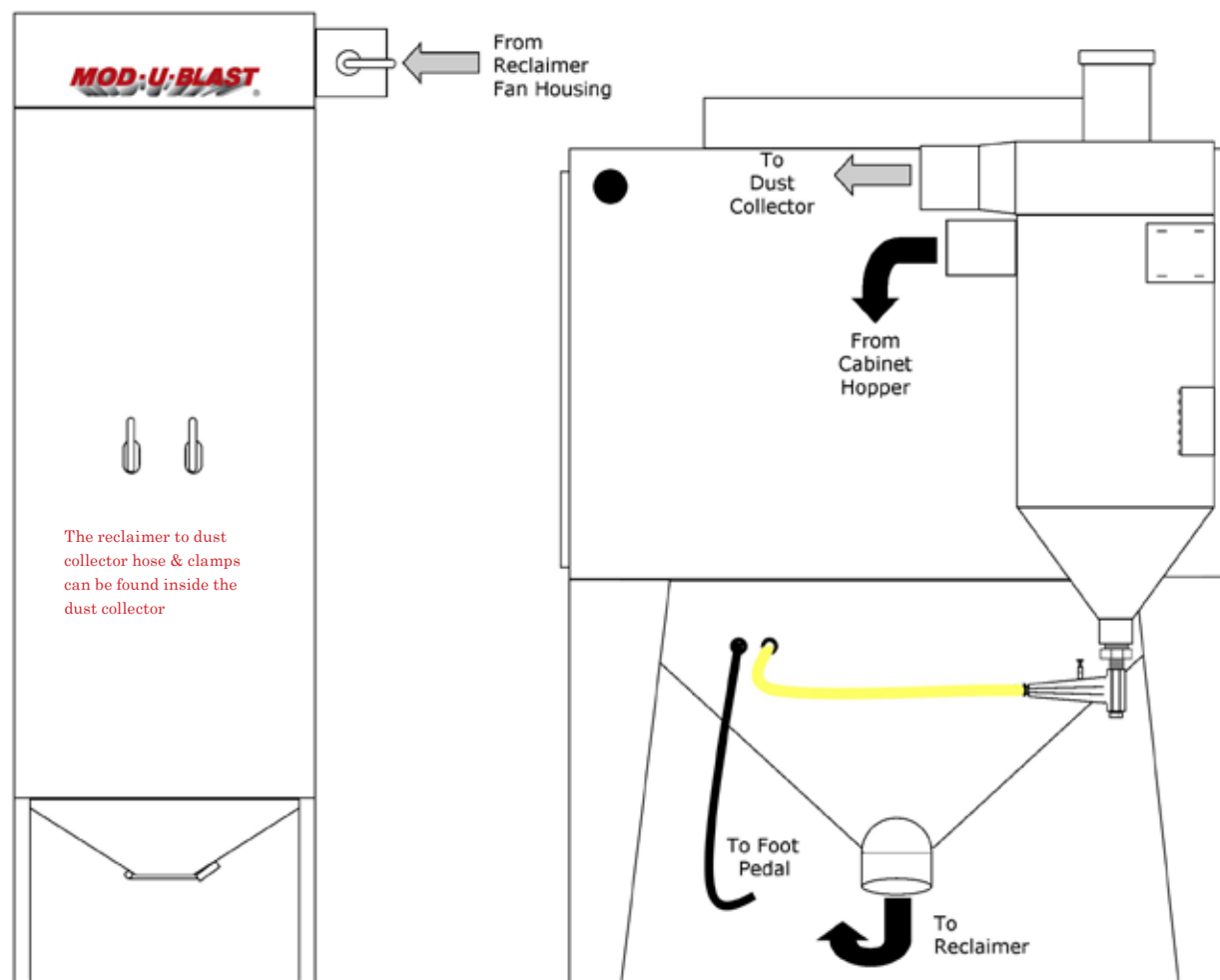


Fig. A

S Series Cabinet Installation cont'd

4.2 Installation for cabinets with the reclaimer mounted on the back and using a reverse pulse dust collector e.g., S4836-62C

NOTE: Suction cabinets using a reverse pulse dust collector will have the exhaust motor mounted on top of the dust collector.

1. Remove all components from the pallets and/or packaging, and then refer to Fig. B, (see below) for cabinet & dust collector preferred equipment placement and flex hose connection. (see arrows)
2. When placing all components make sure to allow full access to the cabinet doors, reclaimer, dust collector hopper and for any future service needs.
3. Attach the flex hose from the top of the reclaimer to the side of the reverse pulse dust collector (flex hose supplied and located inside the cabinet).
4. Place the foot pedal at the front of the cabinet.
5. Minimum of 1/2" compressed air line will need to be attached (customer supplied) to the inlet side of the moisture separator mounted on the right front leg of the cabinet. (Refer to section 3.2 for proper air supply line if distance is a factor)
NOTE: DO NOT USE QUICK DISCONNECT COUPLERS - THEY WILL RESTRICT THE AIR FLOW REQUIREMENTS
6. Attached to the light box on top of the cabinet are 2 wires - one female and one male. Plug the 3 pronged male plug into a 115v receptacle on the wall and plug the female connector together with the male plug from the motor on the reverse pulse dust collector. **NOTE: Reverse pulse dust collectors with the auto pulse option has a male plug end that will also need to be plugged into a 115v receptacle.**

