



Suction - Series Manual Blast Cabinets



Superior Performance

And Quality In Blast Cleaning Equipment

S-Series Owners Manual

MOD-U-BLAST WARRANTY

MOD-U-BLAST EQUIPMENT IS COVERED BY A ONE (1) YEAR WARRANTY AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP STARTING FROM THE DATE OF PURCHASE. THIS COVERS THE EQUIPMENT, ALL MAJOR COMPONENTS AS WELL AS THE ELECTRICAL SYSTEM.

THIS WARRANTY DOES NOT APPLY TO ABNORMAL USE OF THE MACHINE OR PARTS. PARTS SUBJECT TO ABRASIVE WEAR SUCH AS NOZZLES, GLOVES, HOSES, DRY FILTERS, WINDOWS AND WINDOW PROTECTORS ETC. ARE NOT COVERED BY WARRANTY.

CLAIMS WILL BE HONoured ONLY IF THE WARRANTY CARD IS RETURNED WITHIN A PERIOD OF TWO (2) MONTHS FROM THE FACTORY SHIPPING DATE. THE CARD CAN BE RETURNED TO YOUR MOD-U-BLAST SALES PERSON OR MAILED TO THE ADDRESS BELOW.

FOR SERVICE OR SUPPORT PLEASE CONTACT THE MOD-U-BLAST SERVICE CENTRE AT 1-800-661-3842 EDMONTON OFFICE.

P.O. BOX 79037, SHERWOOD CENTRE
SHERWOOD PARK, ALBERTA
CANADA
T85 5S8
PH. (780) 466-5085 FAX (780) 465-7317

www.modublast.com

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Upgrade kits and options are available to increase the production and efficiency of Mod-U-Blast cabinets. They include: safety doors, rubber lining, turn tables, track assemblies, tumble baskets, reclaimers, dust filters and pressure conversion kits. Call your Mod-U-Blast dealer to find out more.

This Owners Manual covers P Series industrial cabinets manufactured by Mod-U-Blast. The first letter(s) in your model number indicates which series your cabinet is from.

Mod-U-Blast manufactures a variety of blast cabinets for different production rates, medias, and budgets for your specific needs.



1. **IMPORTANT WARNING**

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

Remember:

1.1 Safety considerations:

- Blast machine requires high pressure air to operate. This needs to be piped to the cabinet with appropriately sized and rated pipe.
- Supply air should be dry and clean from oil and other contaminants. (ie use air dryer, coalescent filter, or moisture separator as needed.)
- Blast machine must be grounded to avoid shock.
- Electric extension cords should be three wire grounded, and rated for the amperage of the blaster. Check nameplate for rated amps.
- Dust from blast cabinet should be collected in a dust collector or dry filter and not allowed to become concentrated in areas where workers are exposed. This requires proper maintenance of dust collection system.

1.2 Operator's responsibilities before starting:

- Inspect fittings and hoses for damage and wear.
- Check the seal on all doors. Only operate the blast cabinet with all doors securely closed and dust collection system running.
- Clean dust from dust collector and clean filter as needed.

1.3 Caution:

- Watch for silicosis (from dust created when using silica sand as a blast media) or toxic dust hazard. DO NOT USE MEDIA CONTAINING FREE SILICA.
- Unless otherwise specified, working pressure of blast machine and related components must not exceed 125 p.s.i.
- Keep blast nozzle controlled and aimed at the work.

1.4 Maintenance

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



2. 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, who are unable to read. 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.



3. SET UP

3.1 Location: Before setting up your cabinet remember the following points:

Your Mod-U-Blast cabinet requires a compressed air supply and hose or pipe will need to be supplied from the existing supply (air compressor) to the cabinet.

Your cabinet needs a power supply (usually 115 Volt, 60 Hz.)

All parts of your cabinet are designed to be used in a heated indoor location.

Dust can escape from the cabinet while loading and unloading the cabinet or while servicing the dust collector.

Noise from the motor and blasting operation is not excessive but could disturb other processes or travel through light flooring.

3.2 Air: Supply air line should be sized according to the table shown on page 6. All hoses should be rated at least 125 psi. An isolation valve should be installed at the end of the rigid pipe followed by a connecting coupler or union. This allows the supply air to be turned off and then disconnected from blast machine for servicing.

Your compressed air supply needs to be dry. Moisture in the air will cause problems. Other contaminants such as oil, will also cause decrease in production. Contact your Mod-U-Blast dealer if you are unsure of what is needed.

WARNING: DO NOT CONNECT TO HIGH PRESSURE BOTTLED GAS, RUPTURE AND EXPLOSION CAN OCCUR.

3.3 Power Cords. Ensure any electrical cords used are rated for the voltage and amperage indicated on the name plate.



4. GENERAL OPERATING INSTRUCTIONS

4.1 Preparing parts for blasting

- All parts processed must be free of oil, grease and moisture. Make sure parts are dry before putting into the cabinet for cleaning.

