

SETUP & OPERATION MANUAL

FEATURES

Simple design for easy maintenance.

Efficient collection and separation of large chips which drop into the collection drum before reaching the impeller.

Remote control for convenient operation from virtually anywhere in the shop.

Equipped with an ultra efficient 1 micron canister filter with total surface area of 40.3 square feet.

Canister filter equipped with crank handle/ internal shaker for easy filter cleaning without removing bag.

Sturdy steel support frame and collection drum both equipped with casters for complete mobility within the shop.

30 gallon chip collection drum included.

Special design quick-remove drum lid handle mechanism for fast, tool-free drum cleaning.

SPECIFICATIONS

- Airflow capacity
778 cfm
- Blower wheel diameter
12 3/4" (323 mm)
- Sound rating
84 dB
- Inlet diameter
(1) 6" (152 mm)
(or 2) 4" (100 mm)
- Static pressure
8" of water
- Canister filter (dia x h)
14 1/2" x 23" (370 x 600 mm)
- Overall dimensions (l x w x h)
45 5/8" x 47 1/4" x 69 1/4" (1160 x 1200 x 1760 mm)
- Motor M1
1 1/2 HP, 110 V, 11 A
- Weight
156 lbs (71 kg)

PORTABLE DUST COLLECTOR 2 STAGE - 1 1/2 HP



MODEL
#10-805CF





GENERAL® INTERNATIONAL

8360 Champ-d'Eau, Montreal (Quebec) Canada H1P 1Y3
Telephone (514) 326-1161 • Fax (514) 326-5555 • www.general.ca

THANK YOU for choosing this General® International model 10-805CF dust collector. This machine has been carefully tested and inspected before shipment and if properly used and maintained, will provide you with years of reliable service. For your safety, as well as to ensure optimum performance and trouble-free operation, and to get the most from your investment, please take the time to read this manual before assembling, installing and operating the unit.

The manual's purpose is to familiarize you with the safe operation, basic function, and features of this dust collector as well as the set-up, maintenance and identification of its parts and components. This manual is not intended as a substitute for formal woodworking instruction, nor to offer the user instruction in the craft of woodworking. If you are not sure about the safety of performing a certain operation or procedure, do not proceed until you can confirm, from knowledgeable and qualified sources, that it is safe to do so.

Once you've read through these instructions, keep this manual handy for future reference.

DISCLAIMER: The information and specifications in this manual pertain to the unit as it was supplied from the factory at the time of printing. Because we are committed to making constant improvements, General® International reserves the right to make changes to components, parts or features of this unit as deemed necessary, without prior notice and without obligation to install any such changes on previously delivered units. Reasonable care is taken at the factory to ensure that the specifications and information in this manual corresponds with that of the unit with which it

was supplied. However, special orders and "after factory" modifications may render some or all information in this manual inapplicable to your machine. Further, as several generations of this model of dust collector and several versions of this manual may be in circulation, if you own an earlier or later version of this unit, this manual may not depict your unit exactly. If you have any doubts or questions contact your retailer or our support line with the model and serial number of your unit for clarification.

GENERAL® INTERNATIONAL WARRANTY

All component parts of General® International and Excalibur by General International® products are carefully inspected during all stages of production and each unit is thoroughly inspected upon completion of assembly.

Limited Lifetime Warranty

Because of our commitment to quality and customer satisfaction, General® International agrees to repair or replace any part or component which upon examination, proves to be defective in either workmanship or material to the original purchaser for the life of the tool. However, the Limited Lifetime Warranty does not cover any product used for professional or commercial production purposes nor for industrial or educational applications. Such cases are covered by our Standard 2-year Limited Warranty only. The Limited Lifetime Warranty is also subject to the "Conditions and Exceptions" as listed below.

Standard 2-Year Limited Warranty

All products not covered by our lifetime warranty including products used in commercial, industrial and educational applications are warranted for a period of 2 years (24 months) from the date of purchase. General® International agrees to repair or replace any part or component which upon examination, proves to be defective in either workmanship or material to the original purchaser during this 2-year warranty period, subject to the "conditions and exceptions" as listed below.

To file a Claim

To file a claim under our Standard 2-year Limited Warranty or under our Limited Lifetime Warranty, all defective parts, components or machinery must be returned freight or postage prepaid to General® International, or to a nearby distributor, repair center or other location designated by General® International. For further details call our service department at 1-888-949-1161 or your local distributor for assistance when filing your claim.

Along with the return of the product being claimed for warranty, a copy of the original proof of purchase and a "letter of claim" must be included (a warranty claim form can also be used and can be obtained, upon request, from General® International or an authorized distributor) clearly stating the model and serial number of the unit (if applicable) and including an explanation of the complaint or presumed defect in material or workmanship.

CONDITIONS AND EXCEPTIONS:

This coverage is extended to the original purchaser only. Prior warranty registration is not required but documented proof of purchase i.e. a copy of original sales invoice or receipt showing the date and location of the purchase as well as the purchase price paid, must be provided at the time of claim.

Warranty does not include failures, breakage or defects deemed after inspection by General® International to have been directly or indirectly caused by or resulting from; improper use, or lack of or improper maintenance, misuse or abuse, negligence, accidents, damage in handling or transport, or normal wear and tear of any generally considered consumable parts or components.

Repairs made without the written consent of General® International will void all warranty.

TABLE OF CONTENTS

Rules for safe operation	5
Electrical requirements	6
Identification of main parts and components	7
Unpacking	8
Placement the within the shop	9
Assembly instructions	9 - 19
installing the upper cyclone separator on the impeller/separator.....	9-10
Installing the legs.....	10-11
Installing the wheels and lockable swivel casters.....	11
Installing the switch box.....	12
Installing the pressure gauge.....	12
Installing the canister filter.....	13 - 14
Installing/Assembling the collection drum.....	14 - 18
Connecting the pressure gauge and drum to the impeller.....	18-19
Installing the inlet fitting.....	19
Basic adjustments and controls	20
Connecting to a power source.....	20
Magnetic switch.....	20
Overload protection.....	20
Operating Instructions	21
Checklist before starting.....	21
Maintenance	21
Periodic maintenance.....	21
Cleaning or replacing the canister filter.....	21
Emptying the collector bag and drum.....	22
Recommended optional accessories	22
Parts list & diagram	23 - 25
Contact information	26

RULES FOR SAFE OPERATION

To help ensure safe operation, please take a moment to learn the machine's applications and limitations, as well as potential hazards. General® International disclaims any real or implied warranty and holds itself harmless for any injury that may result from the improper use of it's equipment.

1. Do not operate the dust collector when tired, distracted, or under the effects of drugs, alcohol or any medication that impairs reflexes or alertness.
2. The work area should be well lit, clean and free of debris.
3. Keep children and visitors at a safe distance when the machine is in operation; do not permit them to operate the dust collector .
4. Childproof and tamper proof your shop and all machinery with locks, master electrical switches and switch keys, to prevent unauthorized or unsupervised use.
5. STAY ALERT! Give your work your undivided attention. Even a momentary distraction can lead to serious injury.
6. Fine particulate dust is a carcinogen that can be hazardous to health. Work in a well-ventilated area and whenever possible use a dust collector and wear eye, ear and respiratory protection devices.
7. Do not wear loose clothing, gloves, bracelets, necklaces or other jewelry while the dust collector is in operation. Wear protective hair covering to contain long hair and wear non-slip footwear.
8. Do not insert hands, fingers or any foreign objects into ventilation inlet and outlet openings.
9. Do not operate this machine without either a filter bag or filter cartridge properly installed on the unit.
10. Clean filters (bags on standard model or cartridges on "CF" model) on a regular basis and replace as needed.
11. Do not handle the electrical plug with wet hands.
12. Do not use this unit outdoors, or near wet surfaces.
13. Always turn on the dust collector before starting the dust producing machine. Always turn off the dust producing machine before turning off the dust collector.
14. Do not vacuum anything that is burning, smoking or smoldering such as cigarettes, matches or hot ashes.
15. Do not vacuum or use this dust collector near flammable or combustible liquids, gases, gasoline or other fuels, lighter fluid, cleaners, oil or solvent based paints, natural gas, hydrogen or explosive dusts like coal dust, magnesium dust, grain dust or gun powder.
16. Do not operate the unit until a dust hose is installed onto the hose inlet.
17. Never leave the machine unattended while it is running or with the power on.
18. To avoid health hazards from vapors or dusts, do not vacuum toxic material.
19. Use only recommended accessories. Use of accessories NOT recommended by **General® International** may result in a risk of injury or damage to the machine.
20. Always disconnect the unit from the power source before servicing, performing any maintenance or repairs and when changing bags or hoses, or if the machine will be left unattended.
21. Make sure that the switch is in the "OFF" position before plugging in the power cord.
22. Make sure the tool is properly grounded. If equipped with a 3-prong plug, it should be used with a three-pole receptacle. Never remove the third prong.
23. Do not use this dust collector for any purpose other than its intended use. If used for other purposes, **General® International** disclaims any real or implied warranty and holds itself harmless for any injury, which may result from that use.