S3636-62C & S4836-62C LAYOUT

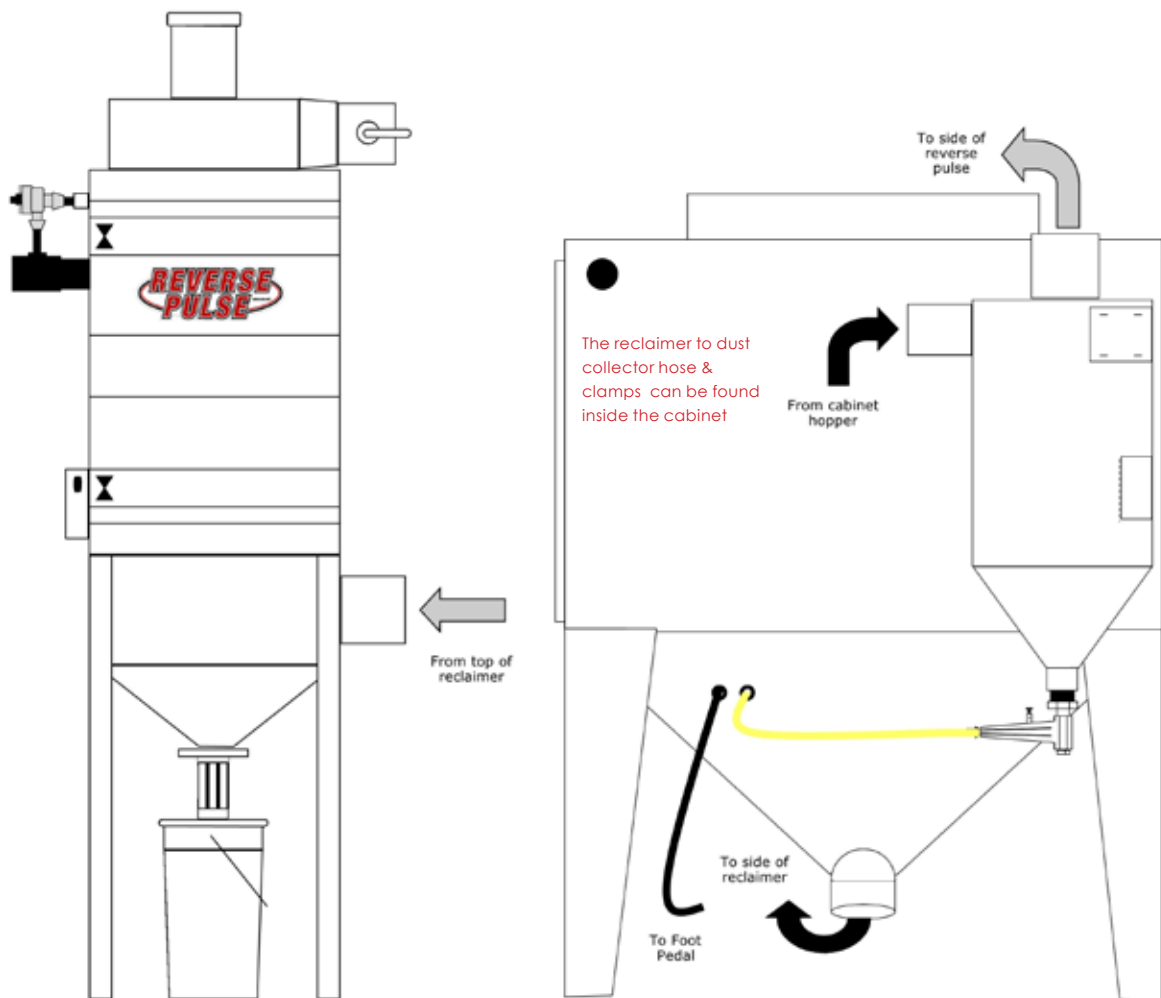


Fig. B

S Series Cabinet Installation cont'd

4.3 Installation for cabinets with an externally mounted reclaimer using a reverse pulse dust collector e.g.. S4848-92C (or larger)

NOTE: Suction cabinets using a reverse pulse dust collector will have the exhaust motor mounted on top of the dust collector.

1. Remove all components from the pallets and/or packaging, and then refer to Fig. C, (see below) for cabinet & dust collector preferred equipment placement and flex hose connection. (see arrows)
2. When placing all components make sure to allow full access to the cabinet doors, reclaimer, dust collector hopper and for any future service needs.
3. Attach the flex hose from the top of the reclaimer to the side of the reverse pulse dust collector (flex hose supplied and located inside the cabinet).
4. Place the foot pedal at the front of the cabinet.
5. Minimum of 1/2" compressed air line will need to be attached (customer supplied) to the inlet side of the moisture separator mounted on the right front leg of the cabinet. (Refer to section 3.2 for proper air supply line if distance is a factor)
NOTE: DO NOT USE QUICK DISCONNECT COUPLERS - THEY WILL RESTRICT THE AIR FLOW REQUIREMENTS
6. Attached to the light box on top of the cabinet are 2 wires - one female and one male. Plug the 3 pronged male plug into a 115v receptacle on the wall and plug the female connector together with the male plug from the motor on the reverse pulse dust collector. **NOTE: Reverse pulse dust collectors with the auto pulse option has a male plug end that will also need to be plugged into a 115v receptacle.**

S4848-92C, S6060-92C & S7272-12C LAYOUT

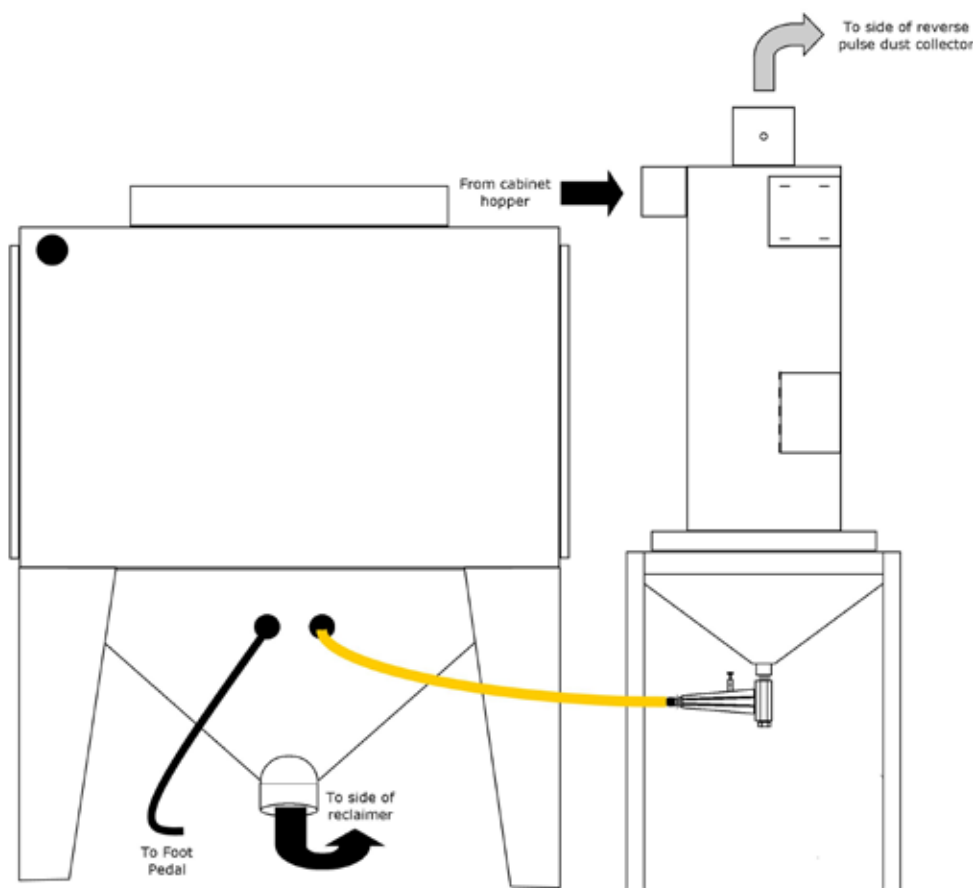


Fig. C

S Series Cabinet Installation cont'd

4.4 Installation for cabinets with an externally mounted reclaiming using a dry filter dust collector e.g.. S4848-9FH (or larger)

NOTE: Suction cabinets using a dry filter will have the exhaust fan mounted on top of the reclaiming.