4.2 Air pressure

- Set blasting pressure by adjusting knob on air regulator until gauge indicates desired pressure. (pull to unlock)
- Operating pressure is usually from 50 to 80 psi. (pounds per square inch)
- Higher pressures (up to 125) can be used but this breaks down some types of media prematurely.(ex. glass bead)
-Set air pressure at 50-80 psi. Most parts for blast cleaning can be blasted at 80 psi. For light gauge steel, Aluminum, and other more delicate parts, start at lower pressure and gradually increase the pressure until the desired finish is achieved.

4.3 Filling with Media

- For units with reclaimers, add enough to fill the bottom hopper on the reclaimer 2/3 full.
- For pressure units, check the volume of the pot and add 3/4 of that volume initially. For these units media should not be piled above the top of the pot, into the reclaimer.

4.4 Nozzle angle and distance

- Direct nozzle at parts at 45-60 degree angle with ricochet towards the back of the cabinet. Do not hold nozzle at 90 degree angle to parts being processed. This will cause the media blast to bounce back into the blast stream and slow blasting action. Also 90 degree angle will cause excessive wear on nozzle and viewing window. Hold nozzle approximately 6 inches from parts being blasted.

WARNING: NOZZLE MUST ALWAYS BE POINTED AWAY FROM THE OPERATOR AND TOWARDS ITEMS BEING PROCESSED.

NEVER BLAST WITH ANY OF THE CABINET DOORS OPEN. WHILE LOADING AND UNLOADING, NO ONE SHOULD BE AT THE OPERATOR STATION, AT THE FRONT OF THE BLAST CABINET.

- Cabinets are available with safety doors so that the nozzle cannot be operated unless the doors are closed. Contact your MOD-U-BLAST dealer for further information.

4.5 Media

- Media should be of good quality and dry. Moisture will cause the media not to flow and will clog micro valve and hopper. **NEVER USE SAND**

There are many types and sizes of media for different finishes. If you are having a problem selecting a media for a specific job, contact your distributor for recommendations.

4.6 Blasting

-Turn on the electric switch, this will turn on the lights and the dust collector or the reclaimer. Using the gloves hold the gun and step on the foot pedal to start blasting.



4.7 Media delivery

- To adjust the amount of media being delivered into the air stream, there is a metering valve or grit valve. If the nozzle is pulsing (lots of media then less then lots again), there is too much media.

5. AIR REQUIREMENTS at 80 psi

| Orifice Size | CFM for suction gun | CFM for pressure nozzle |
|--------------|---------------------|-------------------------|
| No.2 | | 18 |
| No.3 or 3.5* | 15.0 | 40 |
| No.4 | 21.0 | 70 |
| No.5 | 31.9 | 115 |
| No.6 | 47.0 | 160 |
| No.7 | 62.0 | |
| No.8 | 85.7 | |

*Note: No. 3.5 air jet is used in suction guns, No. 3 nozzle is used in pressure nozzles

COMPRESSED AIR LINE PIPE SIZE in inches

| LINE LENGTH | VOLUME OF AIR IN CFM | | | | | | | | | |
|----------------|----------------------|-----|-----|-----|----|------|------|------|------|------|
| | 25 | 30 | 35 | 40 | 50 | 60 | 70 | 80 | 100 | 125 |
| 25' | .75 | .75 | .75 | .75 | 1 | 1 | 1 | 1.25 | 1.25 | 1.25 |
| 50' | .75 | .75 | .75 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.25 |
| 75' | .75 | .75 | 1 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.25 |
| 100' | .75 | .75 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.25 | 1.25 |
| 150' | .75 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.5 | 1.5 | 1.5 |
| 200' | 1 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.5 | 1.5 | 1.5 |
| 250' | 1 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.5 | 1.5 | 1.5 |
| 300' | 1 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.5 | 1.5 | 1.5 |

6. S SERIES SUCTION CABINETS

6.1 Gun

- Suction cabinets use a venturi type gun to create a vacuum which pulls air and media from the storage area up into the gun where it is propelled towards the work piece by the air stream. The size of the air jet is indicated on the nut. This is the size of the orifice in 1/32's of an inch. The corresponding nozzle size indicates the size of the nozzle bore in sixteenths of an inch (ex. #5 gun assembly will have a 5/32" air jet and a 5/16" nozzle). If these two parts don't match or are not adjusted correctly, the gun will not create the required suction.

6.2 Nozzle Size

- By changing to the next larger size of air jet and nozzle, production can increase significantly. Larger sized nozzles produce a larger cleaning pattern. This, however, requires more air (your compressor must be able to provide this, see chart page 6).

6.3 Metering Valve

-The metering valve adjusts the amount of media being pulled into the venturi gun. This valve, located at the bottom of the hopper or reclaimer, has the media stored on top of it (see page 11). When air is sent to the gun from the foot pedal a vacuum is created that sucks air and media up into the gun through the clear media hose. A 7/16" bolt on the top of the metering valve can be adjusted to vary the amount of air that is sucked in through the holes. If the holes are too far closed, the mixture will have too much media and the gun will pulsate. If the holes are too far opened, too little media will go to the gun and production will decrease.