ELECTRICAL REQUIREMENTS



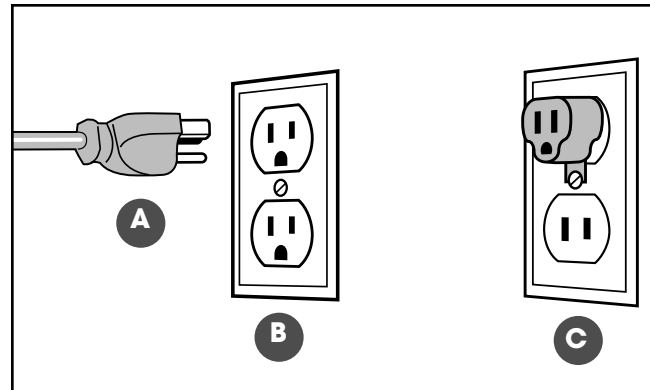
BEFORE CONNECTING THE MACHINE TO THE POWER SOURCE, VERIFY THAT THE VOLTAGE OF YOUR POWER SUPPLY CORRESPONDS WITH THE VOLTAGE SPECIFIED ON THE MOTOR I.D. NAMEPLATE. A POWER SOURCE WITH GREATER VOLTAGE THAN NEEDED CAN RESULT IN SERIOUS INJURY TO THE USER AS WELL AS DAMAGE TO THE MACHINE. IF IN DOUBT, CONTACT A QUALIFIED ELECTRICIAN BEFORE CONNECTING TO THE POWER SOURCE.

THIS TOOL IS FOR INDOOR USE ONLY. DO NOT EXPOSE TO RAIN OR USE IN WET OR DAMP LOCATIONS.

GROUNDING INSTRUCTIONS

In the event of an electrical malfunction or short circuit, grounding reduces the risk of electric shock. The motor of this machine is wired for 110 V single phase operation and is equipped with a 3-conductor cord and a 3-prong grounding plug **A** to fit a grounded type receptacle **B**. Do not remove the 3rd prong (grounding pin) to make it fit into an old 2-hole wall socket or extension cord. If an adaptor plug is used **C**, it must be attached to the metal screw of the receptacle.

Note: The use of an adaptor plug is illegal in some areas. Check your local codes. If you have any doubts or if the supplied plug does not correspond to your electrical outlet, consult a qualified electrician before proceeding.



CIRCUIT CAPACITY

Make sure that the wires in your circuit are capable of handling the amperage draw from your machine, as well as any other machines that could be operating on the same circuit. If you are unsure, consult a qualified electrician. If the circuit breaker trips or the fuse blows regularly, your machine may be operating on a circuit that is close to its amperage draw capacity. However, if an unusual amperage draw does not exist and a power failure still occurs, contact a qualified technician or our service department.

EXTENSION CORDS

If you find it necessary to use an extension cord with your machine, use only 3-wire extension cords that have 3-prong grounding plug and a matching 3-pole receptacle that accepts the tool's plug. Repair or replace a damaged extension cord or plug immediately.

Make sure the cord rating is suitable for the amperage listed on the motor I.D. plate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The accompanying chart shows the correct size extension cord to be used based on cord length and motor I.D. plate amp rating. If in doubt, use the next heavier gauge. The smaller the number, the heavier the gauge.

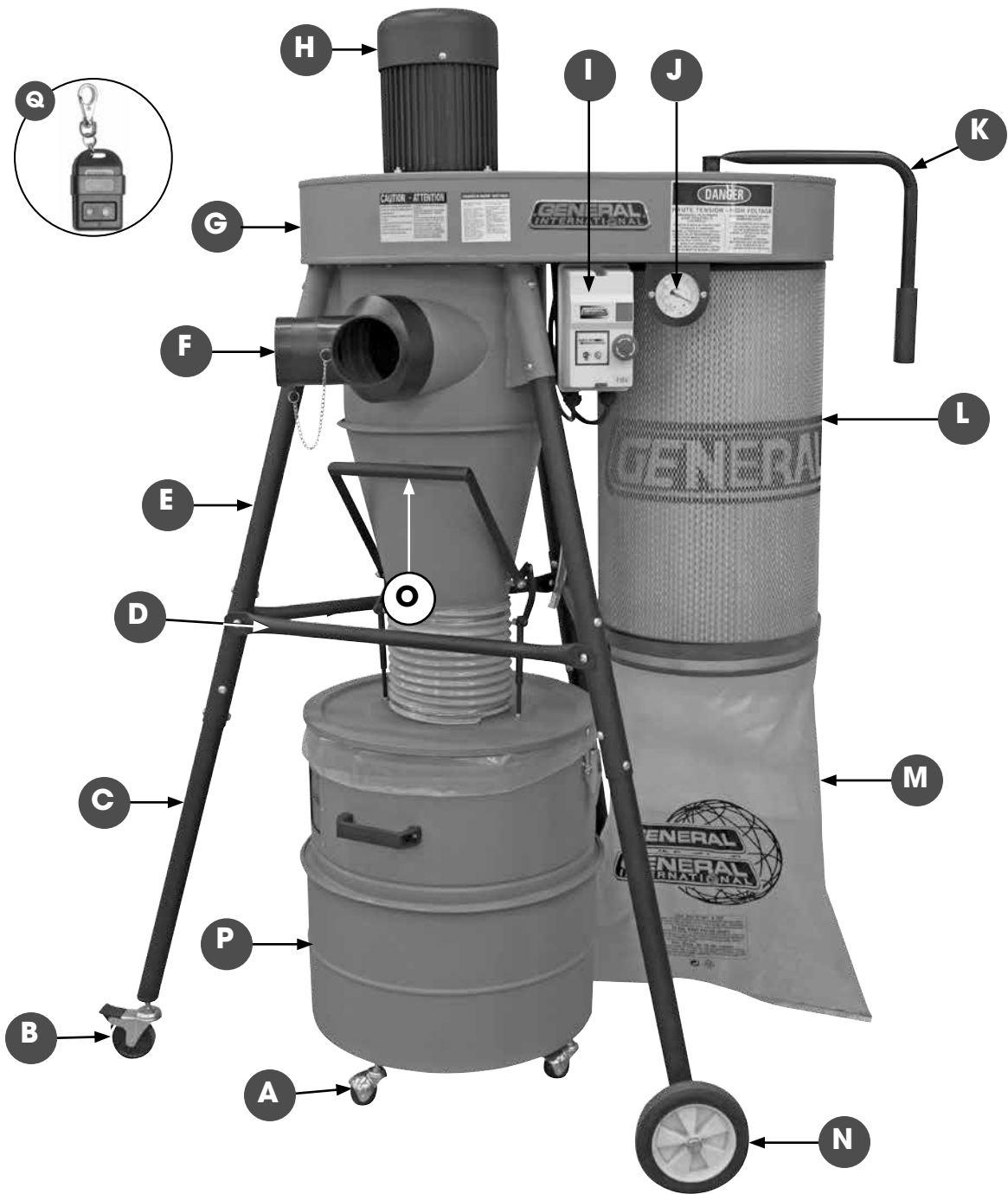
TABLE - MINIMUM GAUGE FOR CORD

EXTENSION CORD LENGTH

AMPERES	50 feet	100 feet	200 feet	300 feet
< 5	18	16	16	14
6 to 10	18	16	14	12
10 to 12	16	16	14	12
12 to 16	14	12	*NR	*NR