1. Remove all components from the pallets and/or packaging, and then refer to Fig. D, (see below) for cabinet & dust collector preferred equipment placement and flex hose connection. (see arrows)
2. When placing all components make sure to allow full access to the cabinet doors, reclaiming, dust collector hopper and for any future service needs.
3. Attach the flex hose from the top of the reclaiming to the reverse pulse dust collector (flex hose supplied and located inside the cabinet).
4. Place the foot pedal at the front of the cabinet.
5. Minimum 1/2" compressed air line will need to be attached (customer supplied) to the inlet side of the moisture separator mounted on the right front leg of the cabinet. (Refer to section 3.2 for proper air supply line if distance is a factor)
NOTE: DO NOT USE QUICK DISCONNECT COUPLERS - THEY WILL RESTRICT THE AIR FLOW REQUIREMENTS
6. Attached to the light box on top of the cabinet is 1 wire with plug for the cabinet lights. Plug the 3 pronged male plug into a 115v receptacle on the wall. The motor is a 2 or 5 hp unit and will need to be hard wired into a motor controller by an certified electrician. **NOTE: The layout shown below is used in conjunction with a dry filter dust collector. (not shown)**

S4848-9FH, S6060-9FH & S7272-12FH LAYOUT

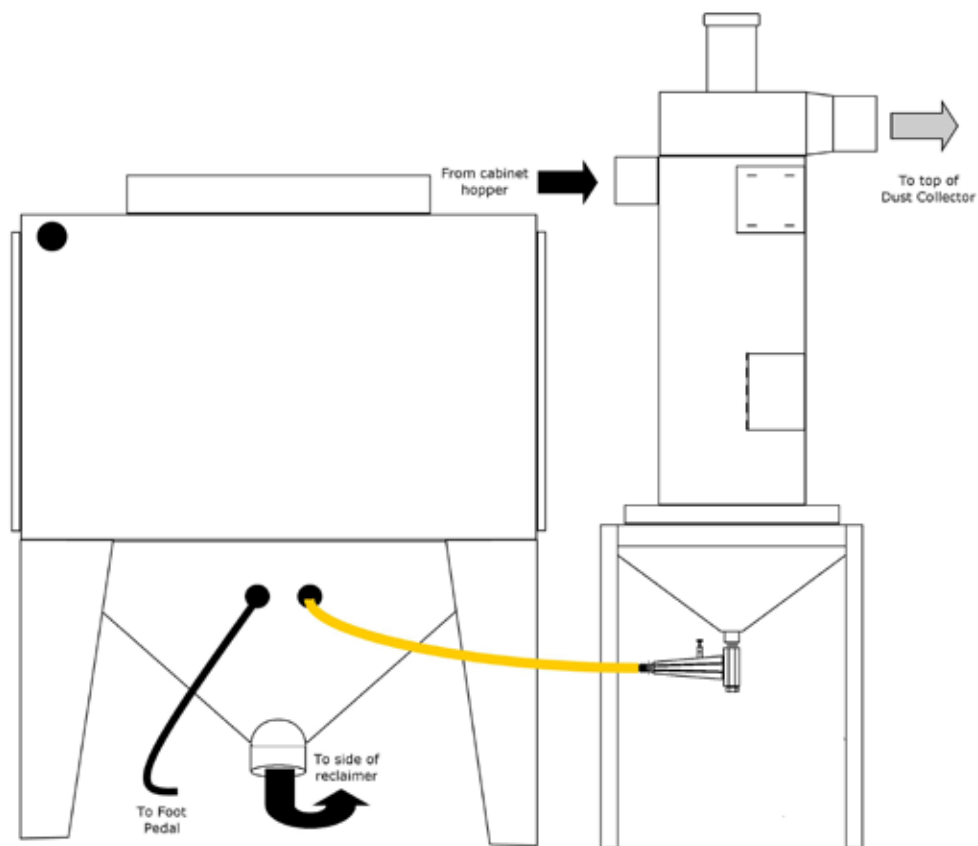


Fig. D

S Series Cabinet Operation

5.1 Loading the Media

1. With the exhaust fan off, to add the new media, open the swing door on side of the reclaimer and pour the media into the bottom of the reclaimer hopper approx. 3 inches below the reclaimer door
2. Close the door on the reclaimer.

5.2 Loading Parts to be Cleaned

1. Load parts through either door on the cabinet
2. Parts need to be free of grease, oil, or water.
3. Close the door (s).

5.3 Preparation for Blasting

1. Open the compressed air used to supply the cabinet.
2. Turn on the cabinet lights & exhaust fan.
3. Adjust the regulator to desired blast pressure. (pull knob down to unlock, adjust pressure and push up to lock).
4. The metering valve on the bottom of the cabinet hopper has been set at the factory for the most efficient blast stream. (Further adjustments may be required depending on the size of media being used)

5.4 Blasting

1. Place hands into the gloves and grab the blast gun assembly firmly.
2. Depress the foot pedal for the blasting to start.
3. Hold the nozzle end of the gun approximately 6" from the item to be cleaned. Point nozzle at a 45° angle towards the part and use smooth, even strokes for best results.

5.5 Finish Blasting

1. To finish blasting, release pressure from the foot pedal and blasting will stop quickly.
2. Use the blow gun inside the cabinet to blow off the part (s) that were just cleaned and allow the dust to clear before removing them from the cabinet.
3. Turn off the cabinet lights and the exhaust fan.

6.1 Maintenance Schedules

Daily Start-Up Procedure

- Check air pressure and adjust to desired setting
- Correct any safety issues before blasting
- Report and / or fix any operational problems

Daily Maintenance

- Pulse or shake dust filters
- Empty dust collector
- Add required media (DO NOT OVERFILL)

Weekly Maintenance

- Inspect gloves
- Inspect nozzle for wear
- Clean screen in reclaimer
- Check lights for proper operation
- Clean / Repair safety glass or protector
- Inspect clear media hose and air supply hoses for holes or weak spots.

S Series Cabinet Maintenance

6.1 Maintenance Schedules cont'd

Monthly Maintenance

- Inspect air & media hoses for leaks or loose fittings
- Check for quick shutdown of the following:
 - Foot pedal on cabinet
 - Door safety switches

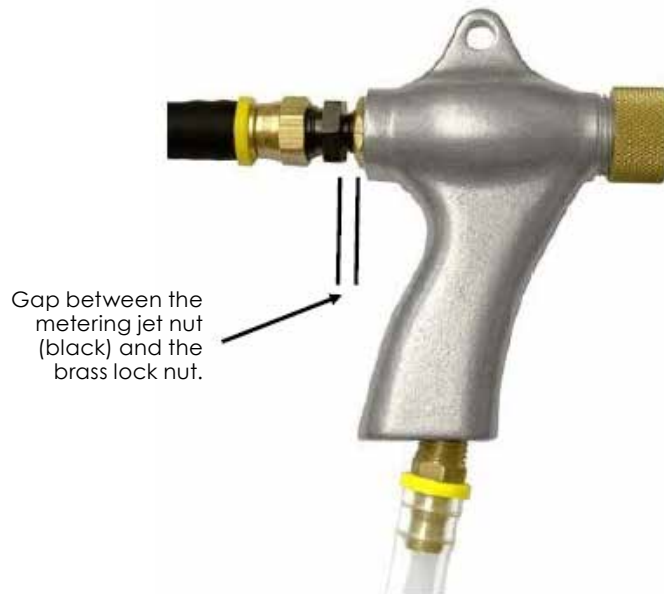
Six Month Maintenance

- Check dust filters for cleanliness
- Inspect door seals
- Check for leaks in dust hoses
- Check for leaks in the cabinet

6.2 Blast Gun

After 10-12 hours of blasting time the nozzle should be checked. If it shows uneven wear it should be rotated a 1/4 turn every 10 hours of use. Replace the nozzle when it measures more than a 1/16th over its original size.

