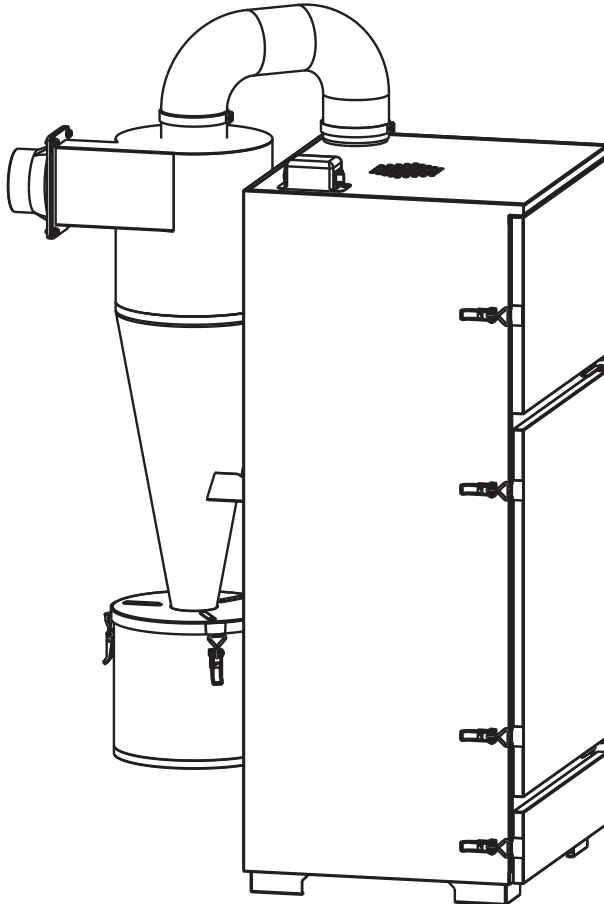


CYCLONE DUST COLLECTOR

OPERATING INSTRUCTIONS AND PARTS MANUAL

MODEL: CDC








Please read and save these instructions.

Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.

TABLE OF CONTENTS

Safety	1
Specifications	2
Setup	3
Operation	4
Maintenance	5
Parts List and Diagram	6
Warranty	7

WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

General Tool Safety Warnings

WARNING

Read all safety warnings and instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

IMPORTANT SAFETY INFORMATION

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
2. **DON'T USE IN DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.
3. **KEEP CHILDREN AWAY.** All visitors should be kept safe distance from work area.
4. **WEAR PROPER APPAREL.** Do not wear loose clothing, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended.
Wear protective hair covering to contain long hair.
5. **ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
6. **MAINTAIN TOOLS WITH CARE.** Keep tools clean for best and safest performance. Follow instructions for lubricating and changing accessories.
7. **DISCONNECT TOOLS** before servicing.
8. **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in off position before plugging in.
9. **USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.

IMPORTANT SAFETY INFORMATION

10. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function – check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

11. **NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF.** Don't leave tool until it comes to a complete stop.

DUST RECLAIMER SAFETY WARNINGS

For Your Own Safety Read Instruction Manual Before Operating

1. Wear eye protection.
2. Do not use with any openings blocked. Keep openings clear of anything that may limit air flow or hinder motor operation.
3. Do not use the Reclaimer without its Filter (18) in place. Before each use, make sure the Filter is not clogged.
4. This product is designed only to pick up dry debris. Do not use the Dust Reclaimer to pick up water (or any other liquid) from the floor or containers such as sinks, tubs, barrels, etc.
5. When mounting the Dust Reclaimer to a wall surface, make sure the wall and the mounting hardware used (not included) are capable of supporting the weight of the Dust Reclaimer and its contents.
6. Prior to drilling mounting holes in a wall surface, check to make sure there are no hidden electrical cables, gas or plumbing pipes in the drilling path.

DUST RECLAIMER SAFETY WARNINGS

7. Do not use for abrasives containing crystalline silica. Silica containing abrasives have been linked to severe respiratory disease such as silicosis. Use proper abrasives such as aluminum oxide, glass bead, or walnut shell.