*NR = Not Recommended

IDENTIFICATION OF MAIN PARTS AND COMPONENTS



- | | |
|---------------------------------------|---|
| A. SWIVEL CASTER | J. PRESSURE GAUGE |
| B. LOCKABLE SWIVEL CASTER | K. CANISTER FILTER HANDLE |
| C. LOWER LEG | L. CANISTER FILTER |
| D. CROSS BRACE | M. COLLECTOR BAG |
| E. UPPER LEG | N. WHEEL |
| F. 4" & 6" HOSE INLET | O. QUICK-REMOVE DRUM LID HANDLE |
| G. IMPELLER/SEPARATOR ASSEMBLY | P. CHIP COLLECTION DRUM ASSEMBLY |
| H. MOTOR | Q. REMOTE CONTROLLER |
| I. ON/OFF MAGNETIC SWITCH | |

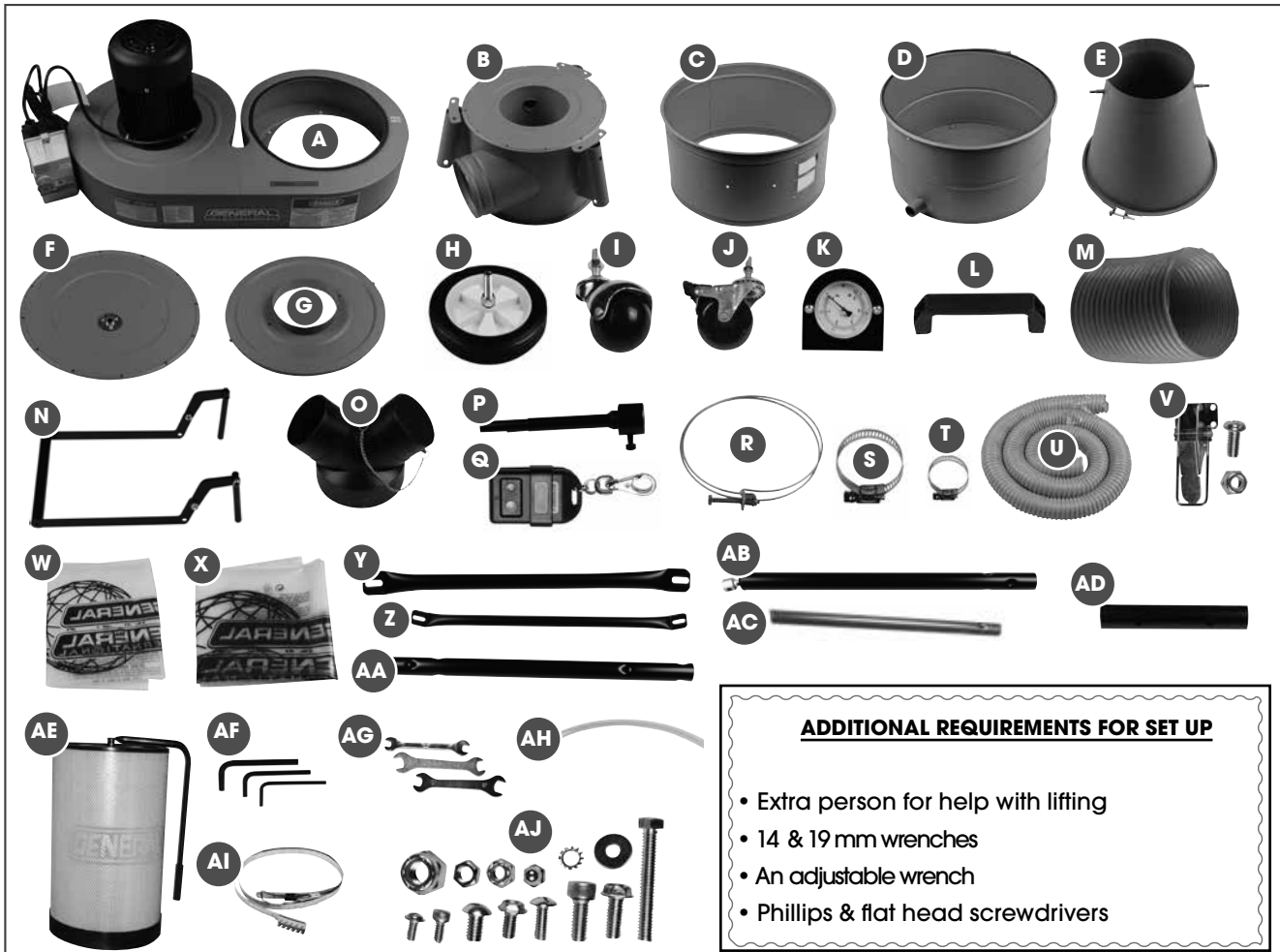
UNPACKING

Carefully unpack and remove the unit and its components from the box and check for missing or damaged items as per the list of contents below.

NOTE: PLEASE REPORT ANY DAMAGED OR MISSING ITEMS TO YOUR GENERAL® INTERNATIONAL DISTRIBUTOR IMMEDIATELY.

LIST OF CONTENTS

	QTY		QTY
A. IMPELLER/SEPARATOR ASSEMBLY	1	S. HOSE CLAMP (LARGE)	2
B. UPPER CYCLONE SEPARATOR	1	T. HOSE CLAMP (SMALL)	2
C. UPPER COLLECTION DRUM	1	U. DUST HOSE	1
D. LOWER COLLECTION DRUM	1	V. LATCH (WITH 8 SCREWS AND NYLOCK NUTS)	2
E. LOWER CYCLONE SEPARATOR	1	W. COLLECTOR BAG	1
F. CANISTER LID	1	X. DRUM LINER BAG	1
G. COLLECTION DRUM LID	1	Y. CROSS BRACE (LONG)	2
H. WHEEL	2	Z. CROSS BRACE (SHORT)	1
I. SWIVEL CASTER (DRUM)	4	AA. UPPER LEG	3
J. LOCKABLE SWIVEL CASTER	1	AB. LOWER LEG (LONG)	2
K. PRESSURE GAUGE	1	AC. LOWER LEG (SHORT)	1
L. COLLECTION DRUM HANDLE	1	AD. CONNECTOR	3
M. JUNCTION HOSE	1	AE. CANISTER FILTER	1
N. QUICK-REMOVE HANDLE	1	AF. 4, 5, 6 MM ALLEN KEY	1
O. HOSE FITTING	1	AG. COMBINATION WRENCHES	3
P. FILTER HANDLE MOUNT ARM	1	AH. PRESSURE GAUGE HOSE	1
Q. REMOTE CONTROLLER	1	AI. BAG CLAMP	1
R. HOSE CLAMP	2	AJ. HARDWARE BAG	1



ADDITIONAL REQUIREMENTS FOR SET UP

- Extra person for help with lifting
- 14 & 19 mm wrenches
- An adjustable wrench
- Phillips & flat head screwdrivers

PLACEMENT WITHIN THE SHOP

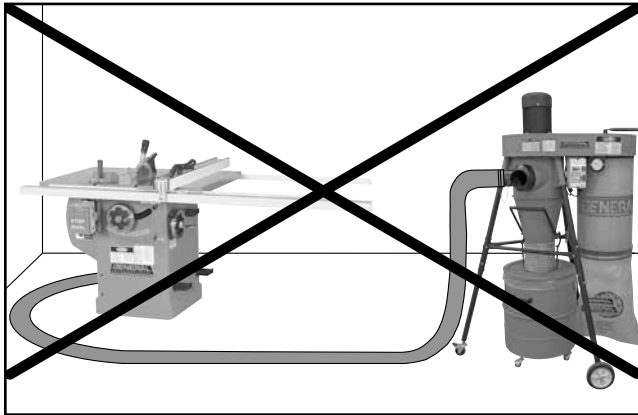
LAYING OUT A PLAN FOR THE PIPING

For permanent installations, it is advisable to map out a rough layout of your planned installation starting from the dust collector out to all the machines that you wish to connect to the system. You may vary your layout to suit your specific shop needs and may choose to use metal or plastic ducting, or flexible hose in any combination as suited to your needs.