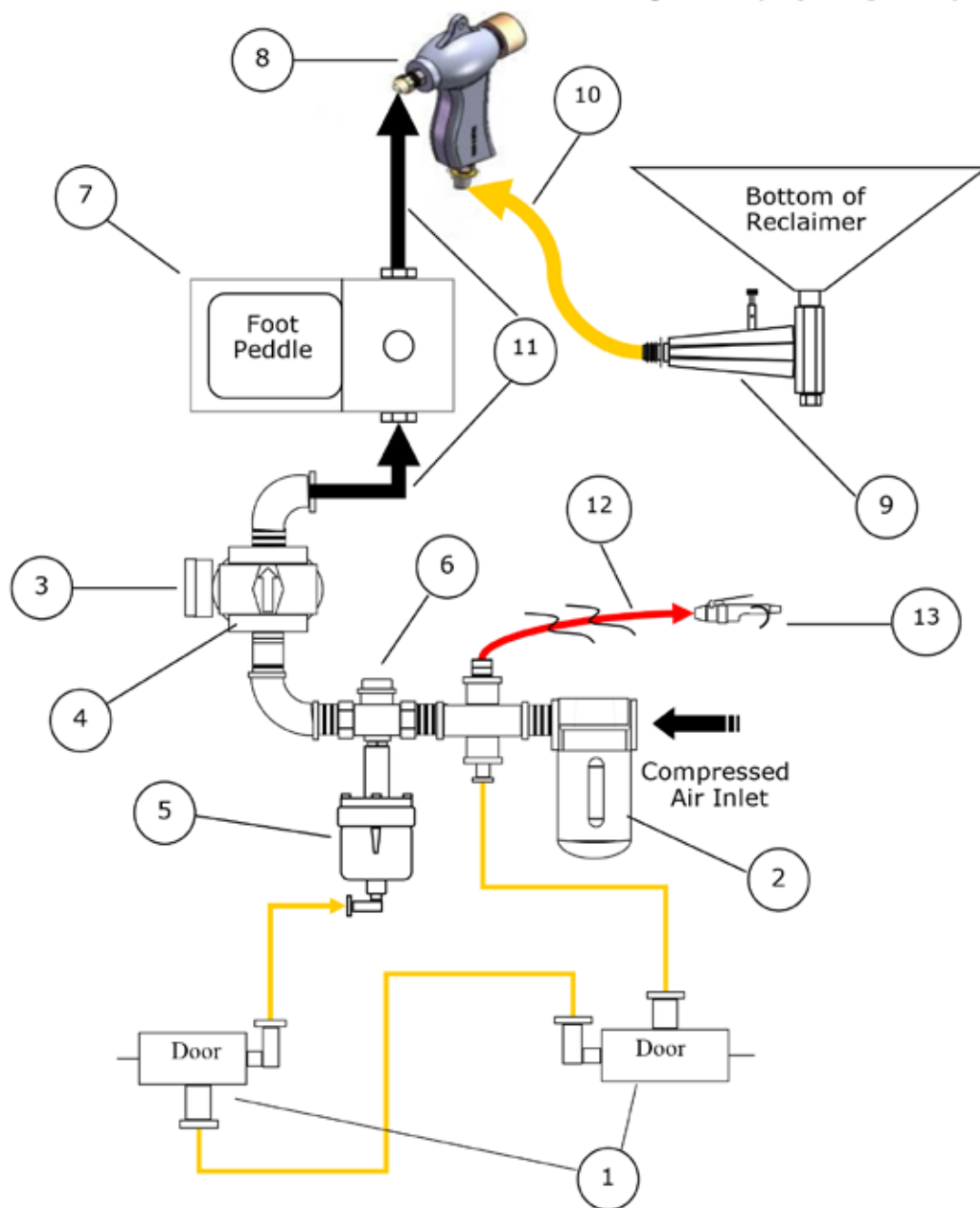
6.3 Blast Gun Adjustment



The adjustment for the #3.5 & #4 metering jet on the Mod-U-Blast suction gun start with a 3/16" gap as shown above. Use a 3/16" drill bit between the metering jet nut and the brass lock nut for ease of gapping. Minor adjustments may be required as needed due to different media sizes and conditions.

The adjustment for the #5 & #6 metering jet on the Mod-U-Blast suction gun start with a 5/16" gap as shown above. Use a 5/16" drill bit between the metering jet nut and the brass lock nut for ease of gapping. Minor adjustments may be required as needed due to different media sizes and conditions.

S Series Air Flow Schematic



ITEM #	STOCK #	DESCRIPTION
1	12202	DOOR SWITCH
2	50-150	MOISTURE FILTER
3	55415	PRESSURE GAUGE
4	50-3350	1/2" REGULATOR
5	16183	1/2" SAFETY VALVE
6	16178	ACTUATOR
7	16190M	SUCTION FOOT PEDAL

ITEM #	STOCK #	DESCRIPTION
8	12301	#4 MUB SUCTION GUN
8	12302	#5 MUB SUCTION GUN
9	16025	SUCTION METERING VALVE
10	12-MED	1/2" CLEAR MEDIA HOSE
11	12-PUSH	1/2" AIR HOSE
12	14-AIR	1/4" AIR LINE
13	60-110P	BLOW GUN

