



OPERATION AND MAINTENANCE MANUAL

INDUSTRIAL VACUUM CLEANER SYSTEM
ELECTRICALLY OPERATED FOR DRY RECOVERY

MODEL: C-10EX



File number: 090716

**DUST IGNITION PROTECTED, DESIGNED AND CERTIFIED FOR USE IN
CLASS II - DIVISION 2 - GROUPS F & G HAZARDOUS LOCATIONS
as defined in the National Electric Code (NFPA 70)**

**READ ALL INSTRUCTIONS BEFORE OPERATING,
CLEANING OR SERVICING**

IMPORTANT - SAVE THESE INSTRUCTIONS

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September 8, 2015

1.0 INSPECTION

Carefully unpack and inspect your Vacuum Cleaner for shipping damage. Each vacuum cleaner is tested and thoroughly inspected before being shipped; therefore, any damage is the responsibility of the delivering carrier, who should be notified.

2.0 APPLICATIONS

WARNING: A full Process Hazard Analysis has to be conducted by the user for the recovery of dusts in hazardous areas. The recommendations in this manual cannot, in any case, supplant the conclusions of a full Process Hazard Analysis.

C-10 EX series are electrically operated, dust ignition protected industrial vacuum cleaner systems designed and certified for use in **CLASS II - DIVISION 2 - GROUPS F & G HAZARDOUS LOCATIONS**, as defined in the National Electric Code (NFPA 70)

WARNING: THIS VACUUM CLEANER IS NOT DESIGNED TO BE USED IN DIVISION 1 HAZARDOUS LOCATIONS. DO NOT USE THIS VACUUM CLEANER IN DIVISION 1 HAZARDOUS LOCATIONS.

WARNING: THIS VACUUM CLEANER IS NOT DESIGNED TO BE USED IN GROUP E HAZARDOUS LOCATIONS CONTAINING METAL DUSTS. DO NOT USE THIS VACUUM CLEANER IN GROUP E HAZARDOUS LOCATIONS CONTAINING METAL DUSTS.

WARNING: THIS VACUUM CLEANER IS NOT DESIGNED TO BE USED IN CLASS I HAZARDOUS LOCATIONS CONTAINING FLAMMABLE GASES, VAPORS OR LIQUIDS. DO NOT USE THIS VACUUM CLEANER IN CLASS I HAZARDOUS LOCATIONS CONTAINING FLAMMABLE GASES, VAPORS OR LIQUIDS.

WARNING: This vacuum cleaner is designed for the recovery of dry materials only. Do not recover liquids.

WARNING: Only tools and accessories provided by the manufacturer shall be used with this vacuum cleaner. The use of other tools and accessories may impair safety.

2.1. APPLICATIONS IN POTENTIALLY EXPLOSIVE ATMOSPHERES IN PRESENCE OF FLAMMABLE GASES, VAPORS OR LIQUIDS

WARNING: THIS VACUUM CLEANER IS NOT DESIGNED TO BE USED IN CLASS I HAZARDOUS LOCATIONS CONTAINING FLAMMABLE GASES, VAPORS OR LIQUIDS. DO NOT USE THIS VACUUM CLEANER IN CLASS I HAZARDOUS LOCATIONS CONTAINING FLAMMABLE GASES, VAPORS OR LIQUIDS.

WARNING: This vacuum cleaner is designed for the recovery of dry materials only. Do not recover liquids.

2.2. APPLICATIONS IN POTENTIALLY EXPLOSIVE ATMOSPHERES IN PRESENCE OF COMBUSTIBLE DUST

C-10 EX series are electrically operated, dust ignition protected industrial vacuum cleaner systems designed and certified for use in **CLASS II - DIVISION 2 - GROUPS F & G HAZARDOUS LOCATIONS**, as defined in the National Electric Code (NFPA 70)

Model C-10 EX **can be used to recover:**

- carbon black, charcoal, coal or coke dusts or these dusts sensitized by other materials so that they present an explosion hazard
- Other combustible dusts including flour, grain, wood, plastic and chemicals

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WARNING: THIS VACUUM CLEANER IS NOT DESIGNED TO BE USED IN GROUP E HAZARDOUS LOCATIONS CONTAINING METAL DUSTS. DO NOT USE THIS VACUUM CLEANER IN GROUP E HAZARDOUS LOCATIONS CONTAINING METAL DUSTS.

WARNING: DO NOT RECOVER ANY HOT EMBERS OR IGNITED DUSTS.

3.0 SPECIAL CONDITION FOR SAFE USE

IMPORTANT: FOLLOW THE BELOW SPECIAL CONDITIONS FOR SAFE USE TO AVOID POTENTIAL SOURCES OF IGNITION.

3.1. LAYERS OF DUST

WARNING: Clean regularly the vacuum cleaner surfaces with a water damped cloth to avoid dust accumulation which could create a potential source of ignition.

3.2. BURNING MATERIAL

WARNING: DO NOT PICK-UP ANYTHING THAT IS BURNING OR SMOKING, SUCH AS HOT ASHES, CIGARETTES, MATCHES OR LIVE EMBERS.

3.3. FLAMMABLE LIQUIDS

WARNING: THIS VACUUM CLEANER IS NOT DESIGNED TO RECOVER FLAMMABLE LIQUIDS. DO NOT USE THIS VACUUM CLEANER TO RECOVER FLAMMABLE LIQUIDS.

3.4. METAL DUST

WARNING: THIS VACUUM CLEANER IS NOT DESIGNED TO RECOVER METAL DUSTS. DO NOT USE THIS VACUUM CLEANER TO RECOVER METAL DUSTS.

3.5. SELF-IGNITION OF DUST

WARNING: DO NOT USE THIS VACUUM CLEANER TO RECOVER DUST OR MIXTURE OF DUSTS THAT CAN SELF-IGNITE.