8. DO NOT OPERATE WITH ANY GUARD DISABLED, DAMAGED, OR REMOVED.

9. The use of accessories or attachments not recommended by the manufacturer may result in a risk of injury to persons.

10. When servicing use only identical replacement parts.

11. Only use safety equipment that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.

12. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

13. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

14. Avoid unintentional starting. Prepare to begin work before turning on the tool.

DUST RECLAIMER SAFETY WARNINGS

15. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.

16. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



SAVE THESE INSTRUCTIONS.

SPECIFICATIONS

- ◆ This is newly designed high efficiency Cyclone Dust Collector, with two stage dust cleaning system.
- ◆ Powerful extraction fan providing large dust vacuum, ideally equipped for sandblaster cabinet.
- ◆ Noise Level: 75dB@ 1m
- ◆ Dust Collecting Capacity: 2.9 kg/h

ASSEMBLY

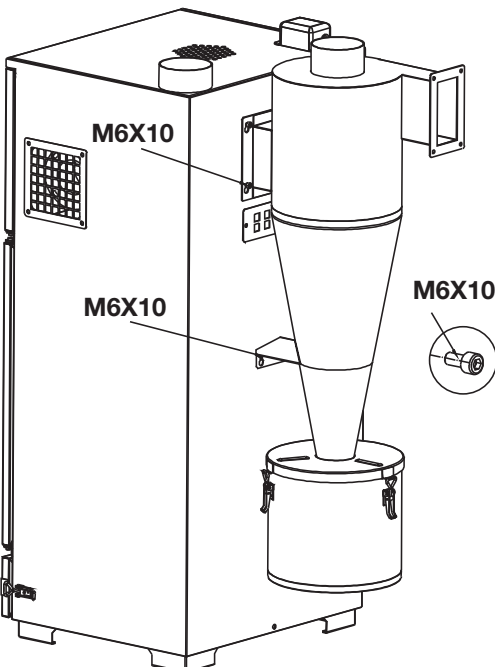


Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

! WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:


Turn the Power Switch of the tool off and unplug the tool from its electrical outlet before performing any procedure in this section.



STEP 01

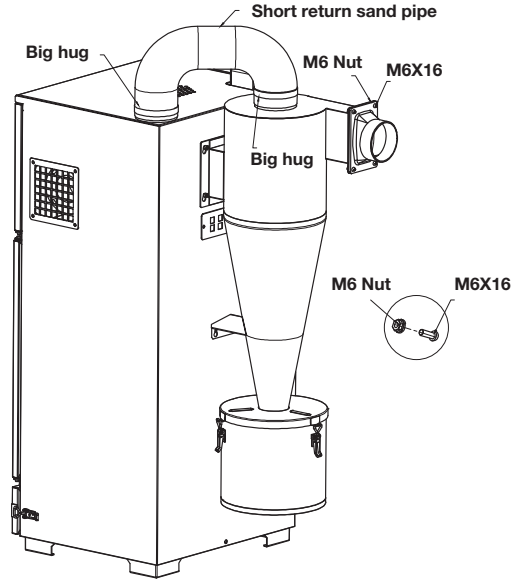
1. Attach the cyclon to the DC cabinet, use M6*10 screw.