S Series Cabinet Parts

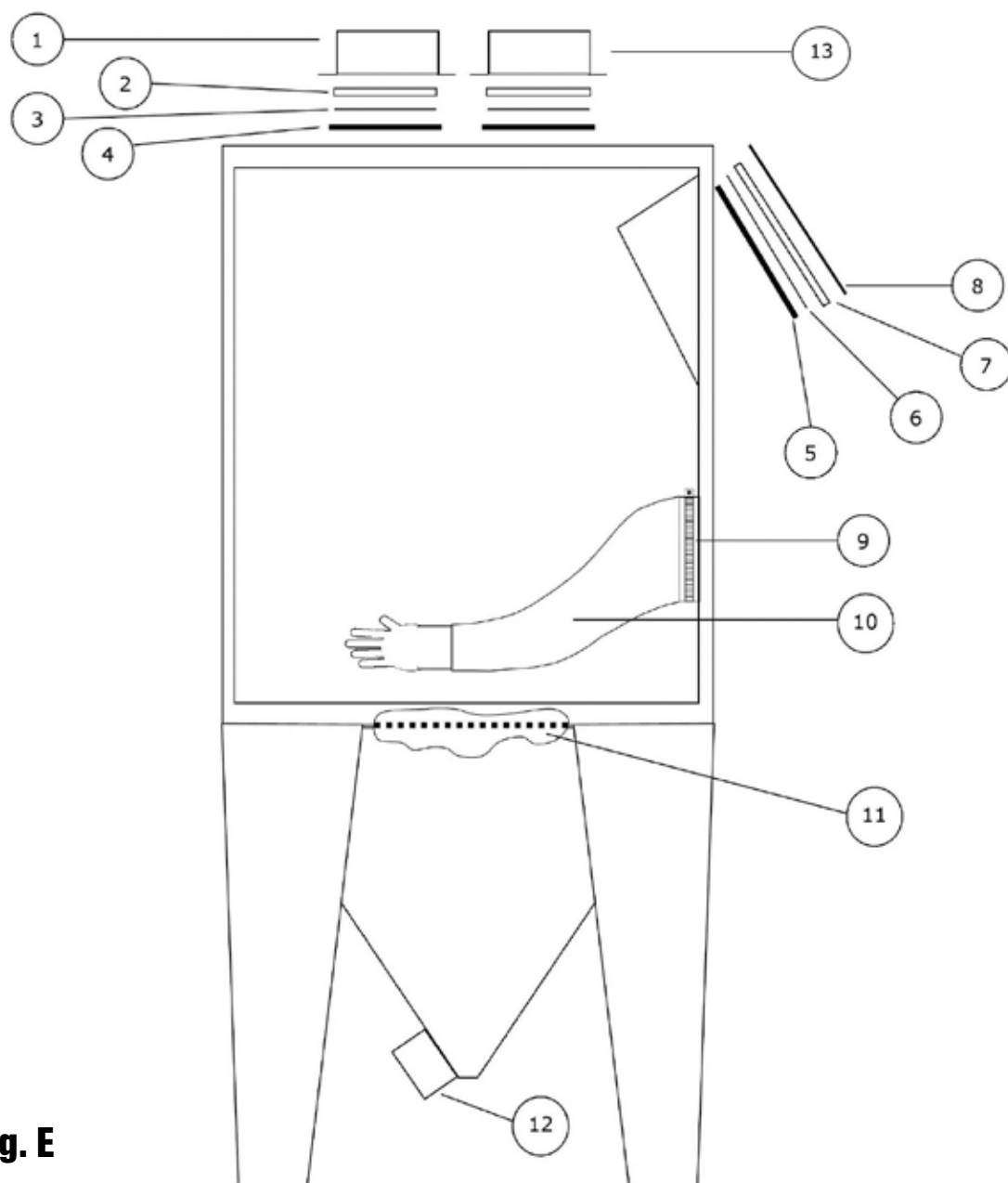


Fig. E

ITEM #	STOCK #	DESCRIPTION
1	ZLAMP B	LIGHT HOUSING
2	12215A	WINDOW
3	43518S	WINDOW PROTECTOR
4	16540	TRIM LOK (5 FT)
5	16540	TRIM LOK (5 FT)
6	41117S	WINDOW PROTECTOR
7	12216	WINDOW

ITEM #	STOCK #	DESCRIPTION
8	16053	WINDOW FRAME
9	12535	GLOVE CLAMP
10	15210	GLOVES (SET)
11	ZF4836X	PERFORATED FLOORING
12	ZPL6F	CABINET HOPPER FLANGE
13	ZLAMP X	MUB LIGHT HOUSING
-	16364	LED BULB (2 PER HOUSING)

S Series Cabinet Parts - Cont'd

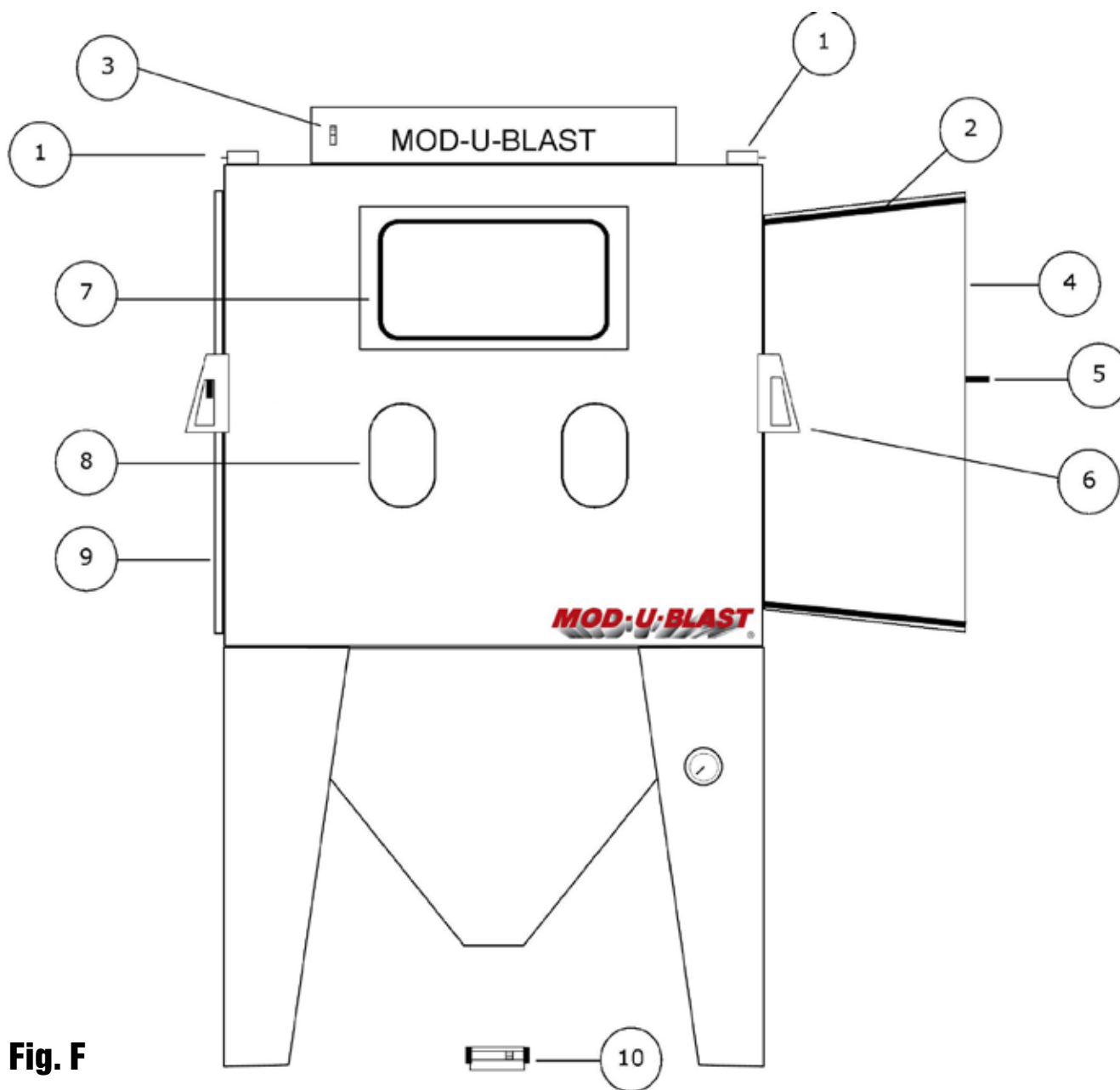
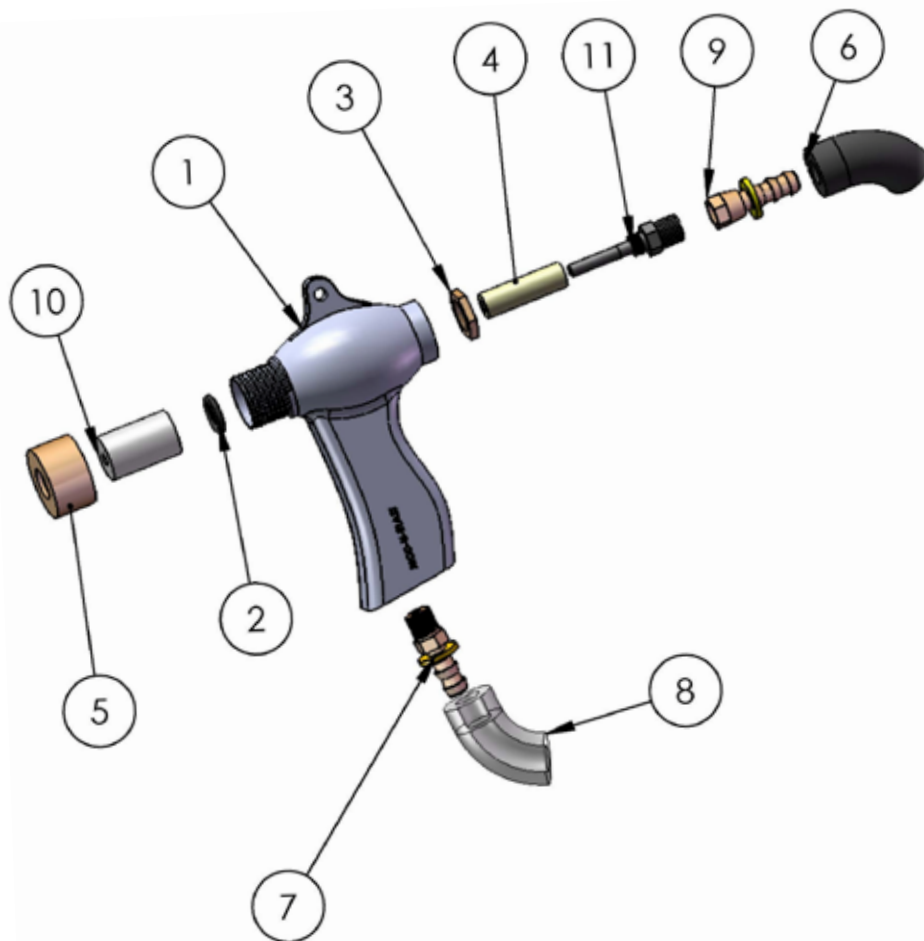