3.6.MECHANICALLY GENERATED SPARKS

WARNING: To prevent mechanically generated sparks (thermite reaction) avoid impact of the wand and tools supplied with the vacuum cleaner with any rusted parts present in the working area.

3.7.SPECIAL CONDITION FOR SAFE USE IN REGARD TO ELECTROSTATIC CHARGES GENERATION

When the vacuum cleaner is used as recommended in this manual it has been determined that no significant or continuous electrostatic charge accumulation, which could act as a potential ignition source, can occur.

Nevertheless, it is recommended for safe use not to perform any specific action on the insulating items assembled on the vacuum cleaner, such as a continuous and intense manual rubbing, which could lead to a significant electrostatic charge accumulation.

This special condition for safe use is to be observed particularly in regard to the plastic handles, the plastic wheel covers and the paint coating on the vacuum cleaner.

4.0PRE-USAGE INSTRUCTIONS AND IMPORTANT SAFETY PRECAUTIONS

WARNING: This vacuum cleaner must be properly grounded.**DO NOT OPERATE UNIT WITHOUT A PROPER GROUND SOURCE.**

WARNING: The vacuum cleaner unit and detachable tools and accessories are completely grounded and use special static-free materials. Use only original replacement parts from the manufacturer or from one of its authorized distributors.

WARNING: The vacuum cleaner is supplied without an electrical plug. It is the user's responsibility to install a suitable plug certified for the hazardous locations area classification.

WARNING: The plug should be installed by a qualified electrician only. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING: This appliance is for dry use only and is not to be used or stored outdoors in wet conditions.

WARNING: Before use, operators should be provided with information, instruction and training for the use of the appliance and the substances for which it is to be used, including the safe method of removal and disposal of the material collected

WARNING: Use only original replacement parts from the manufacturer or from one of its authorized distributors. This equipment is certified only if used with supplied or recommended hose and tools. The use of other hose and tools may impair safety. Any alteration to this equipment by a third party nullifies its certification.

WARNING: This appliance is not suitable to pick up dusts or liquids of high explosion risk, nor mixtures of combustible dust with liquids.

WARNING: Improper use of this vacuum cleaner will result in the voiding of the warranty.

FILTER BLOCKAGE WARNING LIGHT:

A filter blockage warning Light is installed on the vacuum cleaner. The light turns on to indicate a loss of suction. In such case collection bag may be full, cloth filters (main filters and safety filters) may need to be washed or HEPA filters may need to be replaced. Refer to “Cleaning and maintenance” and to “Assembling and replacing the HEPA filters” sections.

WARNING: Improper use of this vacuum cleaner will result in the voiding of the warranty.

- a. Consult local electric code and authority having jurisdiction before using. Make sure that the electrical installation is compatible with the voltage stated on the nameplate.
- b. Examine the vacuum cleaner’s power cable for damage (cracking or ageing) before every use. Return to manufacturer for servicing if damaged. Use only the power cable supplied with the unit or one purchased from the manufacturer.
- c. Do not pull vacuum cleaner by the power cable.
- d. Turn off the vacuum cleaner and unplugged the power cable before servicing or storing the vacuum cleaner. Clean and service this vacuum cleaner **only in a NON-HAZARDOUS AREA.**

- e. This vacuum cleaner is designed for indoor use only.
- f. The tank should be clean and dry before using the vacuum cleaner.
- g. Do not pick-up anything that is burning or smoking, such as hot ashes, cigarettes, matches or live embers.
- h. The appliance shall only be operated when all filters, including filters for motor cooling air, are in position and undamaged.
- i. Connect to a properly grounded outlet only. See Grounding Instructions.
- j. Do not use extension cords
- k. For dusts with an ignition energy less than 1mJ additional restrictions of the labour authorities may apply.

5.0 PRE-CAUTIONS FOR THE RECOVERY OF HAZARDOUS MATERIALS

WARNING: **Models C-10 EX (not equipped with a HEPA filter) is not suitable for the recovery of hazardous materials.**

DANGER: **If the vacuum cleaner is used to recover toxic or nuisance materials, the following safety precautions must be taken:**

- a. The vacuum cleaner must be equipped with a HEPA filter.
- b. Service and operation should only be carried out by trained personnel.
- c. Appropriate clothing and personal protective equipment should be worn when operating or servicing the vacuum cleaner.
- d. Dispose of collected materials responsibly. Follow applicable government regulations for the disposal of hazardous materials.

WARNING: **This appliance contains dust hazardous to health. Emptying and maintenance operations, including removal of the dust collection means, must only be carried out by authorized personnel wearing suitable personal protection. Do not operate without the full filtration system fitted.**

NOTE: **Any health hazard associated with the use of this vacuum cleaner in conjunction with the recovery of asbestos and other hazardous substances has not been investigated.**

6.0 GROUNDING INSTRUCTIONS

This vacuum cleaner must be properly grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This vacuum cleaner is equipped with a cord having an equipment-grounding conductor. The vacuum cleaner is supplied without an electrical plug. It is the user's responsibility to install a suitable plug certified for the hazardous locations area classification.

The plug should be installed by a qualified electrician only. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. Ensure that the fuse/breaker on the electrical panel is of the correct rating and exceeds the maximum current rating shown on the technical data sticker of the vacuum unit. Test the electrical continuity of the vacuum cleaner prior to each use. (See section 6: testing for ground continuity).

WARNING: This vacuum cleaner for hazardous locations is equipped with conductive wheels, which allow for the vacuum cleaner to be grounded with the floor. Do not substitute the conductive wheels and use only replacement conductive wheels supplied by the manufacturer.

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether an outlet is properly grounded. If the plug will not fit the outlet, have a proper plug or outlet installed by a qualified electrician. No adaptor should be used with this vacuum cleaner

WARNING: To effectively dissipate static electricity and to ensure spark-free operation, this vacuum cleaner must be grounded during use.

DANGER: Do not operate vacuum cleaner if the electrical outlet is not properly grounded or if the grounding is questionable.