7. SUCTION MAINTENANCE INSTRUCTIONS

The most common problem customers have with their suction (venturi) blast cabinets is a decrease in production rates. A properly maintained suction cabinet should provide years of constant service.

7.1 Blasting Gun

- After 10-12 hours of blasting time, the nozzle should be checked. If it shows uneven wear it should be turned 1/4 turn every 10 hours of use.
- The nozzle will wear out eventually. Replace it if it measures 1/16" over its original size or if it shows uneven wear.
- Adjustment: For mod-u-blast #5 or #6 guns, adjust the air jet so that three threads (approximately 5/16") shows behind the brass locking nut. For a #3.5 or 4, adjust the air jet all the way in. Adjust as needed for different medias and conditions. A properly working mod-u-blast gun will pull 15-17 inches of mercury on a manometer.
- If the nozzle and air jet are not matched correctly the gun will not work (use a #5 nozzle with a #5 air jet). Size of air jet is stamped on the nut section.

7.2 Caking of media

- Media caking is caused by moisture in the air supply or from oily and greasy parts. If this is not corrected media will not flow evenly and will plug up in the metering valve and the gun. Check air supply; if water is present install a good moisture trap. (Mod-u-blast dealers carry equipment to solve this). If oily or greasy parts are being blasted, you should degrease and dry the parts first.
- Reverse pressure: If media stops flowing occasionally, place thumb over nozzle (hold tight) and push foot pedal down for a few seconds. This will cause the system to back blast through the gun and up the media hose. This will help loosen any clogs.

7.3 Air pressure drop

- Set the air pressure to 80 psi on the air gauge at regulator. Push the foot pedal while holding gun and see if the gauge pressure drops significantly (5-10 psi or more). If the pressure drops, this indicates that there is a restriction in the supply line. This could be hose that is too small, a reducer or quick coupler, a plugged filter, or other piping that doesn't allow enough air through. Clean filters and moisture separators all the way back to the air compressor. Straighten any kinked lines. Use a master gauge to check the air pressure or replace existing gauge if you suspect it is giving you false readings. Air supply line should be at least 1/2" or larger. Check chart on page 6.

7.4 Poor visibility

Excessive dust:

- Air inlet, 3 holes on top of cabinet, should be free to allow air into cabinet.
- Dust collectors need to be cleaned and emptied regularly. (latch at bottom of dry filter, tray in dust collector or dry filter, or zipper on bottom of bag).

- Dust bags or cartridge contaminated (clean or replace filter in dust collector or filter bags). BAGS NEED TO BE VIGOROUSLY SHAKEN EVERY HALF HOUR OF USE, DRY FILTERS AND DUST COLLECTORS HAVE MANUAL SHAKER HANDLES TO CLEAN THEM.

- Recalimers clean media, but eventually the media breaks down and becomes so small that it is essentially dust. Replace media and clean dust collector.

Viewing window:

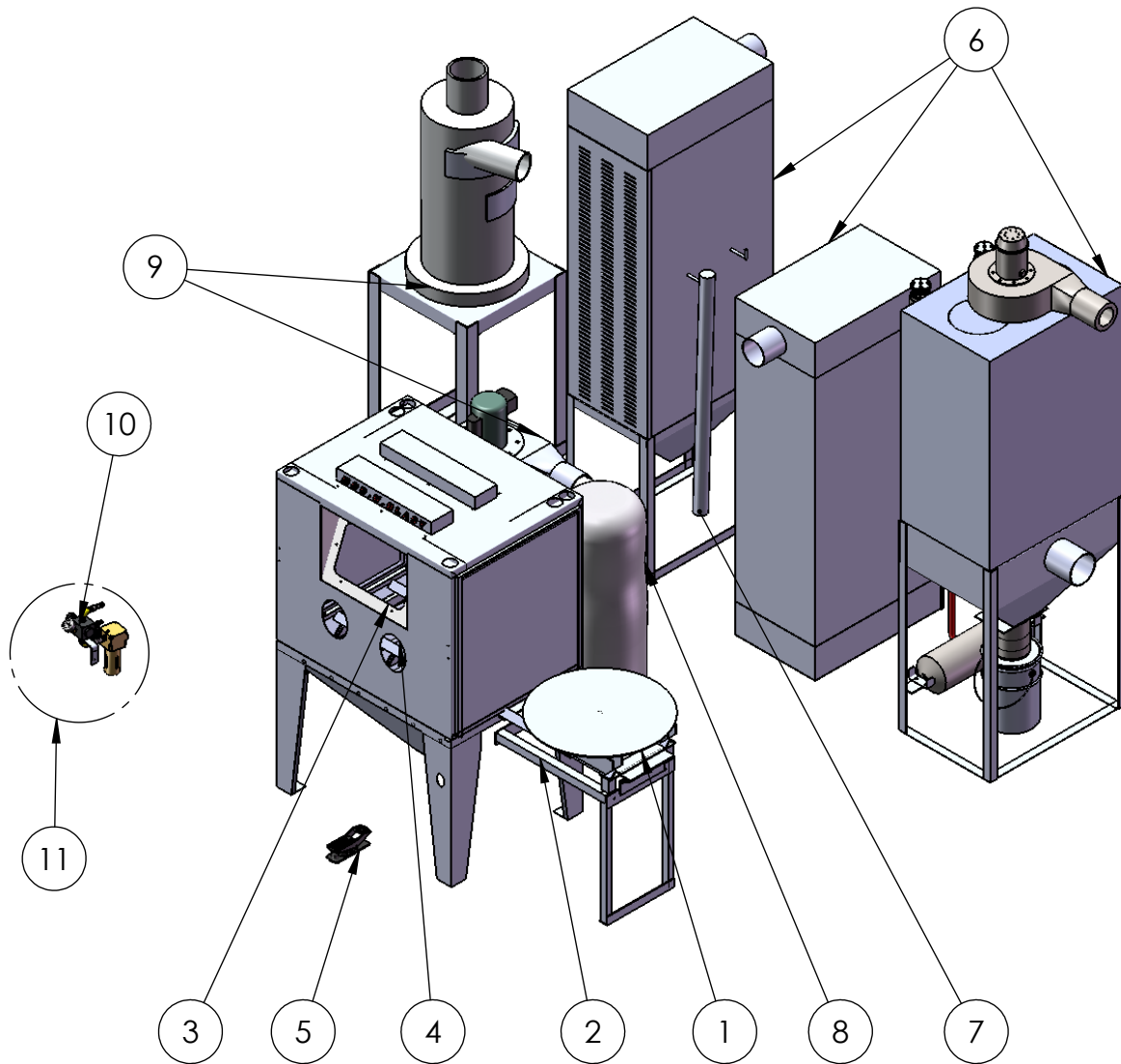
Mod-u-blast windows come with a clear plastic protector on them. As these become pitted they can be easily replaced to extend the life of the window. Order them through your dealer; part #41117 (pk of 25) or 41117s for singles. The window can also be easily replaced as well (part #12216).

7.5 Poor media flow

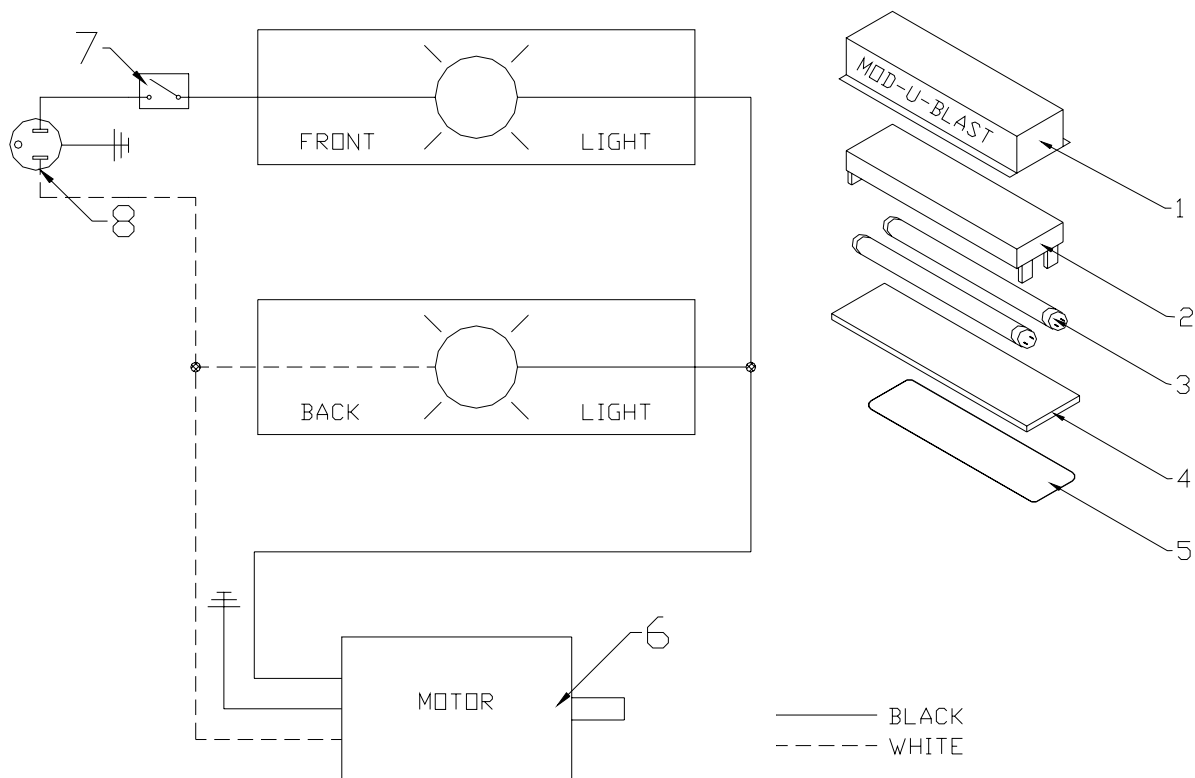
- Check for moisture as indicated above. Install moisture trap as needed, Replace damp media and clean hoses and sump.
- Holes in media hose will cause poor media delivery. Replace hose.
- Debris in media. Replace or screen media. The difference between a pressure cabinet and a suction cabinet is in how the media is mixed with the pressurized air stream. The suction cabinets have an air jet which sucks the media up to the gun and the media is mixed in just before it exits through the nozzle. Pressure cabinets mix the media in a grit valve that is pressurized and then the pressurized mixture travels through the hose to the nozzle. This greatly increases the speed at which the media leaves the nozzle thus increasing production substantially.