Fig. F

ITEM #	STOCK #	DESCRIPTION
1	12202	DOOR SAFETY SWITCH
2	12433-2	DOOR GASKET
3	16371	LIGHT SWITCH
4	ZDR36	RIGHT DOOR
5	Z-HANDLE	DOOR HANDLE

ITEM #	STOCK #	DESCRIPTION
6	Z-LATCH	DOOR LATCH
7	SEE FIG. E	VIEWING WINDOW
8	16542	GLOVE TRIM
9	ZDL36	LEFT DOOR
10	16190M	FOOT PEDAL

S Series Suction Gun



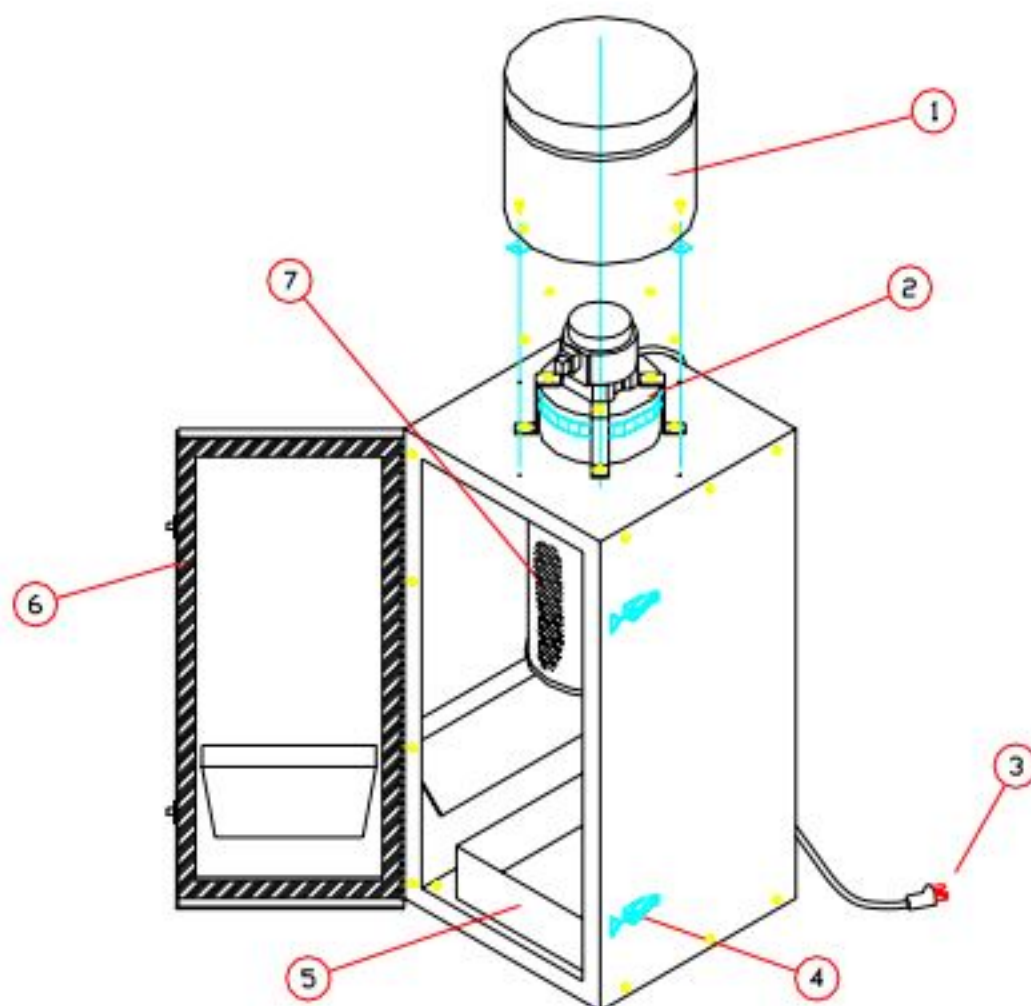
ITEM #	STOCK #	DESCRIPTION
1	11802	MOD-U-BLAST GUN BODY ONLY
2	12031	NOZZLE O RING
3	11913	AIR JET HEX NUT
4	11913	AIR JET SLEEVE
5	11914	NOZZLE HOLDING NUT BRASS
6	12-PUSH	1/2" MEDIA HOSE
7	11724	3/8" LOCK BARB FITTING MEDIA INLET
8	12-MED	1/2" MEDIA HOSE (CLEAR)
9	11723	3/8" SWIVEL FITTING AIR INLET
10	36664	# 4 CERAMIC NOZZLE
	36665	# 5 CERAMIC NOZZLE
	36666	# 6 CERAMIC NOZZLE
	35934	# 4 BORON NOZZLE
	35935	# 5 BORON NOZZLE
	35936	# 6 BORON NOZZLE
11	12341	#3.5 AIR JET
	12342	#4 AIR JET
	12343	#5 AIR JET
	12344	#6 AIR JET