7.0 TESTING FOR GROUND CONTINUITY

WARNING: Test the electrical continuity of the vacuum cleaner before each use. This will ensure that any static electricity that is produced while vacuuming will be discharged to ground.

WARNING: Use only original replacement parts from the manufacturer or from one of its authorized distributors.

An ohm-meter is required to perform the following electrical continuity test.

- a. Disconnect the power cable from the outlet.
- b. Make sure that all the latches on the vacuum cleaner are fastened and that the detachable recovery tank is properly installed on the vacuum cleaner.
- c. Disconnect the suction hose from the vacuum cleaner.
- d. Using an ohm-meter, test the electrical continuity of the vacuum cleaner from the ground pin at the end of the power cable to the suction intake of the vacuum cleaner. A reading between 10^6 ohms and 10^9 ohms or less is satisfactory to ensure proper grounding and static dissipation.
- e. Using the ohm-meter test for the electrical continuity of the suction hose from one end to the other. A reading between 10^6 ohms and 10^9 ohms or less is satisfactory to ensure proper grounding and static dissipation.

8.0 FILTRATION SYSTEM

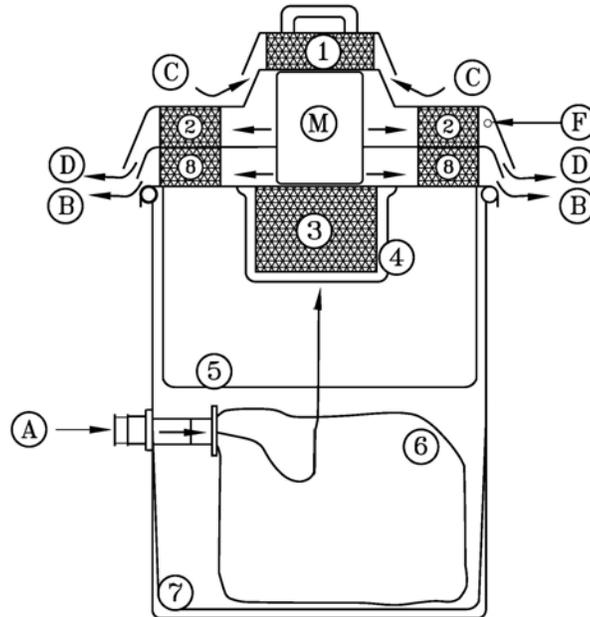


Figure 1

1. ABSOLUTE HEPA FILTER FOR MOTOR COOLING AIR INTAKE (*With minimum efficiency of 99.995% on 0.3 micron.*)
 2. ABSOLUTE HEPA FILTER FOR MOTOR COOLING AIR EXHAUST (*With minimum efficiency of 99.995% on 0.3 micron.*)
 3. ABSOLUTE HEPA FILTER FOR WORKING AIR INTAKE (*With minimum efficiency of 99.995% on 0.3 micron.*)
 4. SAFETY FILTER (STATIC DISSIPATIVE)
 5. MAIN CLOTH FILTER (STATIC DISSIPATIVE)
 6. COLLECTION BAG (STATIC DISSIPATIVE)
 7. POLY LINER RECOVERY BAG (STATIC DISSIPATIVE)
 8. ABSOLUTE HEPA FILTER FOR WORKING AIR EXHAUST (*With minimum efficiency of 99.995% on 0.3 micron.*)
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- A. SUCTION INLET
 - B. WORKING AIR EXHAUST
 - C. MOTOR COOLING AIR INTAKE
 - D. MOTOR COOLING AIR EXHAUST
 - F. FILTER BLOCKAGE WARNING LIGHT
 - M. MOTOR

9.0 OPERATING INSTRUCTIONS - FOR DRY RECOVERY

WARNING: This vacuum cleaner is designed for the recovery of dry materials only. Do not recover liquids.

1. Disengage the latches and remove the power head from the recovery tank.
2. Place the poly liner (item # 7 on Fig. 1) at the bottom of the tank
3. Place the collection bag (item # 6 on Fig. 1) in the recovery tank on the air intake
4. Place the main cloth filter (item # 5 on Fig. 1) on the recovery tank. Make sure that the filter's gasket covers the circumference of the recovery tank lip.

IMPORTANT: Do not use this vacuum cleaner for dry recovery if the cloth filters are not installed

5. Place the power head on the recovery tank and fasten the latches.
6. Connect the airline hose of one or two suction/air hose to the air outlets placed on the vacuum cleaner



7. Fasten hose to suction intake on side of recovery tank and attach desired sander/pneumatic tools to hose.

10.0 AUTOMATIC OPERATION WITH PNEUMATIC TOOL

- a. Make sure the ON/OFF button is in the "OFF" position (0)
- b. Make sure that the AUT/MAN button is in "AUT" position (0)



- c. Connect the air line hose to the air inlet on the vacuum cleaner and to the pneumatic air source.



- d. Plug the vacuum cleaner to a grounded electrical outlet

- e. Put the ON/OFF button to the "ON" position. The red light turns on and the machine is now on standby mode.
- f. Switch the pneumatic tool ON. The vacuum motor turns on.
- g. After use, switch the pneumatic tool OFF.
- h. Wait 5 or 6 seconds before turning off the vacuum cleaner.**
- i. Switch the ON/OFF button to the "**OFF**" position.

11.0 STANDARD VACUUM CLEANER OPERATION

- a. Make sure the ON/OFF button is in the "**OFF**" position (0)
- b. Make sure that the AUT/MAN button is in position "**MAN**" (1)



- c. Connect hoses and tools
- d. Plug the vacuum cleaner to a grounded electrical outlet
- e. To turn on the vacuum cleaner place the ON/OFF button to the "**ON**" position.
- f. To switch off the cleaner place the ON/OFF button to the "**OFF**" position.