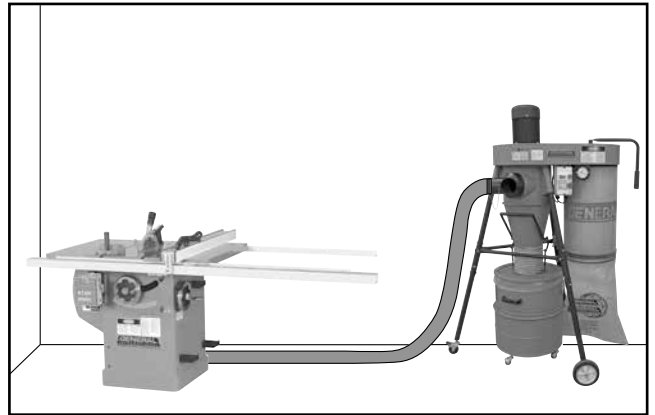
Note: To avoid accidents as well as damage to ducting or hoses, plan your installation with hoses and ducting running along walls or mounted from above wherever possible. See the accompanying examples of non-recommended and recommended installations.



HOSES AND DUCTING RUNNING ALONG THE SHOP FLOOR BETWEEN MACHINERY CAN CAUSE USERS TO TRIP AND LEAD TO SERIOUS INJURY.



Whenever possible avoid running hoses and ducting along the floor.



Keep hoses and ducting safely mounted along the walls.

ASSEMBLY INSTRUCTIONS

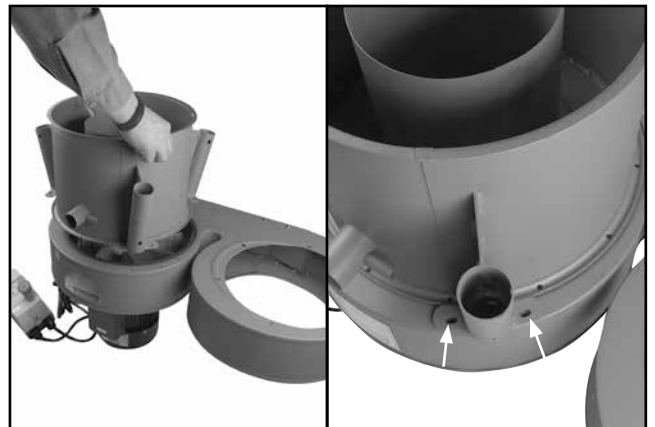


BEFORE ASSEMBLING, MAKE SURE THAT THE SWITCH IS IN THE "OFF" POSITION AND THAT THE POWER CORD IS UNPLUGGED. DO NOT PLUG IN OR TURN ON THE MACHINE UNTIL YOU HAVE COMPLETED THE ASSEMBLY AND INSTALLATION STEPS DESCRIBED IN THIS SECTION OF THE MANUAL.

INSTALLING THE UPPER CYCLONE SEPARATOR ON THE IMPELLER/SEPARATOR



1. With the help of an assistant, set the impeller/separator upside down on a flat and stable surface.



2. Place the upper cyclone on the impeller and align its mounting holes with the corresponding holes in the impeller separator.

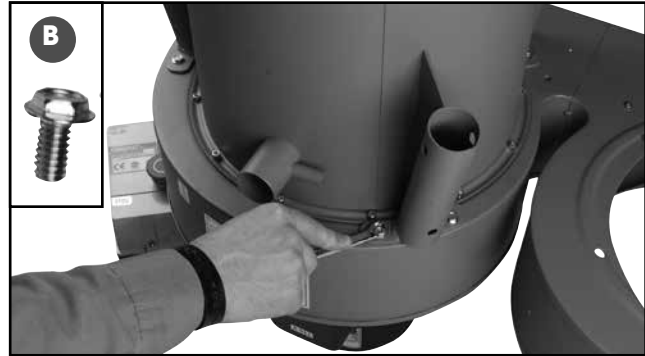


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INSTALLING THE UPPER CYCLONE SEPARATOR ON THE IMPELLER/SEPARATOR (CONTINUED)



3. Attach the cyclone to the impeller using 12 cap screws **A** and a 4 mm Allen key.

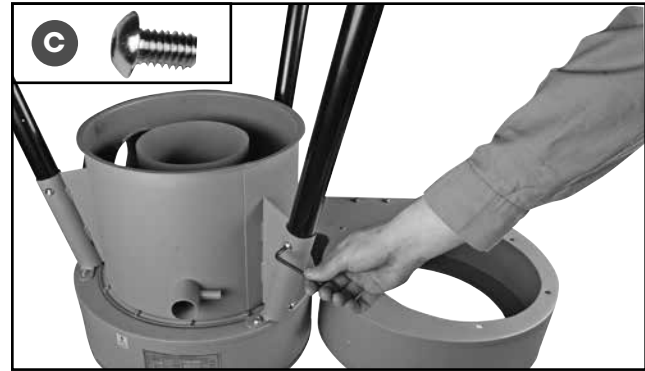


4. Complete the assembly using 6 flange bolts **B** and a 12 mm wrench.

INSTALLING THE LEGS



1. Insert an upper leg into the 3 upper cyclone mounting brackets.



2. Align the leg mounting holes with the corresponding holes in the bracket, then secure each leg with 3 cap screws per leg **C** using a 5 mm Allen key.



3. Slide a connector onto each leg, align its mounting holes with the corresponding holes in the leg, then secure the connector with 3 cap screws **D** per connector using a 5 mm Allen key.

Note: Do not use the hole **E**, this hole is used for the cross braces later.



4. Insert the short lower leg into **F** and the two other legs into the other connectors. Twist the legs to align their mounting holes with the corresponding holes in the leg connectors, making sure the legs are leveled, then secure each leg with 4 cap screws per leg using a 5 mm Allen key.

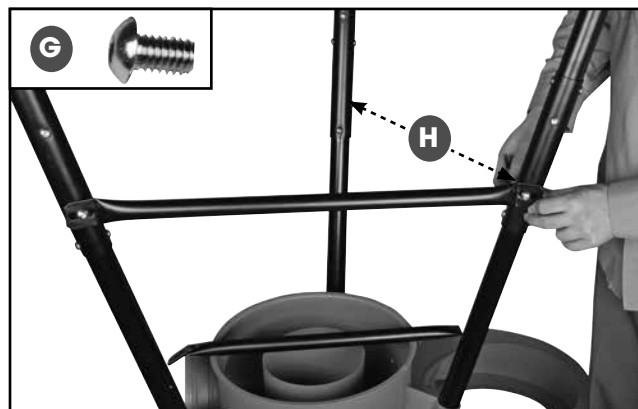


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INSTALLING THE LEGS (CONTINUED)



5. Align the cross brace mounting holes with the corresponding holes in the legs connectors.



6. Attach a cross brace by hand tightening a screw **G** at each end. Repeat with the other cross braces, then tighten all the screws with a 5 mm Allen key.

Note: The short cross brace can only be installed between the closest two legs **H**.

INSTALLING THE WHEELS AND LOCKABLE SWIVEL CASTERS



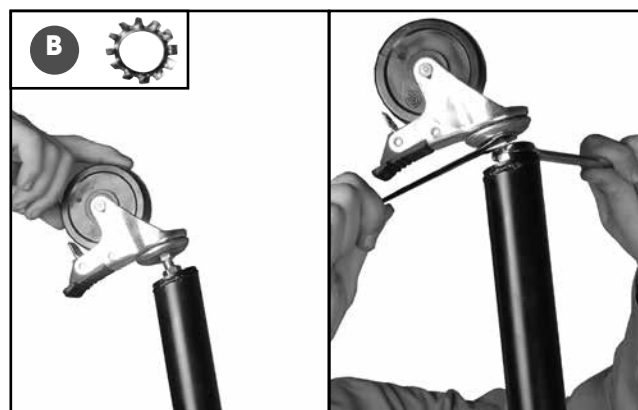
1. Screw the wheel axles into their supports in the end of the long lower legs.



2. Attach the wheels by tightening the nylock nut **A** using a 19 mm wrench and an adjustable wrench.



3. Secure the wheels in the proper position by tightening the jam nuts using two 14 mm wrenches.



4. Screw the lockable swivel caster with a sprocket washer **B** into the short leg, then secure it in position by tightening the two jam nuts using two 14 mm wrenches.