Complete Gun Assemblies



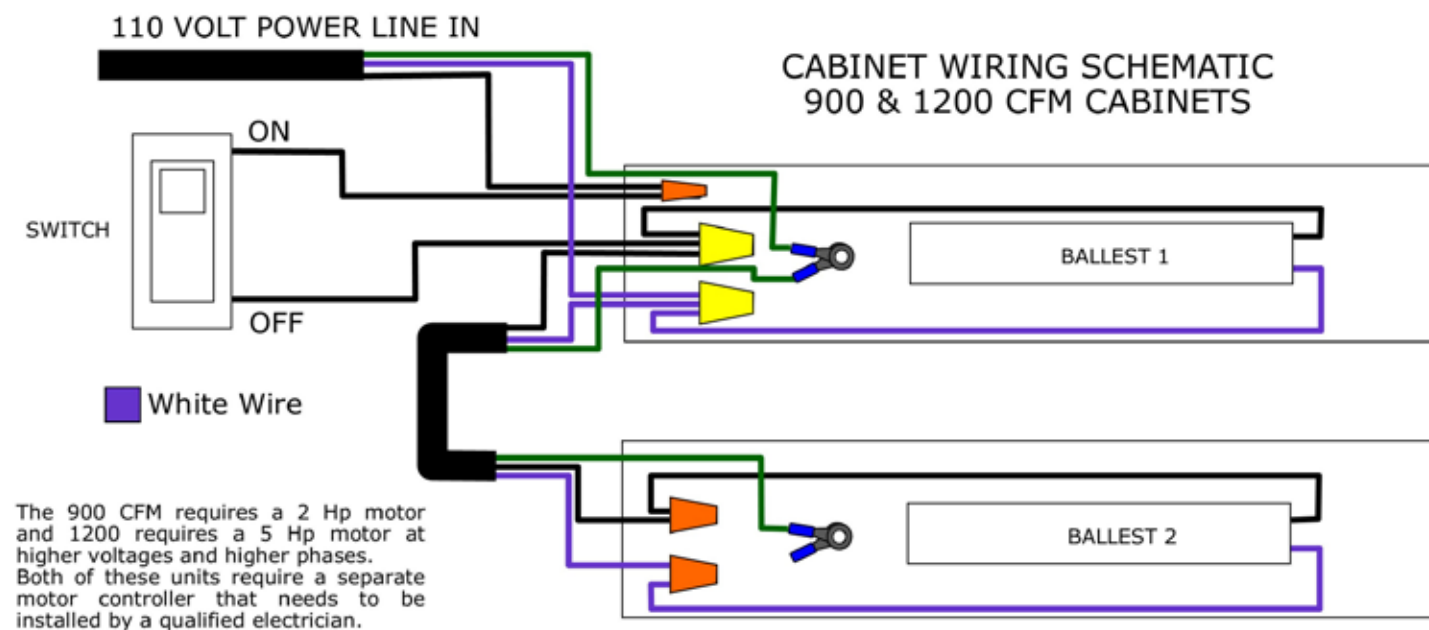
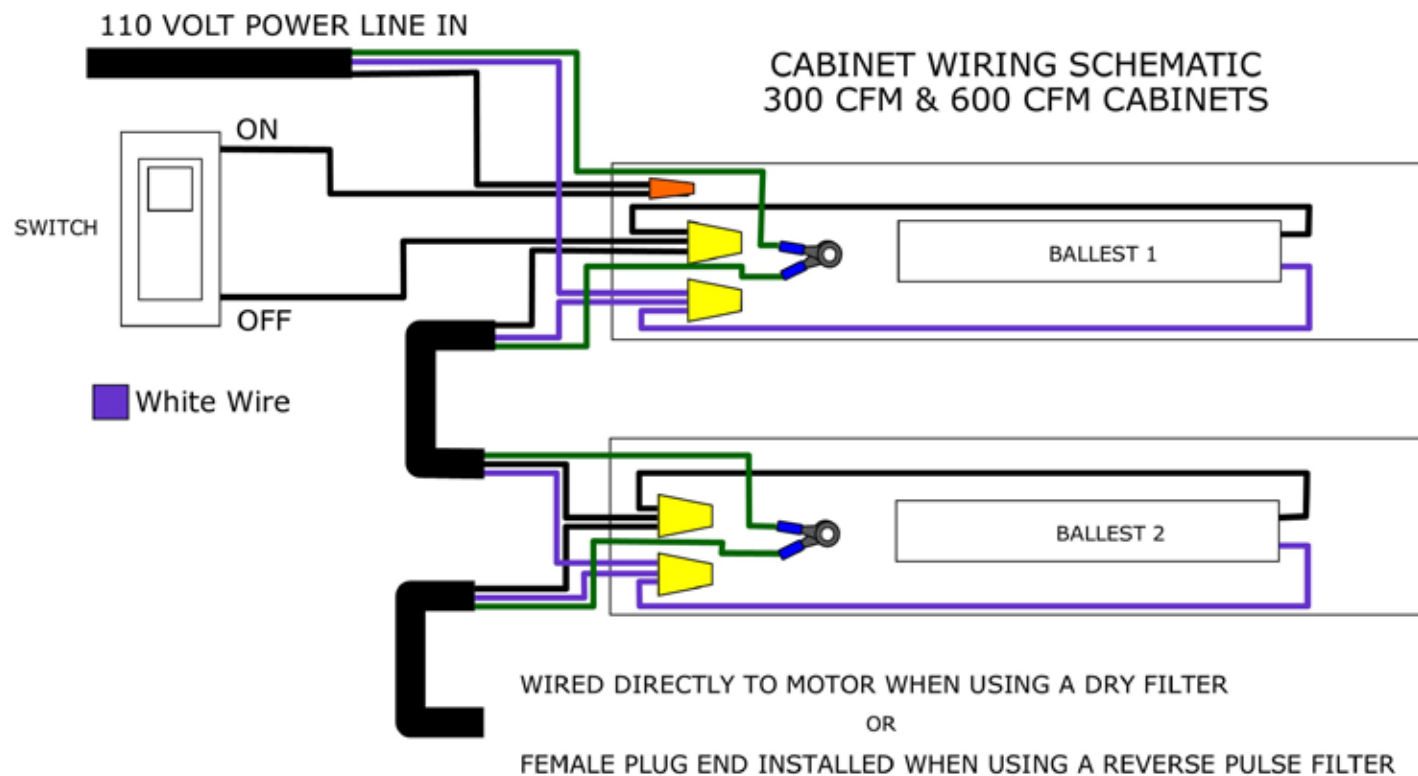
STOCK #	DESCRIPTION
12300	#3.5 GUN ASSEMBLY CERAMIC
12301	#4 GUN ASSEMBLY CERAMIC
12302	#5 GUN ASSEMBLY CERAMIC
12303	#6 GUN ASSEMBLY CERAMIC
12304	#7 GUN ASSEMBLY CERAMIC
12301T	#4 GUN ASSEMBLY TUNGSTEN CARBIDE
12302T	#5 GUN ASSEMBLY TUNGSTEN CARBIDE
12303T	#6 GUN ASSEMBLY TUNGSTEN CARBIDE
12302B	#5 GUN ASSEMBLY BORON CARBIDE
12303B	#6 GUN ASSEMBLY BORON CARBIDE