AIR PRESSURE: As with the suction cabinets the blasting pressure is adjusted at the pressure regulator at the front of the cabinet. Blasting can typically be accomplished at lower pressures with a pressure cabinet as compared to a suction cabinet. Glass bead at 80 psi in a suction cabinet is equivalent to 50 or 60 psi in a pressure cabinet.





| ITEM NO. | PART # | DESCRIPTION |
|----------|----------|---|
| 1 | 016890-2 | 20" TURNTABLE W/30" INSIDE TRACK |
| - | 016890-3 | 20" TURNTABLE W/36" INSIDE TRACK |
| - | 016890-4 | 20" TURNTABLE W/48" INSIDE TRACK |
| - | 016890-5 | 20" TURNTABLE W/60" INSIDE TRACK |
| - | 016891-3 | 30" TURNTABLE W/36" INSIDE TRACK |
| - | 016891-4 | 30" TURNTABLE W/48" INSIDE TRACK |
| - | 016891-5 | 30" TURNTABLE W/60" INSIDE TRACK |
| - | 016895-4 | 36" TURNTABLE W/48" INSIDE TRACK |
| - | 016895-5 | 36" TURNTABLE W/60" INSIDE TRACK |
| 2 | 016870-2 | 30" OUTSIDE TRACK & BASE W/HINGE LIFT KIT |
| - | 016870-3 | 36" OUTSIDE TRACK & BASE W/HINGE LIFT KIT |
| - | 016870-4 | 48" OUTSIDE TRACK & BASE W/HINGE LIFT KIT |
| - | 016870-5 | 60" OUTSIDE TRACK & BASE W/HINGE LIFT KIT |
| 3 | 12216 | SAFTY WINDOW |
| - | 41117S | PLASTIC WINDOW PROTECTOR(SINGLE) |
| - | 41117 | PLASTIC WINDOW PROTECTOR(PKG.OF 25) |
| 4 | 15210 | MOD-U-BLAST NEOPRENE GLOVES 8.5" |
| - | 15270 | HD NATURAL RUBBER GLOVES 8.5" |
| - | 15280 | HD NEOPRENE GLOVES 8.5" |
| 5 | 16190M | 1/2" MOD-U-BLAST FOOT PEDAL COMPLETE |
| 6 | M300F | 300 CFM DRY FILTER |
| - | M600F | 600 CFM DRY FILTER |
| - | M900F | 900 CFM DRY FILTER |
| - | M300FH | 300 CFM FILTER W/HOPPER |
| - | M600FH | 600 CFM FILTER W/HOPPER |
| - | M900FH | 900 CFM FILTER W/HOPPER |
| - | M1200FH | 1200 CFM FILTER W/HOPPER |
| - | M600-2C | 600 CFM REVERSE PULSE DUST COLLECTOR |
| - | M900-2C | 900 CFM REVERSE PULSE DUST COLLECTOR |
| - | 011507 | 600/900 CFM CARTRIDGE FILTERS |
| 7 | 011503 | 600/900/1200 CFM DRY FILTER SOCK |
| 8 | 11501 | 300 CFM DUST BAG 5" INLET |
| - | 11502 | 600 CFM DUST BAG 6" INLET |
| 9 | M300-REC | 300 CFM RECLAIMER |
| - | M600-REC | 600 CFM RECLAIMER |
| - | M900-REC | 900 CFM RECLAIMER |
| 10 | 50-330 | 3/8" REGULATOR |
| - | 50-335 | 1/2" REGULATOR |
| - | 50-350 | 3/4" REGULATOR |
| 11 | FREG07 | FILTER REGULATOR ASSEMBLY |