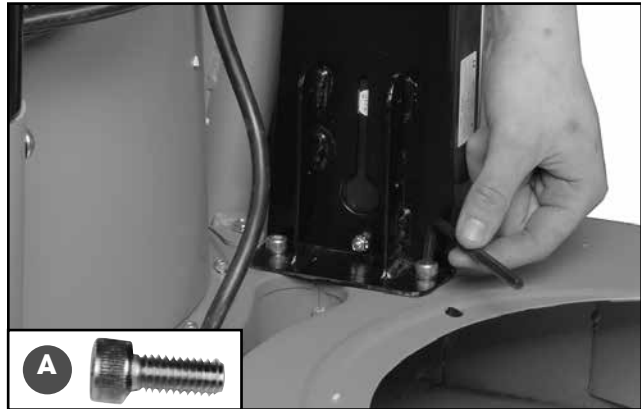


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INSTALLING THE SWITCH BOX

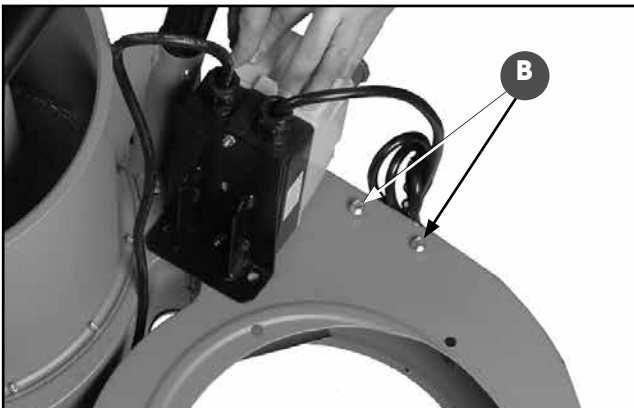


1. Align the switch bracket mounting holes with the corresponding holes in the impeller.

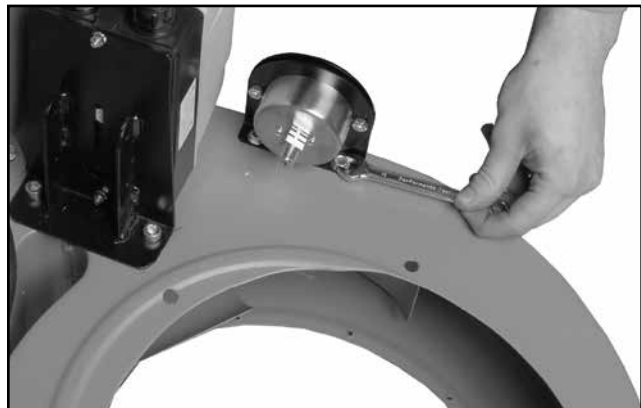


2. Attach the switch box to the impeller with two cap screws **A** using a 6 mm Allen key.

INSTALLING THE PRESSURE GAUGE



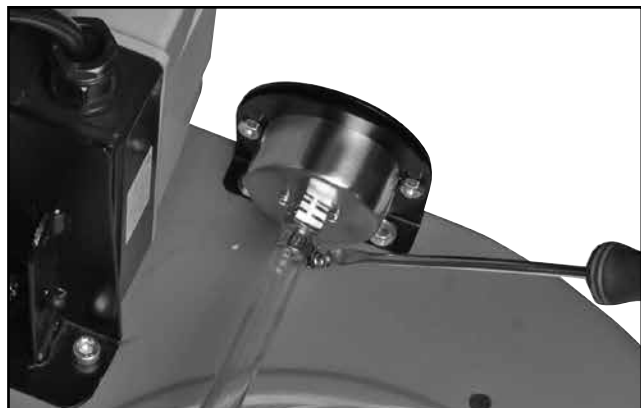
1. Using a 10 mm wrench remove the 2 flange bolts **B**.



2. Attach the pressure gauge to the impeller with the flange bolts you just removed.



3. Slide a small hose clamp onto the end of the hose.



4. Slide the hose onto the gauge inlet, then tighten the hose clamp using a flat screwdriver.

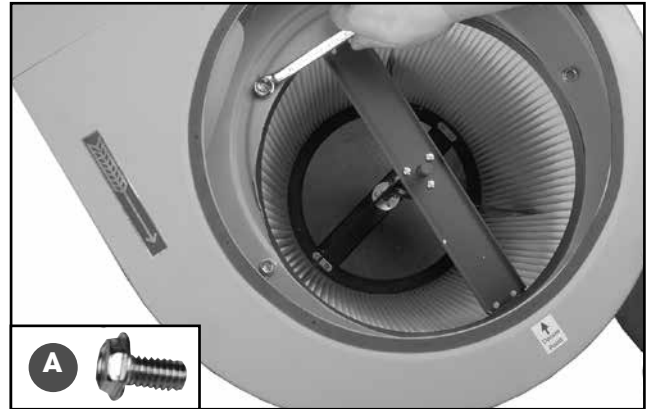


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INSTALLING THE CANISTER FILTER



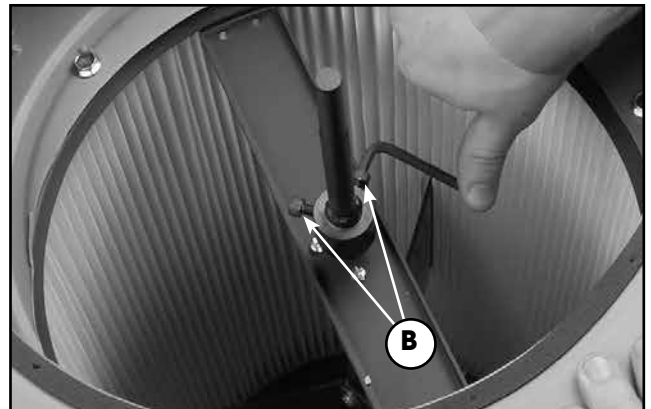
1. With the help of an assistant, turn the machine upright on a flat surface, then fit the canister against the impeller.



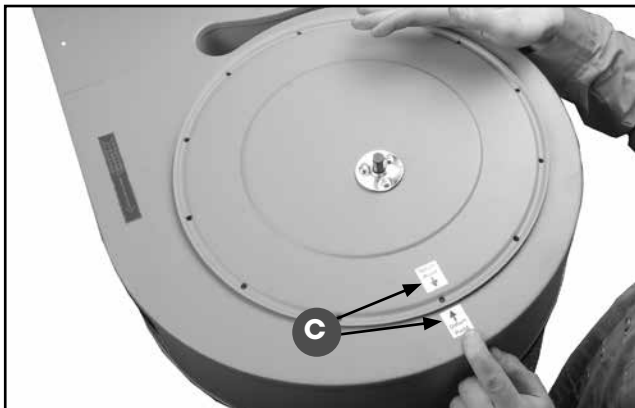
2. Align the canister mounting holes with the corresponding holes in the impeller, then attach the canister with 6 flange bolts **A** using a 12 mm wrench.



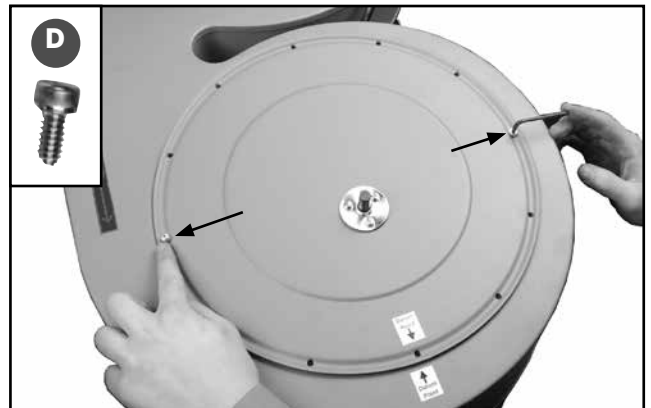
3. Slide the mounting arm onto the canister shaft.



4. Secure the arm by tightening screws **B** using a 5 mm Allen key.



5. Place the canister lid on the impeller with the mounting arm through the center hole. Align the reference marks **C**.



6. Align the lid mounting holes with the corresponding holes in the impeller, then secure the lid by starting with screws **D** on opposite sides.