HARDWARE USED

M6X10 mm SCREW 6 

STEP 02

2. Connect the air vent seat to the cyclone, also connect the the cyclone & DC cabinet with short pipe.

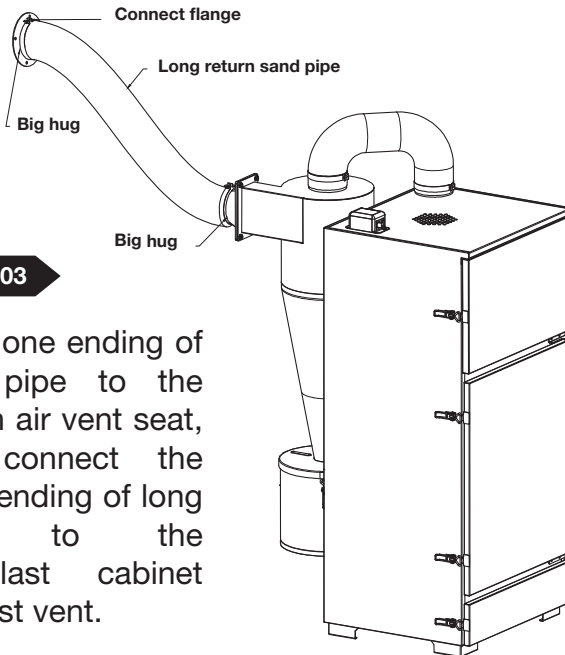


HARDWARE USED

AA M6X10 mm SCREW 4



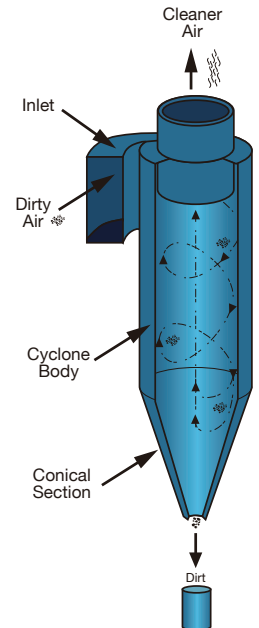
EE M6 Nut 4



STEP 03

3. Fix one ending of long pipe to the cyclon air vent seat, and connect the other ending of long pipe to the sandblast cabinet exhaust vent.

FUNCTION



WARNING

PREVENT SERIOUS INJURY:

DO NOT OPERATE WITH ANY GUARD DISABLED, DAMAGED, OR REMOVED.

1. Make sure the Dust Collector Cap is closed and latched. Then, turn on the Dust Reclaimer using the Power Switch.
2. The Dust Reclaimer will immediately activate, drawing airborne particles out of the Blast Cabinet and into the Filter and Dust Housing of the Dust Reclaimer.
3. To prevent accidents, turn off the tool and disconnect its power supply after use.



Procedures not specifically explained in this manual must be performed only by a qualified technician.

WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Turn the Power Switch of the tool off and unplug the tool from its electrical outlet before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

1. BEFORE EACH USE, inspect the general condition of the tool. Check for:

- loose hardware,
- cracked or broken parts,
- plugged hose or suction port,
- any other condition that may affect its safe operation.
- misalignment or binding of moving parts,
- damaged electrical wiring,

2. AFTER USE, wipe external surfaces of the tool with clean cloth.

3. Inadequate Blast Cabinet ventilation will result in reduced cleaning power as well as diminished view of the work in progress. Empty the

Maintenance and Servicing

Dust Reclaimer after every 20 to 30 minutes of Blast Cabinet use (more often in more dusty conditions):

- a. Unplug the Power Cord from its electrical outlet.
 - b. Release the Latch , and open the Dust Collector Cap at the bottom of the Dust Reclaimer. Then, allow the dust and debris to pour out into a proper waste container.
 - c. Push in and out on the Pull Rod several times to help shake out any remaining dust and debris from the Dust Reclaimer.
 - d. Close the Dust Collector Cap, and refasten the Latch.
4. Periodically, remove the Filter and use compressed air to blow out the dust and debris from the Filter to keep the Dust Reclaimer working efficiently. Replace the Filter as needed:
- a. Unplug the Power Cord from its electrical outlet.
 - b. Remove the Radiating Guard from the top of the Dust Reclaimer.
 - c. Remove the Filter, and clean with compressed air.
 - d. Replace the Filter and Radiating Guard.
5. **WARNING! If the supply cord of this power tool is damaged, it must be replaced only by a qualified service technician.**