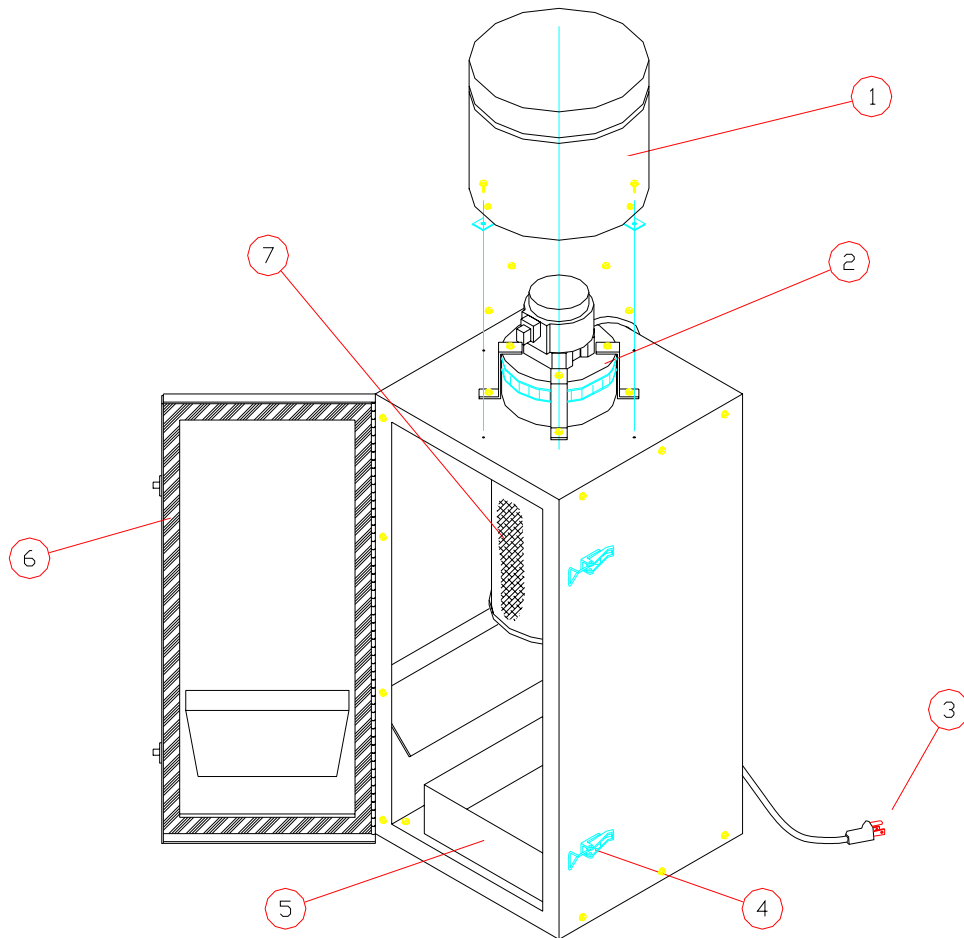


S SERIES CABINET ELECTRICAL PARTS

| ITEM | PART # | DESCRIPTION |
|------|---------|----------------------------------|
| 1 | Z-LAMPX | FIXTURE COVER MOD-U-BLAST FRONT |
| | Z-LAMPB | FIXTURE COVER BLANK REAR |
| 2 | 16372 | LAMP FIXTURE ONLY |
| 3 | 16370 | 24" FLOURESCENT TUBE |
| 4 | 12215A | WINDOW REAR LIGHT ONLY |
| 5 | 43518S | WINDOW PROTECTOR REAR LIGHT ONLY |
| 6 | 16006 | 300 CFM ½ HP MOTOR 115/230 V |
| | 16007 | 600 CFM 1 HP MOTOR 115/230 V |
| 7 | 16373A | ½ HP ELECTRIC SWITCH |
| | 16371 | 1 HP ELECTRIC SWITCH |