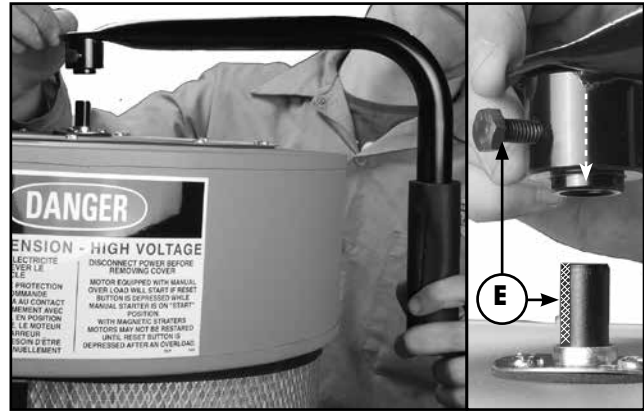


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INSTALLING THE CANISTER FILTER (CONTINUED)



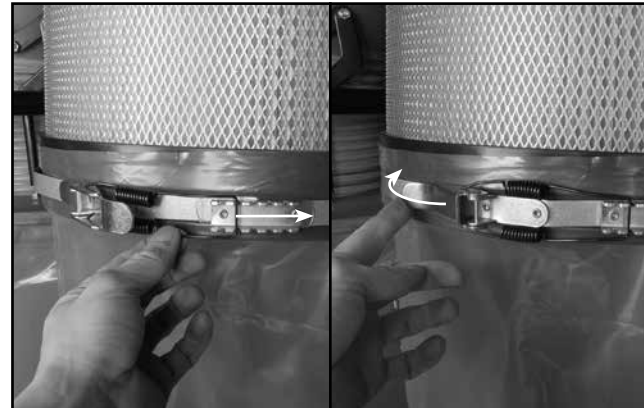
- 7.** Once all the screws are installed, tighten them all the way for an airtight seal.



- 8.** Fit the handle onto the mounting arm, making sure the bolt is aligned with the flat side of the arm. Then secure it in place with the bolt **E** using a 10 mm wrench.



- 9.** Fit the plastic collector bag over the bottom of the canister filter.



- 10.** Use the belt clamp to hold the bag in place, making sure the metal strap is sitting in the groove on the lower portion of the canister.

ASSEMBLING/INSTALLING THE COLLECTION DRUM



- 1.** Set the lower drum upside down on a flat surface.



- 2.** Screw the 4 swivel casters to their mounting holes.



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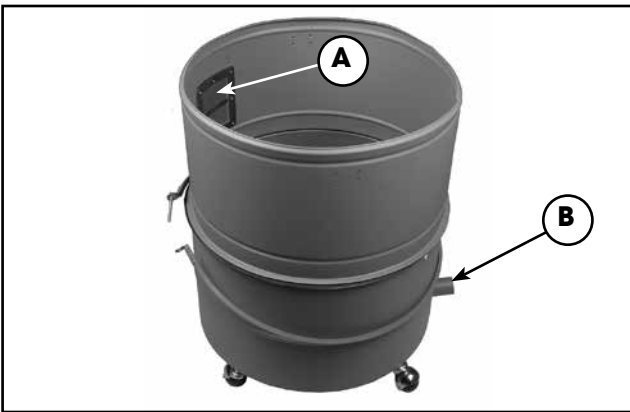
ASSEMBLING/INSTALLING THE COLLECTION DRUM (CONTINUED)



3. Lock each swivel caster by tightening the jam nuts with two 12 mm wrenches.



4. Remove the metal belt using a 10 mm wrench.



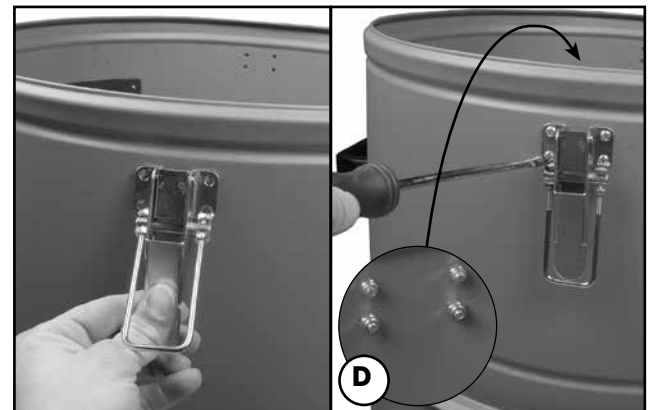
5. Set the upper drum on the lower drum, positioning the window **A** opposite the tube **B**.



6. Slide the metal belt down over the top drum and tighten it over the joint between the 2 drums to hold them together.



7. Install the drum handle with phillips screws and cap nuts **C** using a screwdriver and pliers.



8. Align the latch mounting holes with the holes in the drum. Attach the 2 latches to the drum using phillips screws with and nylock nuts inside the drum **D**.

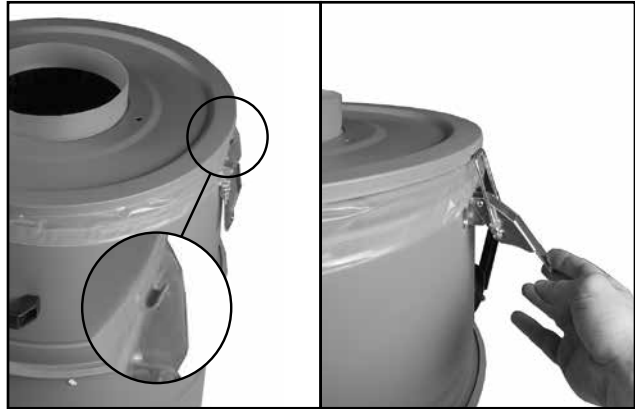


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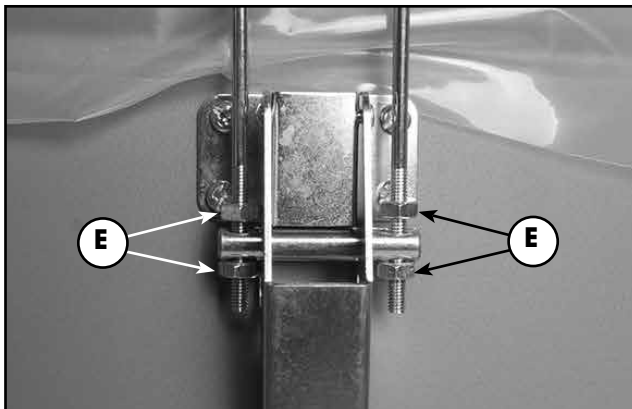
ASSEMBLING/INSTALLING THE COLLECTION DRUM (CONTINUED)



9. Install the liner bag (the bigger of the 2) inside the drum.



10. Place the lid on the drum making sure the hooks are aligned with the latches. Secure the drum lid by clamping the latches.



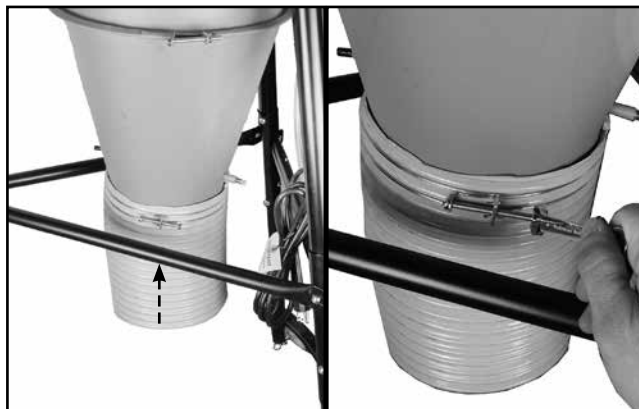
Note: If needed, adjust the nuts and jam nuts **E** so that the latches firmly close the lid.



11. Remove the lower cyclone separator metal belt using a 10 mm wrench.



12. With the help of an assistant, hold the lower cyclone against the upper cyclone and tighten it over the joint between the 2 sections to hold them together using a 10 mm wrench.



13 Fit a hose clamp onto the junction hose, then slide the hose onto the cyclone. Tighten the hose clamp using a 10 mm wrench.