FILTER BLOCKAGE WARNING LIGHT:

A filter blockage warning Light is installed on the vacuum cleaner. The light turns on to indicate a loss of suction. In such case collection bag may be full, cloth filters (main filters and safety filters) may need to be washed or HEPA filters may need to be replaced. Refer to “Cleaning and maintenance” and to “Assembling and replacing the HEPA filters” sections.

Empty the recovery tank when necessary but also after every use. Do not allow recovered materials to sit for extended periods of time. An excessive accumulation of recovered materials can create a dust ignition hazard.

It is recommended that the cloth filters be cleaned regularly. Dirty cloth filters will reduce the airflow through and reduce the performance of the vacuum cleaner. The cloth filters (main filters and safety filters) can be washed with warm water (no detergents required).

IMPORTANT: After washing the filters, make sure that they are completely dry before reinstalling them in the vacuum. Do not reinstall the cloth filters if they are still wet.

12.0 CLEANING AND MAINTENANCE

WARNING: **Disconnect the power cable before performing any servicing or maintenance of the vacuum cleaner.**

- a. Empty and clean the recovery tank when necessary, but also after every use.
- b. Dispose of collection bag when full and replace by a new collection bag
- c. The HEPA filter should be replaced yearly, or every two years, depending on the use.
- d. Wash the cloth filters regularly with warm water. No detergent required.

IMPORTANT: **Make sure that the cloth filters are completely dry before reinstalling them in the vacuum cleaner.**

- e. The cloth filters should be replaced every two or three years depending on use.
- f. Inspect the cloth filters regularly. If the cloth filters are torn, replace immediately. A torn filter will allow dust and other materials to enter the motor and may cause pre-mature wear of the motor
- g. Keep the power cable clean and inspect it regularly for cuts or cracks

WARNING: **When carrying out service or repair operations, all contaminated items which cannot be satisfactorily cleaned, are to be disposed of; such items shall be disposed of in impervious bags in accordance with any current regulation for the disposal of such waste;**

WARNING: **Do not use the HEPA filter after removal out of the appliance.**

13.0 MOTOR MAINTENANCE

The motor used in this vacuum cleaner is designed for maintenance free operation and does not need to be serviced.

14.0 STORAGE

- a. It is recommended that the inside of the recovery tank be clean and dry when storing the vacuum cleaner.
- b. The suction intake must be closed using the storage cap provided with the vacuum cleaner.

15.0 ASSEMBLING AND REPLACING THE HEPA FILTERS

A HEPA filter is designed for filtration of ultra fine particles. A clogged HEPA filter will reduce the air flow thereby reducing the vacuum's performance thus requiring replacement.

The life of the HEPA filters depends greatly on the use of the vacuum cleaner. It is recommended that the HEPA filters be replaced once a year if the vacuum is used intensively (daily). The filters can be replaced every two years if the vacuum cleaner is used less frequently (two or three times per week)

WARNING: If the vacuum cleaner is used for the recovery of toxic materials proper clothing and the use of an appropriate breathing apparatus is necessary when servicing the HEPA filter housing or any other contaminated part of the unit.

12.1 REPLACEMENT OF THE HEPA FILTER FOR MOTOR COOLING AIR INTAKE (ITEM #1 ON FIG. 1 SEE SECTION 7 FOR ILLUSTRATION)

1. Disconnect the power cable from the outlet.
2. Unscrew the three hex nuts securing the top section of the power head to the lid
3. Remove and discard the old HEPA filter
4. Carefully inspect the seal gaskets for wear and breaks. Replace gaskets if defective.
5. Place the new filter on the lid.
6. Securely fasten the top section of the power head to the lid using the three hex nuts.
7. Dispose of the contaminated filter according to government regulations. (If applicable)

12.2 REPLACEMENT OF THE HEPA FILTER FOR MOTOR COOLING AIR EXHAUST (ITEM #2 ON FIG. 1 SEE SECTION 7 FOR ILLUSTRATION)

1. Disconnect the power cable from the outlet.
2. Unscrew the six hex nuts securing the middle section of the power head to the lid
3. Remove and discard the old HEPA filter.
4. Carefully inspect the seal gasket on the HEPA filter. Replace gasket if defective.
5. Place the new filter on the lid.
6. Securely fasten the middle section of the power head to the lid using the six hex nuts.
7. Dispose of the contaminated filter according to government regulations. (If applicable)

12.3 HEPA FILTER FOR WORKING AIR INTAKE (ITEM #3 SEE SECTION 7 FOR ILLUSTRATION)

1. Disconnect the power cable from the outlet.
2. Disengage the latches and remove the power head from the recovery tank.
3. Remove the safety filter
4. Unscrew the three hex nuts securing the cylindrical HEPA housing assembly to the underside of the lid.
5. Remove the HEPA housing assembly and discard the old HEPA filter.
6. Carefully inspect the seal gaskets for wear and breaks. Replace gaskets if defective.
7. Insert the new filter into the housing.
8. Securely fasten the HEPA housing using the three hex nuts.
9. Dispose of the contaminated filter according to government regulations. (If applicable)