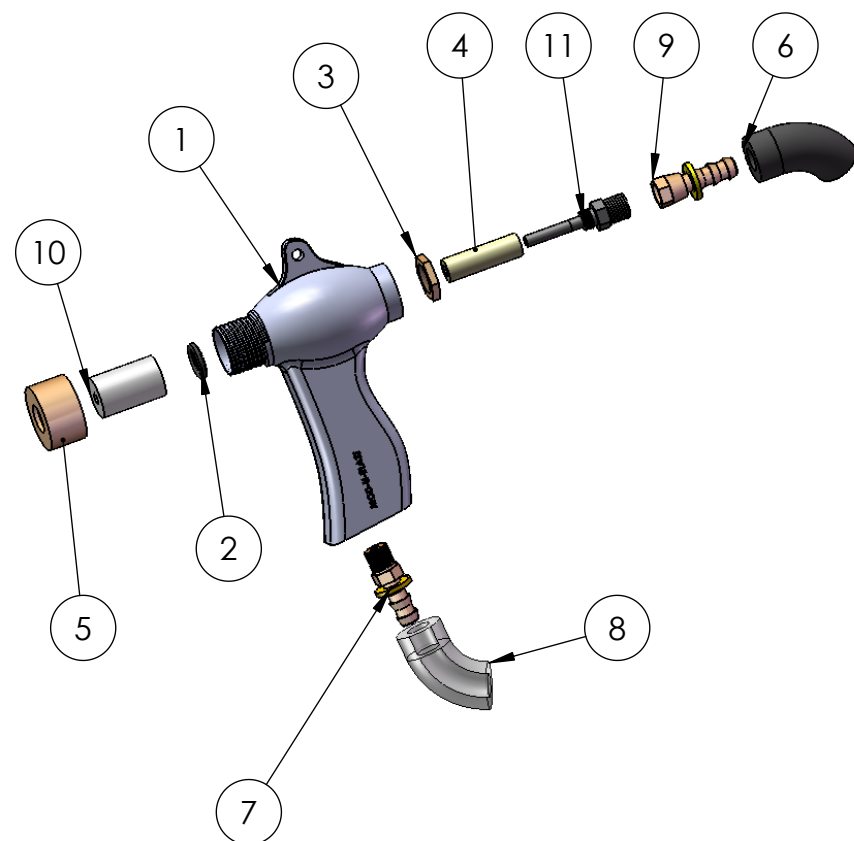
S SERIES 150 CFM DUST COLLECTOR



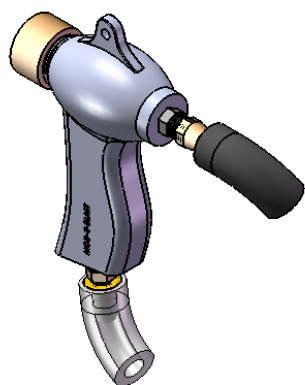
| ITEM | PART # | DESCRIPTION |
|------|---------|------------------------|
| 1 | 16564M | MOTOR COVER |
| 2 | 16560 | VACUUM MOTOR |
| 3 | 16376A | 3 WIRE ELECTRICAL CORD |
| 4 | Z-CATCH | ADJUSTABLE DOOR CATCH |
| 5 | 16568 | DUST PAN |
| 6 | 12433-2 | 1" X 1/4" FOAM SEALER |
| 7 | 16565 | FILTER CARTRIDGE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

MOD-U-BLAST

S SERIES SUCTION GUN



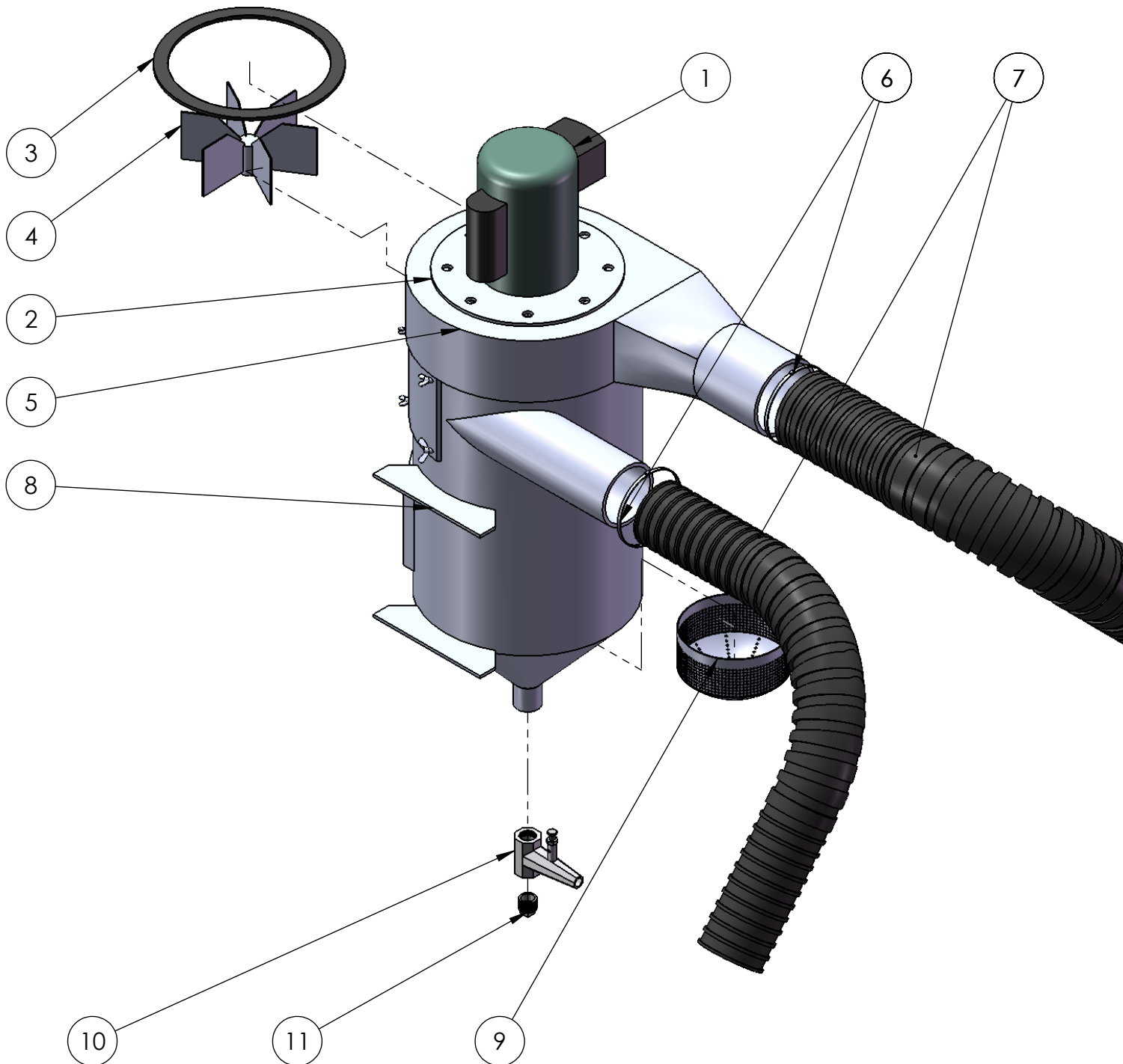
| ITEM NO. | PART# | DESCRIPTION |
|----------|---------|------------------------------------|
| 1 | 11802 | MOD-U-BLAST GUN BODY ONLY |
| 2 | 12031 | NOZZLE O RING |
| 3 | 11913 | AIR JET HEX NUT |
| 4 | 11913 | AIR JET SLEEVE |
| 5 | 11914 | NOZZLE HOLDING NUT BRASS |
| 6 | 12-PUSH | 1/2" PUSH ON AIR HOSE |
| 7 | 11724 | 3/8" LOCK BARB FITTING MEDIA INLET |
| 8 | 12-MED | 1/2" MEDIA HOSE |
| 9 | 11723 | 3/8" SWIVEL FITTING AIR INLET |
| 10 | 36664 | #4 CERAMIC NOZZLE |
| - | 36665 | #5 CERAMIC NOZZLE |
| - | 36666 | #6 CERAMIC NOZZLE |
| - | 36667 | #7 CERAMIC NOZZLE |
| - | 37664 | #4 BORON NOZZLE |
| - | 37665 | #5 BORON NOZZLE |
| - | 37666 | #6 BORON NOZZLE |
| 11 | 12341 | #3.5 AIR JET |
| - | 12342 | #4 AIR JET |
| - | 12343 | #5 AIR JET |
| - | 12344 | #6 AIR JET |
| - | 12345 | #7 AIR JET |
| - | 12346 | #8 AIR JET |
| - | 12348 | #3 AIR JET |