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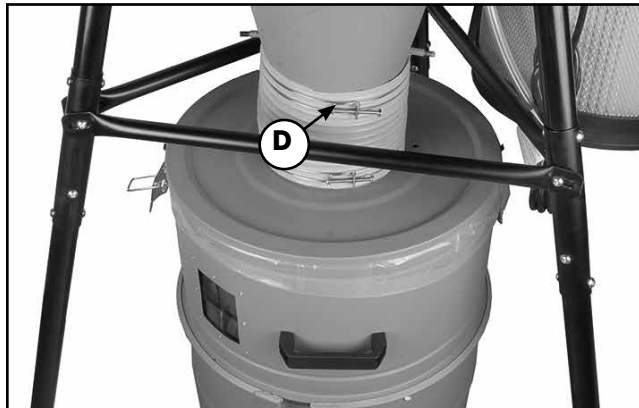
ASSEMBLING/INSTALLING THE COLLECTION DRUM (CONTINUED)



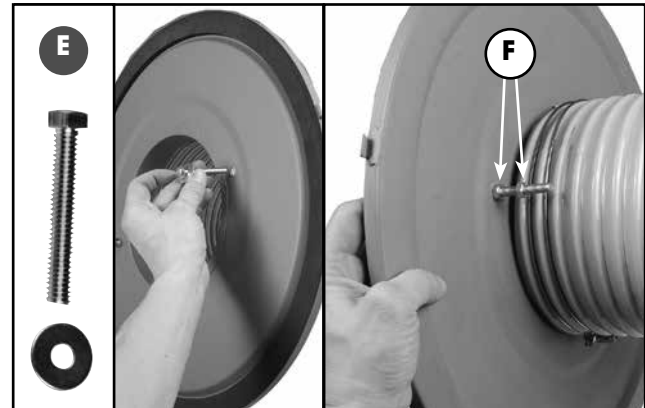
14. Place the drum against the junction hose to evaluate if the hose needs to be cut. Make a reference mark and cut as needed.



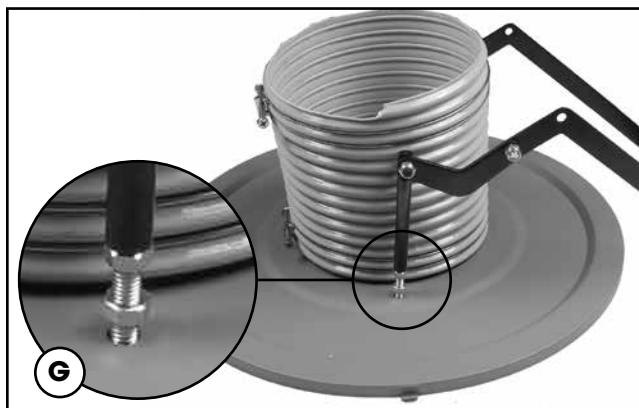
15. Fit the other hose clamp onto the opposite end of junction hose. Slide the fitting on the drum lid into the junction hose, and tighten the hose clamp.



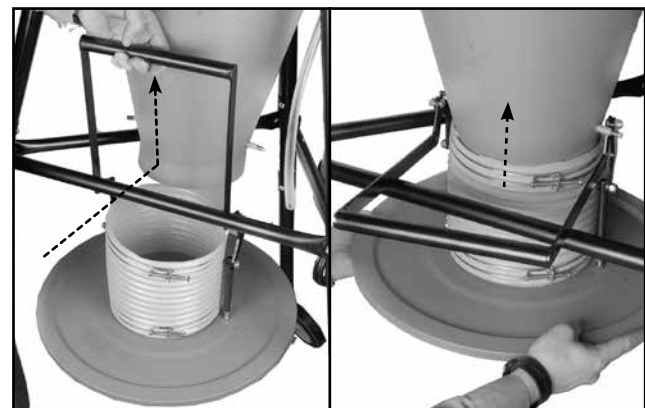
16. Verify that the junction hose has been cut to the correct length by placing the drum under the lid. Then remove the drum and detach the hose with the lid from the cyclone by loosening the hose clamp **D**.



17. Insert a bolt with a washer **E** into the 2 holes in the lid. From the top of the lid install 2 nuts onto each bolt **F**.



18. Hand tighten the bolts in the threaded ends of the quick-remove handle draw bars **G**.

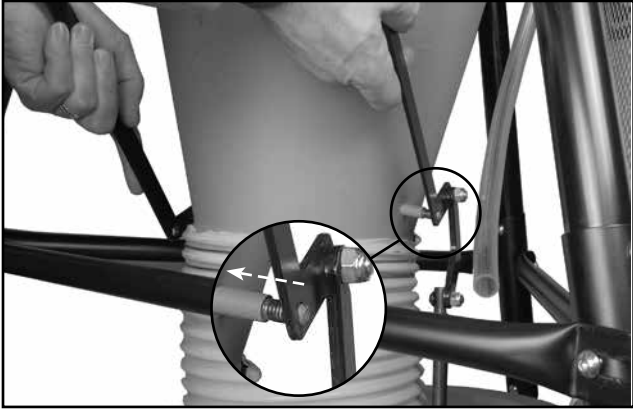


19. Pass the handle under and behind the front cross brace. Slide the hose back onto the cyclone, then tighten the hose clamp.



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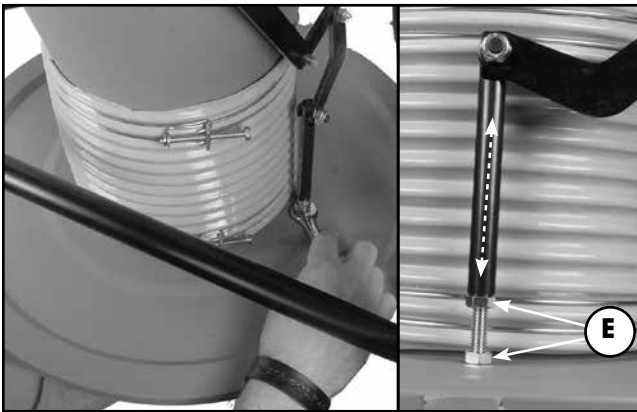
ASSEMBLING/INSTALLING THE DRUM COLLECTION (CONTINUED)



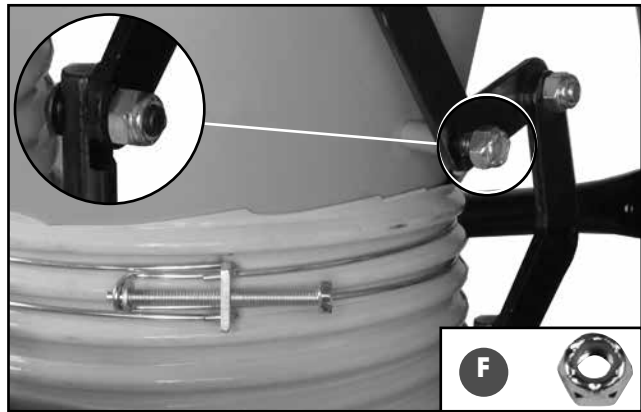
21. Spread the handle arms apart and slide them onto the threaded rods as shown.



22. Lower the handle to lift the lid and confirm that there is enough space between the lid and the drum to remove the drum easily.



23. Adjust the height of the arms as needed, then tighten the nuts **E** as shown: one against the lid and the other against the draw bar.



24. Once the handle is properly adjusted, lock it in place by screwing a nylock nut **F** on each threaded rod.

Note: Do not overtighten the nuts

CONNECTING THE PRESSURE GAUGE TO THE DRUM



1. Slide a small hose clamp onto the pressure gauge, and slide the hose onto the fitting at the rear of the impeller.



2. Using a Phillips screwdriver tighten the hose clamp.

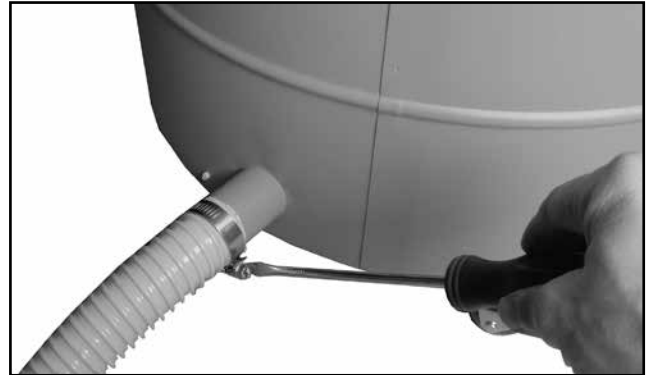


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CONNECTING THE PRESSURE GAUGE TO THE DRUM (CONTINUED)

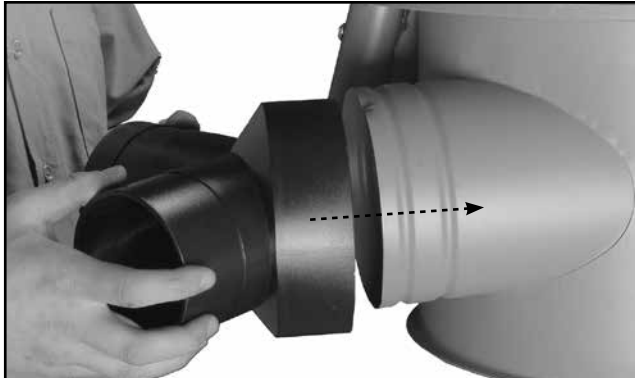


3. Fit a hose clamp onto the dust hose, and slide the hose onto the fitting. Tighten the hose clamp using a Phillips screwdriver.