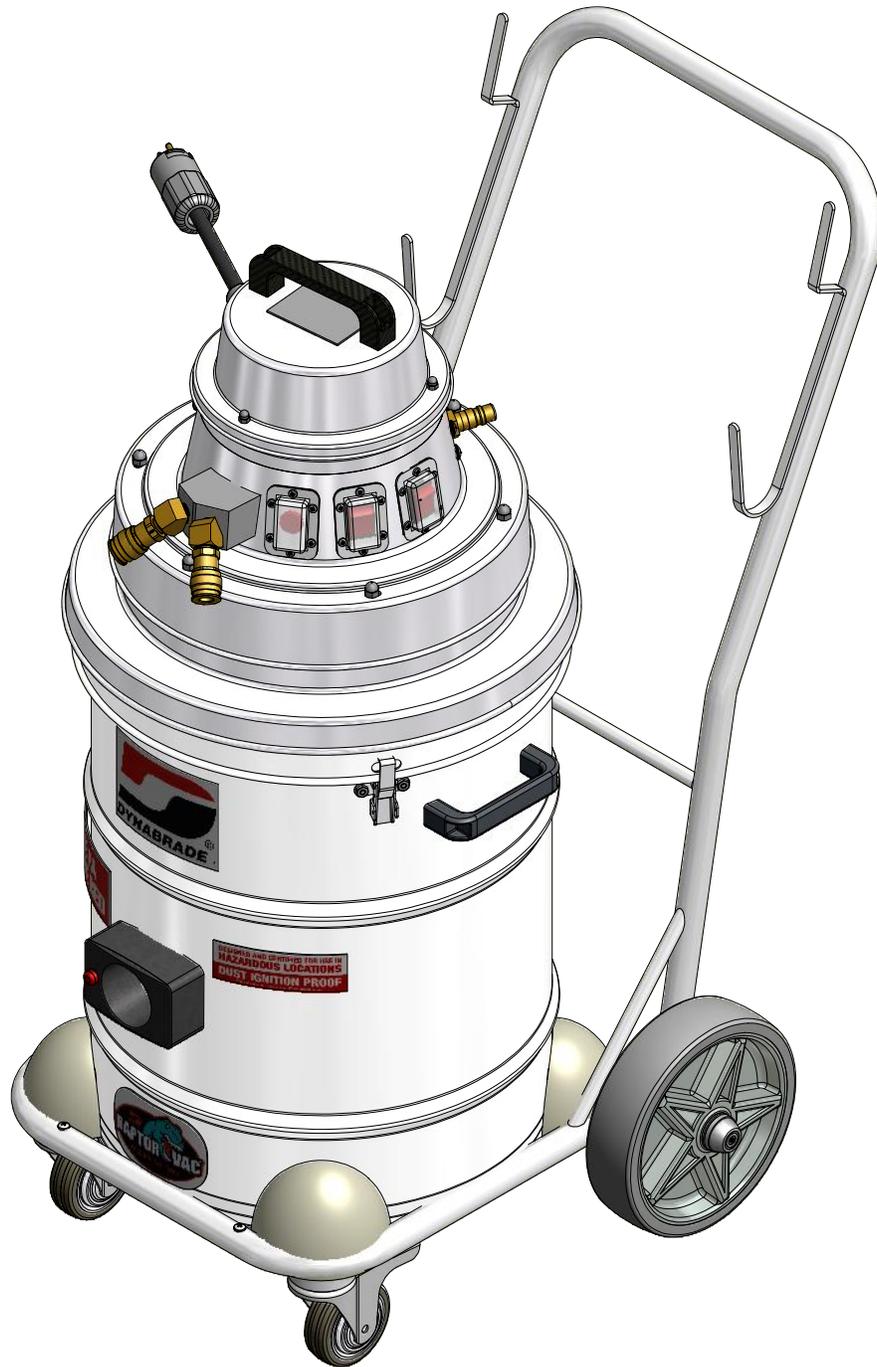
12.3 HEPA FILTER FOR WORKING AIR EXHAUST (ITEM #8 SEE SECTION 7 FOR ILLUSTRATION)

1. Disconnect the power cable from the outlet.
2. Unscrew the six hex nuts securing the upper motor housing
3. Lift the lower motor housing to access the HEPA filter placed on the lid
4. Remove and discard the old HEPA filter.
5. Carefully inspect the seal gasket on the HEPA filter. Replace gasket if defective
6. Place the new filter on the lid.
7. Place back the lower motor housing
8. Securely fasten the upper motor housing using the six hex nuts.
9. Dispose of the contaminated filter according to government regulations. (If applicable)

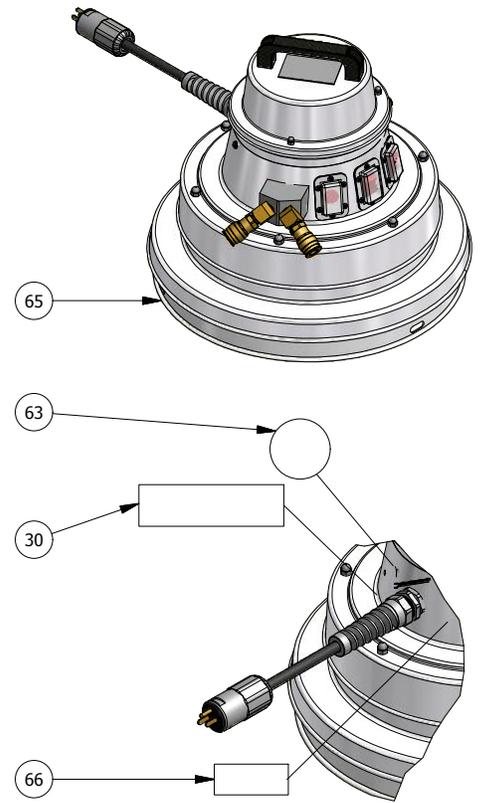
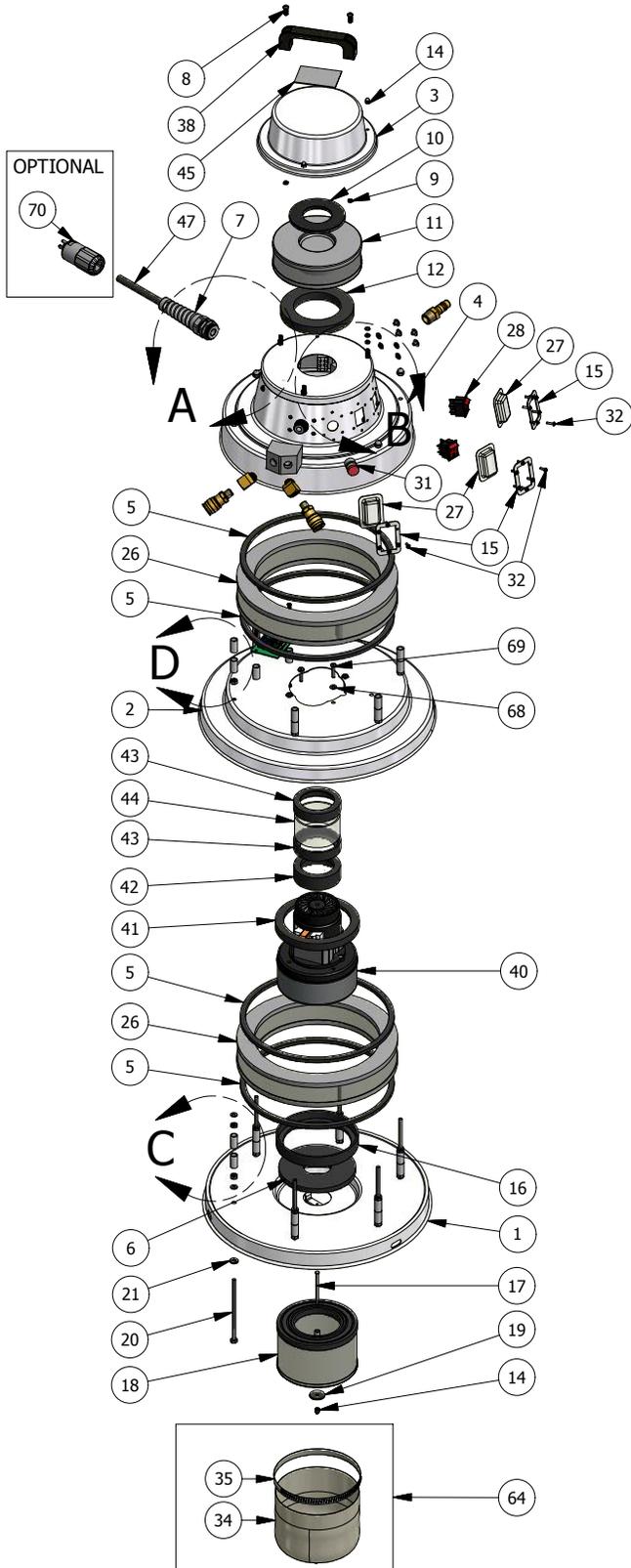
16.0 TROUBLESHOOTING:

PROBLEM	PROBABLE CAUSE	SOLUTION
Drop in suction power	Cloth filter(s) may be excessively dirty or covered with dust.	Wash or replace the cloth filter(s)
	Recovery tank may be full	Empty the recovery tank
	Suction hose or vacuum tools may be blocked	Clear blockage using a broom handle or other appropriate device

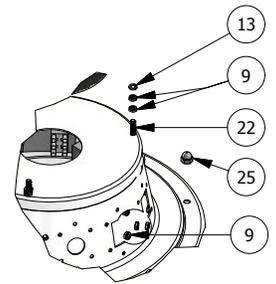
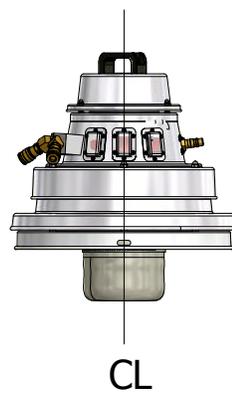
DYNABRADE C-10 (2+2W) 120V



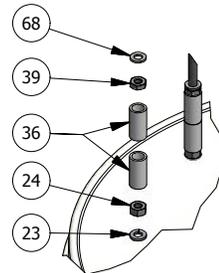
POWERHEAD MODEL DYNABRADE C-10 EX (2+2) (2+2MR) (4W) (DT) 120V



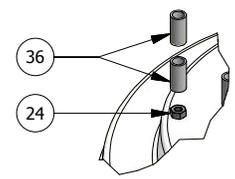
DETAIL A



DETAIL B

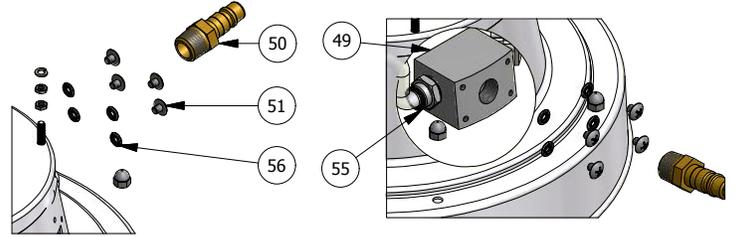
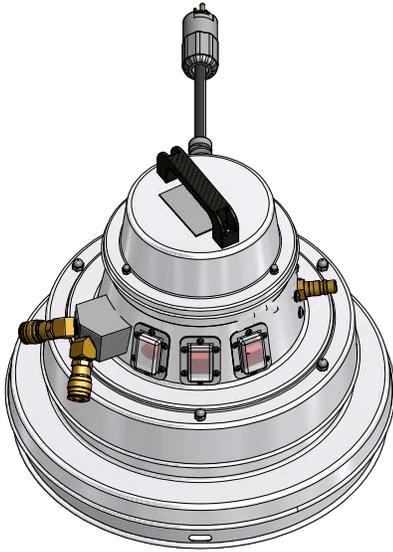