COMPLETE GUN ASSEMBLIES

| | |
|--------|----------------------------------|
| 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 |

RECLAIMER



| ITEM NO. | PART# | DESCRIPTION |
|----------|---------|----------------------------------|
| 1 | 16012 | MOTOR 115/220V 2HP 900CFM |
| - | 16007 | MOTOR 115/220V 1HP 600CFM |
| - | 16006 | MOTOR 115/220V 1/2HP 300CFM |
| 2 | 11986 | MOTOR MOUNT PLATE 900CFM |
| - | 11985 | MOTOR MOUNT PLATE 600CFM |
| - | 11984 | MOTOR MOUNT PLATE 300CFM |
| 3 | 12433-2 | 1"X1/4" SEALING GASKET(25' ROLL) |
| 4 | 12335 | PADDLE WHEEL 900CFM |
| - | 12334 | PADDLE WHEEL 600CFM |
| - | 12333 | PADDLE WHEEL 300CFM |
| 5 | 16003FH | FAN HOUSING 900CFM |
| - | 16002FH | FAN HOUSING 600CFM |
| - | 16001FH | FAN HOUSING 300CFM |
| 6 | 12535 | SCREW CLAMP 7-8" |
| - | 11579 | SCREW CLAMP 6" |
| - | 11578 | SCREW CLAMP 5" |
| 7 | 16070 | FLEX HOSE 7" 900CFM |
| - | 16060 | FLEX HOSE 6" 600CFM |
| - | 16050 | FLEX HOSE 5" 300CFM |
| 8 | 16003-B | RECLAIMER BODY 900CFM |
| - | 16003 | RECLAIMER COMPLETE 900CFM |
| - | 16002-B | RECLAIMER BODY 600CFM |
| - | 16002 | RECLAIMER COMPLETE 600CFM |
| - | 16001-B | RECLAIMER BODY 300CFM |
| - | 16001 | RECLAIMER COMPLETE 300CFM |
| 9 | 13139 | FLAT SCREEN 3/16" PERF |
| 10 | 16025 | METERING VALVE |
| 11 | 12011 | METERING VALVE PLUG |

NOTE:

**ONLY STANDARD RECLAIMER SYSTEMS SHOWN HERE
OTHER OPTIONS ARE AVAILABLE PLEASE CONTACT YOUR
LOCAL REPRESENTATIVE FOR MORE INFORMATION**



Certificate of Compliance

Certificate Number: LR 104892-1

Revision: LR 104892-3

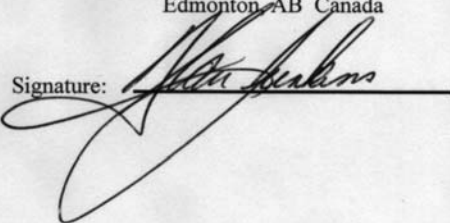
Date Issued: January 8, 1998

Issued to: Manus 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 Junkins, 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.

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