

Warranty:

Cyclone abrasive blast cabinets are warranted against defects in workmanship or materials in accord with the following terms:

- Warranty extends to the original owner only.
- Warranty does not cover blast cabinets used in commercial rentals.
- Warranty is valid for one year (1) following the date of purchase.
- Warranty does not cover standard wear items such as the nozzle, orifice, blasting material, window and gaskets.
- Warranty does not cover misuse of blast cabinet. This includes failure to follow instructions.
- Warranty does not cover blast unit if altered or otherwise changed from original state from the Factory.
- WARRANTY DOES NOT COVER DAMAGES IN TRANSIT. IN SUCH CASES, THE RECEIVER SHOULD CONTACT THE FREIGHT CARRIER WITHIN 24-36 HOURS OF DELIVERY TO FILE A CLAIM. IT IS NOT THE RESPONSIBILITY OF THE MANUFACTURER TO FILE THE CLAIM. IF ANY PARTS SHOULD BE REQUIRED TO FIX A FREIGHT DAMAGED UNIT, THE RECEIVER WILL BE BILLED ACCORDINGLY. THIS BILL CAN THEN BE TURNED OVER TO THE FREIGHT CARRIER. USERS SHOULD CALL THEIR DISTRIBUTOR OR THE FACTORY UPON INSPECTION OF ANY PROBLEM. A TECHNICAL PERSON CAN ASSIST YOU.

This warranty grants the user certain legal rights. Users and purchasers may also be protected by other rights that vary with location. Note: Except for the warranties set forth above, Cyclone makes no other warranties of any kind - express or implied. Including warranties of merchantability of fitness of product for a particular purpose.

Replacement Parts List and Accessory Listing

2018*	1/8" NPT Air Gauge	2019*	3/8" NPT Air Regulator
2005	Glove Clamp	2022	18" Rubber Gloves
2031*	Foot Pedal Assembly	2048*	Pack of 12 Mylar Window Protectors
2049	Lid Assembly	7001	14 CFM Trigger Gun Assembly
7002*	5 CFM Trigger Gun Assembly	7006*	Gun For Foot Pedal Assembly
7009*	5 CFM Ceramic Nozzle	7011*	14 CFM Ceramic Nozzle
7076*	5 CFM Steel Orifice	7077*	14 CFM Steel Orifice
7080*	14 CFM Tungsten Carbide Nozzle	7081	3 Pack of Mild Steel Nozzles
7084*	5 CFM Tungsten Carbide Nozzle	DC1500*	90 DFM Dust Collection System
EB25*	Parts Blast Basket	ET150*	Economy Parts Turn Table 20" diameter

Items marked () are accessories and DO NOT COME STANDARD WITH THIS UNIT. They may be purchased separately.



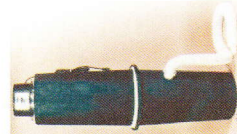
Part Blast Basket



Air Gauge & Regulator



Foot Pedal Assembly



DC1500* Dust Collection System



Pack of 12 Mylar Shields



Air Gauge & Regulator



P.O. Box 815
Dowagiac, MI 49047
Phone 269-782-9670 Fax 269-782-9623
www.cycloneblasters.com

Operation & Parts Manual

Model PK36 Blast Cabinet

WARNING! ! Abrasive blast cabinets produce a powerful flow of abrasive particles. To avoid personal injury and/or property damage, read this manual thoroughly before operating the blast cabinet.

It is suggested this manual be kept for reference of blaster model number and replacement parts listing.



This blast cabinet is set up for use with **DRY Abrasive Materials ONLY!**
DO NOT MIX FLUIDS WITH BLAST MATERIAL!

Introduction

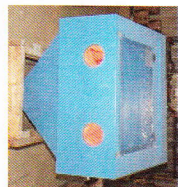
Cyclone abrasive blast cabinets are designed for cleaning and finishing with dry blast materials such as glass beads, aluminum oxide, blasting garnet, silicon carbide and sands. The system is sealed at all openings, such as the door & window. The blast system will produce several different finishes, depending on the type of blasting material used.