DETAIL C

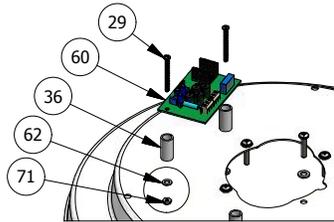


DETAIL D

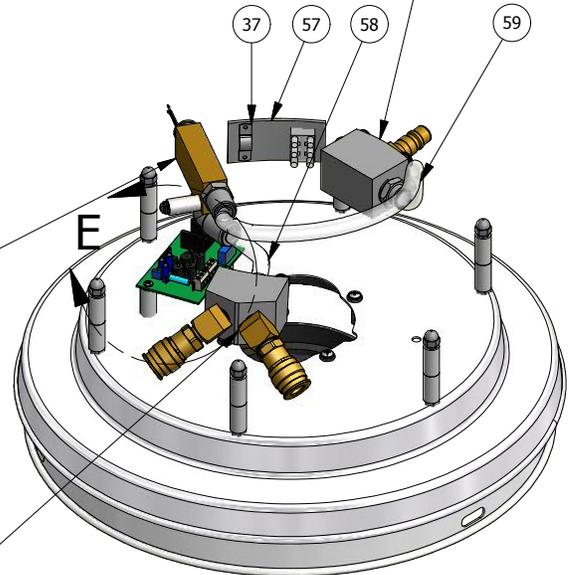
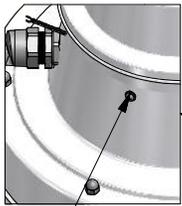
POWERHEAD MODEL DYNABRADE C-10 EX (2+2) (2+2MR) (4W) (DT) 120V



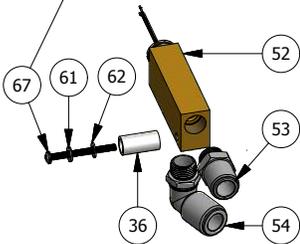
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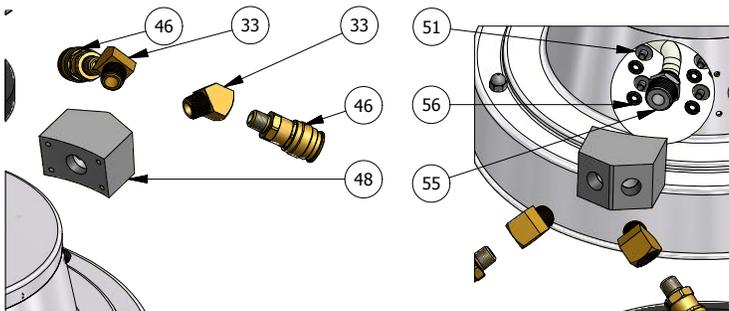
DETAIL E



DETAIL



DETAIL



POWERHEAD MODEL DYNABRADE C-10 EX (2+2) (2+2MR) (4W) (DT) 120V

PART LIST

ITEM	PART NUMBER	DESCRIPTION	QTY
1	62670	LID	1
2	62671	LOWER MOTOR HOUSING	1
3	62673	HEPA HOUSING	1
4	62672	UPPER MOTOR HOUSING	1
5	62741	GASKET	4
6	62432	GASKET LOWER MOTOR	1
7	62626	STRAIN RELIEF	1
7B	62625	STRAIN RELEIF	1
8	62352	BOLT	2
9	62395	HEX JAM NUT	26
10	62613	GASKET	1
11	62410	HEPA FILTER	1
12	62586	GASKET	1
13	62364	SPRING WASHER	3
14	62372	ACORN HEX NUT	4
15	62407	FRAME FOR SWITCH BOOT	3
16	62609	LOWER MOTOR GASKET	1
17	62521	HEX BOLT	1
18	62640	HEPA FILTER	1
19	62462	SEALING WASHER	1
20	62527	HEX BOLT	6
21	62371	SEAL WASHER	6
22	62375	BOLT	3
23	62367	SPRING WASHER	6
24	62377	HEX NUT	12
25	62443	ACORN NUT	6
26	62483	HEPA FILTER	2
27	62401	SEAL EXTERNAL	3
28	62393	SWITCH	2
29	62795	BOLT	
30	62404	WARNING STICKER "USE INDOORS ONLY"	1
31	62703	MONITORING DEVICE	1
32	62622	BOLT	18
33	62788	ELBOW	
34	62414	MICRO SAFETY FILTER	1
35	62452	CLAMP	1
36	62409	PLASTIC SPACER	27
37	62743	CABLE HOLDER	1
38	62611	HANDLE	1
39	62486	HEX JAM HUT	6
40	62394	MOTOR	1
41	62610	UPPER MOTOR GASKET	1
42	62436	GASKET	1
43	62651	GASKET	2
44	62675	GUIDE TUBE	1
45	62739	NAMEPLATE 120	1
46	62548	QUICK DISCONNECT, FEMALE	2
47	62541	POWER CABLE	10M
48	62558	MANIFOLD	1
49	62559	MANIFOLD	1
50	62351	MALE QUICK DISCONNECT	1
51	62466	SCREW	8
52	62522	FLOW SWITCH	1