S Series 150 CFM Dust Collector



ITEM #	STOCK #	DESCRIPTION
1	16564M	MOTOR COVER
2	16560	VACUUM MOTOR
3	16376A	3 WIRE ELECTRICAL CORD
4	Z-CATCH	ADJUSTABLE DOOR CATCH
5	16568	DUST PAN
6	12433-2	1" X 1/4" FOAM SEALER
7	16565	FILTER CARTRIDGE

S Series Electrical Schematic



S Series Troubleshooting

Poor Visibility

- Cabinet air inlets closed. Open cabinet air inlets.
- Damper closed or partially closed on dust collector.
- Dirty Filter. Shake or pulse filters. If continues replace filters.
- Using media that is too fine or worn out.
- Nozzle pressure too high causing media to breakdown prematurely. Reduce regulator pressure.
- Dust collector fan rotating backwards. (Should be clockwise looking down from the top of the motor)

Reduced Blast Cleaning Rate

- Low media level reducing media flow. Check and fill if too low.
- Reduced air pressure. Possible malfunctioning regulator, partially closed main air supply valve, leaking air line.
- Blockage in media line or suction gun. Blockage may occur from foreign particles from items being blasted.
- Incorrect metering valve or metering jet adjustment.
- Worn gun parts (nozzle or air jet) Check and replace if needed.
- Worn clear media hose. Check hose for leaks or soft spots. Replace worn or damaged hose.
- Moist media. Check for moisture in the metering valve. If moisture is evident, some form of moisture removal will need to be added to the main air supply to the cabinet.

No Media Or Air Coming Out Of The Nozzle When Foot Pedal Is Pressed

- Nozzle is plugged. Remove nozzle and clear obstruction.
- Foot pedal malfunction. Check foot pedal inlet and outlet lines for pressure.
- Regulator may be turned down or off. Check and adjust.
- Air compressor may be off or supply valve may be closed.

S Series Maintenance & Operational Tips

Caking Of Media

- Media caking is caused by moisture in the air supply or from oily and greasy parts. If this is not corrected the media will not flow evenly and will plug the metering valve and the gun. Check the air supply; if water is present install a good moisture trap. If oily or greasy parts are to be blasted then wash the parts with a degreaser and dry the parts.

Reverse Pressure

- If media stops flowing occasionally, place GLOVED thumb over the nozzle (hold tight) and push the foot peddle down for 2 seconds. This will cause the system to back blast through the gun and up the media hose and will loosen and clogs in the nozzle.

Gun Air Pressure Drop

- Set the air pressure to 80 psi on the air gauge at the regulator. Hold the gun - press the foot pedal and see if the gauge pressure drops significantly. If the pressure drops more than 5 psi this indicates a restriction in the air supply line to the cabinet. This could be that the supply line is too small, a reducer or quick coupler, a plugged filter or other piping that doesn't allow enough air through. Also if the cabinet is too far from the air compressor a pressure drop will occur. Air supply line should be 1/2" or larger with NO quick couplers. (see paragraph 3.2 on Pg. 6)



Certificate of Compliance

Certificate Number: LR 104892-1

Revision: LR 104892-3

Date Issued: January 8, 1998

Issued to: **Manaus Abrasive Systems Inc.**
1040 - 78 Ave.
Edmonton, AB T6P 1L7
Canada
Attention: Mr. Tom MacLean

The products listed below are eligible to bear the CSA Mark

¹NOTE: The "NRTL/C" indicator also appears adjacent to the CSA Mark.

Issued by: **Alan Jenkins, E.T.**
Edmonton, AB Canada

Signature: 

PRODUCTS

9091 01 - MOTOR OPERATED APPLIANCES - Miscellaneous

9091 81 - MOTOR OPERATED APPLIANCES - Miscellaneous

PART A

Blast Cleaning Equipment, Cord-connected, MOD-U-BLAST, Models E2424, E3624, E4824, may or may not be followed with suffixes VAC or DC; Models S3026, P3026, S3626, P3626, S3636, P3636, S4826, S4836, P4836, S4848, P4848, P6026, S6036, P6036, S6048, P6048, S6060, P6060 may or may not be followed with suffixes DC, followed by 3B or 3F. Rated 115 V ac, 60 Hz, 10 A. Max. with a 300 CFM Reclaimer, 15 A. Max. with a 600 or 900 CFM Reclaimer.

LEGEND

E	Economy Model
VAC	Industrial Vacuum Collector
DC	150 CFM Cartridge Type Dust Collector
S	Suction Cabinet
3	300 CFM
6	600 CFM
9	900 CFM
B	Dust Bag
F	Multi-Bag Dust Filter Cabinet
P	Pressure Cabinet
D	Dual-Station Cabinet

¹The "NRTL/C" indicator adjacent to the CSA Mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA Standards, for use in the U.S. and Canada. NRTL, i.e. Nationally Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

Upgrades & Options

Upgrade kits and options are also available to increase the production, efficiency and wear ability of Mod-U-Blast suction cabinets and are listed below:

- Draped Rubber Lining
- Manual Turntables
- Automated Rotating Turn Tables
- Inside/Outside Track Assemblies
- Pipe Pass Through Doors
- Pipe Roller Carts & Tracks
- Mobile Cabinet/Dust Collector Cart
- Multi Nozzle Application

Warranty

Mod-U-Blast equipment is covered by a one (1) year warranty against defects in material and workmanship starting from the purchase date. This covers mechanical components, air valves and plumbing, electrical components, air motors, vessels, machine body (normal wear).

This warranty does not apply to abnormal use of the equipment or parts. Parts subject to abrasive wear, such as nozzles, hoses, dust filters, windows and window protectors are not covered by the warranty.

Claims will be honored only if the warranty card is returned within a period of two months from the factory shipping date.

The card can be returned to your Mod-U-Blast salesperson or mailed to the address below.

In the event of failure of this equipment
please contact a Mod-U-Blast service centre
or call (780) 425-5510.



403 - 69 Avenue NW
Edmonton, Alberta
Canada
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PH: (780) 425-5510 FAX: (780) 425-5540

VISIT WWW.MANUSSERVICE.COM FOR ONLINE PRODUCT SUPPORT