Precautionary Check List

- Always close lid before blasting.
- Make sure all air connections are secure.
- Do Not Operate Over 120 PSI.
- Always clean any split blasting material from work area. It can cause floors to become slippery.
- Use lower air pressure to clean soft metals and delicate parts.
- Always keep the blast stream moving in a circular or horizontal motion. Any blast concentrated in one area will result in pitting and uneven blast surfaces.
- **DO NOT USE STEEL SHOT IN THIS BLAST CABINET!** This cabinet is not designed for or set up for steel shot. Use of steel shot in this blast unit will void the warranty and possibly injure the operator!
- **DO NOT USE LIQUID OF ANY KIND IN THIS BLAST CABINET!** Liquids will cause the blast media to clump up and not flow out of blast gun properly. Use of any liquids will void the warranty and could cause damage to the cabinet!

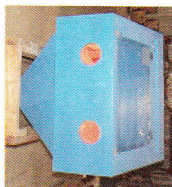
How To Assemble and Install Blast Cabinet

- 1) Take all parts out of box for identification & assembly.

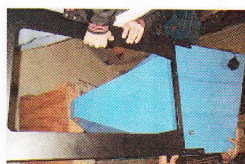
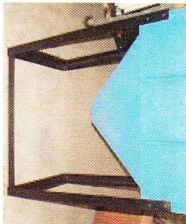


20 1/4x14 Self Tapping Screws, Right & Left Leg & 1 Floor Brace, 2 ea. 1/4-20x 1/2 Bolts, Nuts & Washers

- 2) Lay cabinet on side (or in hollow centered barrel).
- 3) Making sure to have the proper leg for the side of the cabinet you have started on, slide the leg up to the cabinet. Make sure the cabinet body rests on the lip on the inside of the leg. Once there and lined up, take the 1/4-14 self tapping screws and begin inserting them through the holes in the legs and into the cabinet body. Again, make sure you have the correct leg for the side of the cabinet. Once this side is complete, repeat above instructions for the opposite side of cabinet.



After you have both legs on and secured, you can install the floor brace.



- 4) Install no more than 70 watt light bulb into socket on the interior of the cabinet. This system is wired for 110 volt. The blast cabinet has a 3 pronged grounded plug to guard against electric shock. If only 2 pronged receptacle is available, a ground adapter can be used. Make sure the green lead from the adapter is properly attached to a grounded wire system. If any extension cords are used, be sure they are in good condition.

Note: The Canadian Electrical Code prohibits the use of 3 pronged adapters.



- 5) Install the dust collection system according to manufacturers directions. (Dust Collection System Must Be Purchased Separately). The dust system hose will fit into the 1 1/4" hole found on the upper left hand side of blast unit. It just slides in-no holding device. A Shop Vac type vacuum will work sufficiently for intermittent use of blast cabinet. More regular use of the blast system will require a better dust collection system. We suggest some sort of dust collection system for proper operation of the blast cabinet.

- 6) Attach air fitting and air supply to the 1/4" coupler on the left hand side of the cabinet.
- 7) Pour blast media through the metal screen on the inside of cabinet into the blast hopper. We suggest no more than 10-25 lbs. of blast material. Overfilling will create problems with the material properly flowing to the gun system and creates excess dust.

- 8) Place part to be blasted on metal grate.
- 9) Turn light on.

- 10) Depress trigger. Keep the blast spray pattern moving across your part for best results.

Trouble Shooting

<u>Problem</u>	<u>Cause</u>	<u>Remedy</u>
Excessive Dust	Dust collection system failing Too much blasting material Blasting material worn	Clean out canister and/or replace filters. Remove excess material Replace with new material
Surging	Too much blasting material	Remove excess material
Inadequate Blast	Blast material worn Gun parts worn Blast material worn Too much air	Replace with new material Replace with new nozzle & orifice Replace with new material Regulate air to 80-100 psi
Static	Change in humidity Faulty ground wiring	Stand on cardboard/rubber mat Install static electric band. Check electrical wiring Get lined gloves
Unit Won't Blast	Excessively worn gun parts.	Replace parts and be sure they are in the proper place.