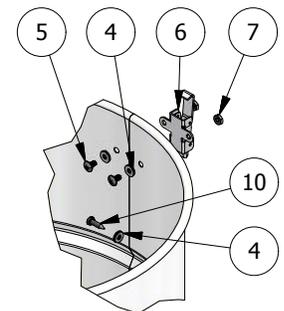
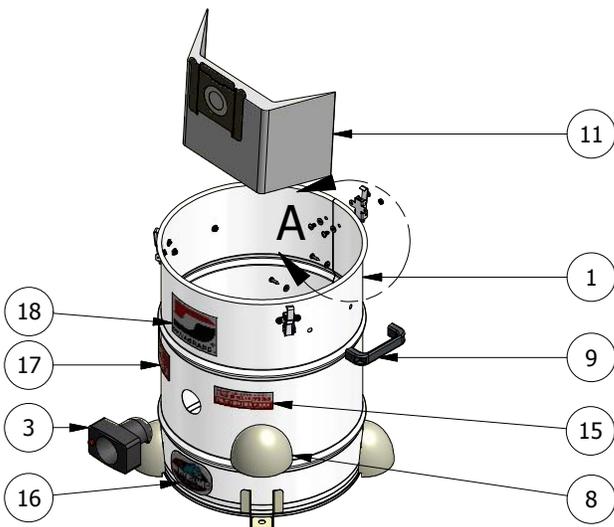
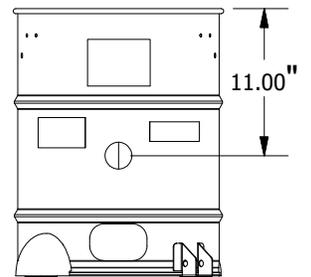
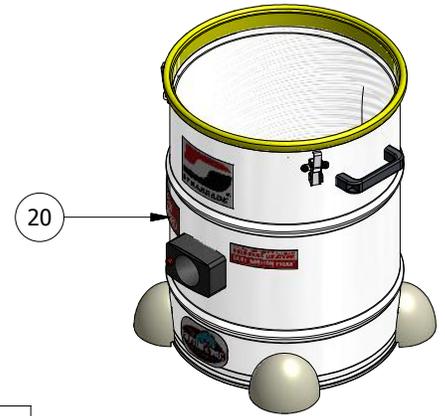
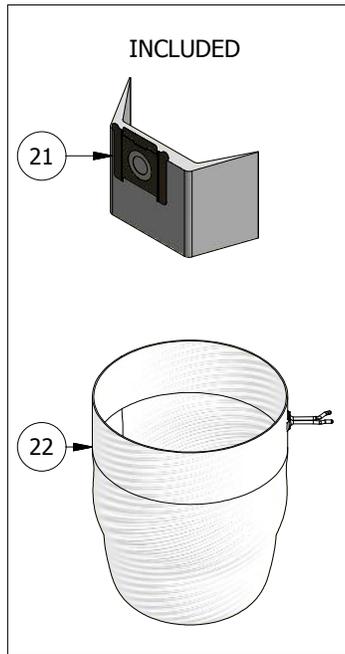
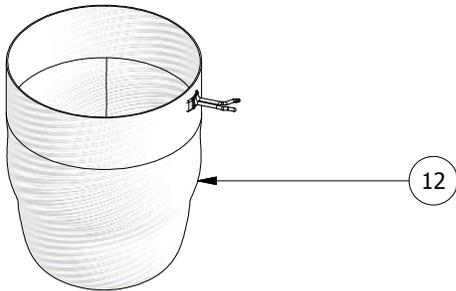
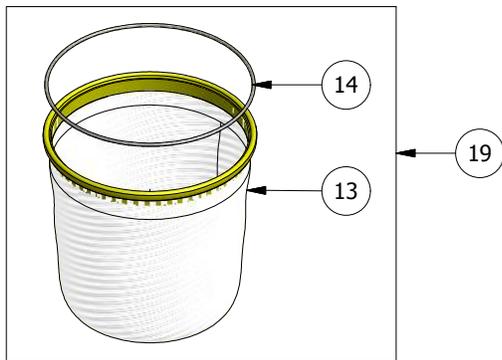
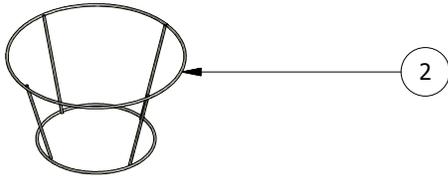
DUST IGNITION PROTECTED FOR
USE IN HAZARDOUS LOCATIONS
C US CLASS II, DIVISION 2, GROUPS F & G

POWERHEAD MODEL DYNABRADE C-10 EX (2+2) (2+2MR) (4W) (DT) 120V

PART LIST

ITEM	PART NUMBER	DESCRIPTION	QTY
53	62524	MALE CONNECTOR	1
54	62523	FITTING	1
55	62655	FITTING	2
56	62355	SEAL WASHER	8
57	62387	WIRING KIT	1
58	62652	TUBE	1
59	62653	TUBE	1
60	62525	CONTROL BOARD	1
61	62402	SEAL WASHER	1
62	62361	FLAT WASHER	3
63	62391	STICKER	1
64	62639	SD* MICRO SAFETY FILTER	1
65	62796	POWERHEAD ASSEMBLY	1
66	62479	WARNING STICKER	1
67	62797	SCREW	1
68	62356	FLAT WASHER	10
69	62370	BOLT	4
70	62798	PLUG	OPT
71	62623	HEX NUT	2

DYNABRADE C-10 2+2 120V TANK



DETAIL A

DYNABRADE C-10 2+2 120V
TANK

PART LIST

ITEM	PART NUMBER	DESCRIPTION	QTY
1	62619	DRUM	1
2	62643	CAGE	1
3	62519	SUCTION INLET	1
4	62399	SEAL WASHER	10
5	62457	SCREW	6
6	62397	LATCH	3
7	62441	HEX NUT	6
8	62464	WHEEL COVER	4
9	62612	PLASTIC HANDLE	2
10	62624	SCREW	4
11	62646	COLLECTION BAG	1
12	62637	CONDUCTIVE POLY LINER	1
13	62718	FILTER	1
14	62374	RING FOR FILTER	1
15	96619	EXPLOSION PROOF LABEL	1
16	96616	RAPTOR LABEL	1
17	96618	HEPA FILTER LABEL	1
18	19920	DYNABRADE LABEL	1
19	62719	FILTER ASSEMBLY	1
20	62618	RECOVERY TANK	1
21	62647	COLLECTION BAGS	1
22	62638	CONDUCTIVE POLY LINER	1



DUST IGNITION PROTECTED FOR
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CLASS II, DIVISION 2, GROUPS F & G

DYNABRADE C-10 2+2 120V
CART

PART LIST

ITEM	PART NUMBER	DESCRIPTION	QTY
1	62790	CARRIAGE FRAME	1
2	62791	REAR WHEEL	2
3	62499	DOWEL	2
4	62498	CAP	2
5	62448	HEX BOLT	2
6	62774	FLAT WASHER	2
7	62687	FRAME	2
8	62455	WHEEL	2
9	62645	NUT	2
10	62352	BOLT	2
11	62793	BUSHING	2
12	62794	BUMPER	2
13	62792	BOLT	2
14	62688	WHEEL	2
15	62684	CARRIAGE FRAME ASSEMBLY	1