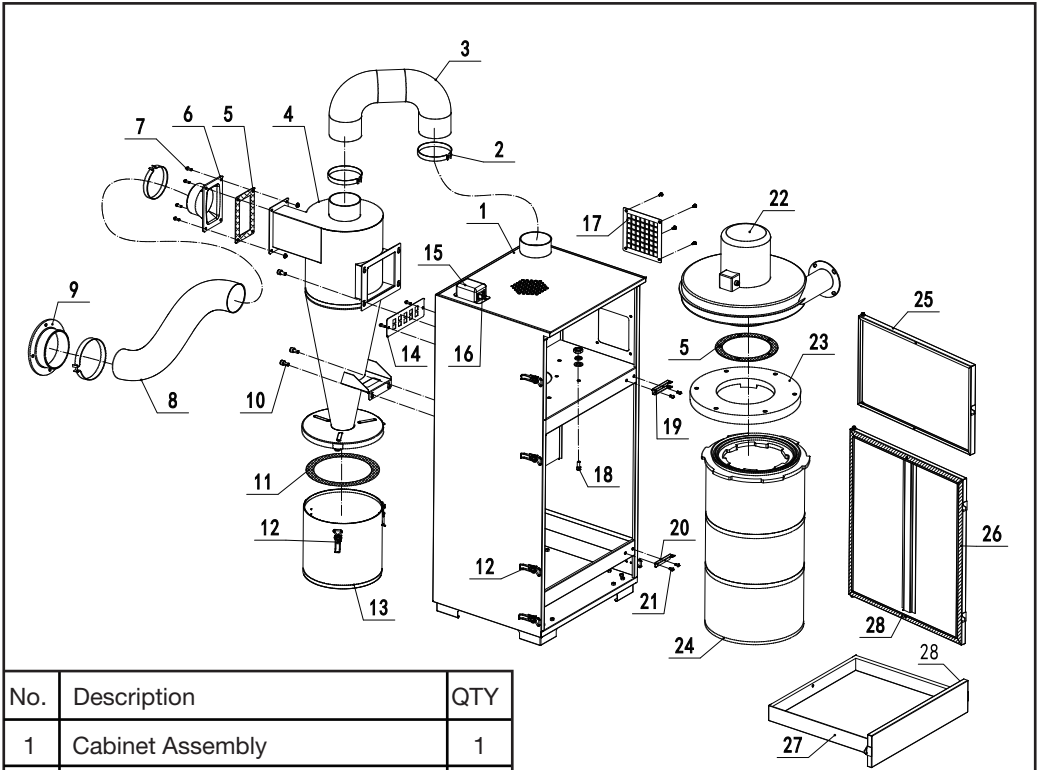
Troubleshooting

Problem	Possible Solutions
Dust Reclaimer does not turn on.	<ol style="list-style-type: none">1. Make sure the Power Switch on is in its "ON" position.2. Make sure the Power Cord Plug of the Dust Reclaimer is properly connected to a working, grounded, electrical outlet.3. Have a qualified service technician check out the Dust Reclaimer and Blast Cabinet.
Poor visibility within the Blast Cabinet.	<ol style="list-style-type: none">1. Check to make sure Dust Reclaimer is on.2. Dust Reclaimer is filled. Empty and clean out Dust Reclaimer.3. Filter in Dust Reclaimer needs to be cleaned or replaced.4. Check to make sure there is no clogging in the Wire Mesh Reinforced Hose.5. Have a qualified service technician check out the Dust Reclaimer and Blast Cabinet.



Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

PARTS LIST



No.	Description	QTY
1	Cabinet Assembly	1
2	Clamp	4
3	Exhaust pipe ϕ 101x750mm	1
4	Cyclone seperator	1
5	Sealing cotton 3MM	1
6	Air vent seat	1
7	M6X16 round head screw	4
8	Exhaust pipe ϕ 101x1500mm	1
9	Flange	1
10	M6x10 hexagon socket head cap screw	6
11	Sealing cotton 6MM	1
12	Latch	8
13	Container for dust	1
14	Back Cover	1
15	Switch Box	1

No.	Description	QTY
16	Switch	1
17	Cover of the air outlet	1
18	M8x20 hexagon socket head cap screw	11
19	Hinged support for the upper door	1
20	Hinged support for the lower door	1
21	M6x12 hexagon socket head cap screw	4
22	Motor	1
23	Fixture for filter	1
24	Filter	1
25	Upper Door	1
26	Lower Door	1
27	Drawer Assembly	1
28	Rubber Sealing Strip	1