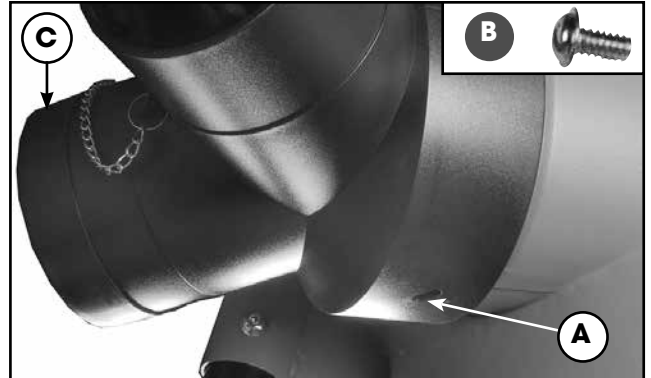


4. Repeat with the other end of the hose at the bottom of the drum.

INSTALLING THE INLET FITTING



1. Slide the hose fitting onto the inlet.



2. Align the holes **A** and attach the fitting using the screw **B**.

*Note: For maximum efficiency, a supplied cap should be installed on any unused openings **C**.*

BASIC ADJUSTMENTS & CONTROLS



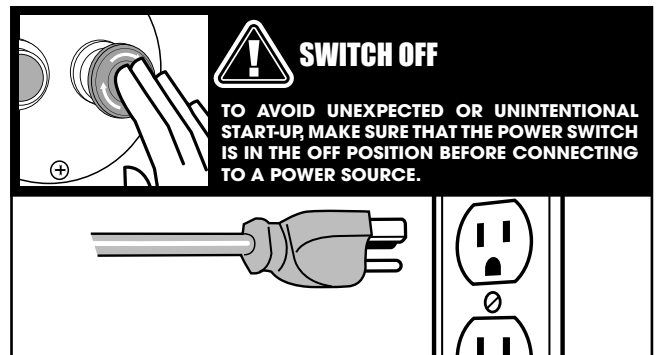
TO REDUCE THE RISK OF SHOCK OR FIRE DO NOT OPERATE THE UNIT WITH A DAMAGED POWER CORD OR PLUG. REPLACE DAMAGED CORD OR PLUG IMMEDIATELY. TO AVOID UNEXPECTED OR UNINTENTIONAL START-UP, MAKE SURE THE POWER SWITCH IS IN THE OFF POSITION BEFORE CONNECTING TO A POWER SOURCE.

CONNECTING TO A POWER SOURCE

Once the assembly steps have been completed, plug the power cord into an appropriate outlet.

Refer back to the section entitled "Electrical Requirements" and make sure all requirements and grounding instructions are followed.

When operations have been completed unplug the machine from the power source.





MAKE SURE THE MACHINE HAS BEEN TURNED OFF AND UNPLUGGED FROM THE POWER SOURCE BEFORE PERFORMING ANY MAINTENANCE OR ADJUSTMENTS.

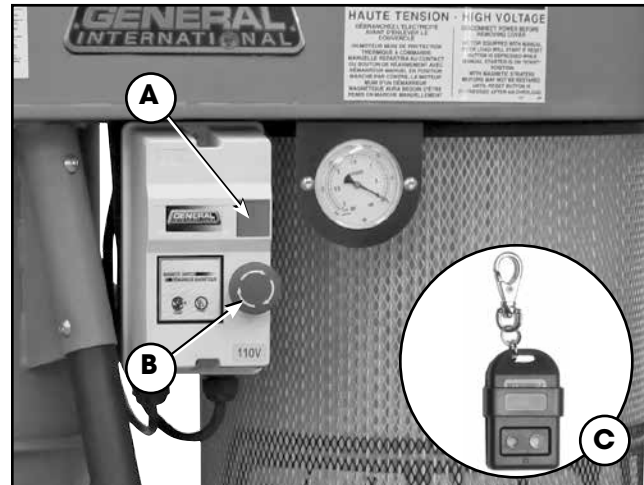
MAGNETIC SWITCH

This machine is equipped with a magnetic safety switch designed to protect the unit and the user from power surges, power outages or unintentional start-up.

The switch assembly is equipped with a green “start” button **A**, and a red “stop” button **B**.

Once the stop button has been pressed, the machine can only be started by turning the button to the right to release it.

The remote control **C** offers the exact same On/Off function as the magnetic switch, from virtually anywhere in the shop within the line of sight of the machine.



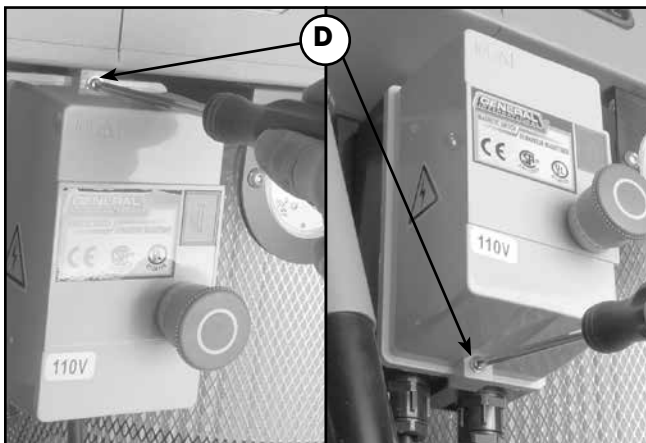
OVERLOAD PROTECTION

The magnetic safety switch on this machine is equipped with an overload protection feature. To prevent an electrical overload from damaging the motor, in the event of a spike in line voltage or amperage draw, the internal overload protector will automatically be tripped, thereby cutting off power to the motor.

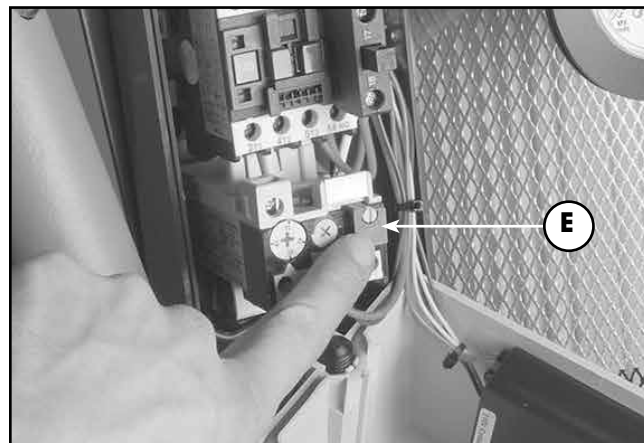
Common causes of such overloads:

- Overworking the motor, thereby causing an increase in power consumption and a spike in amperage draw.
- An electrical extension cord that is too long or not the correct gauge of wire, which can also cause an increase in amperage draw. If an electric extension cord must be used, follow the instructions and refer to the chart in the electrical requirements section at the beginning of this manual.
- Overworked circuit caused by operating on a circuit that is close to its amperage draw capacity. Make sure the circuit being used is capable of handling the amperage draw from this machine as well as any other electrical devices operating on the same circuit. If you are unsure, consult a qualified electrician.

To reset the overload protection switch after it has been tripped proceed as follows:



1. Loosen the two screws **D** with a Phillips screwdriver until you can remove the switch cover.



2. Press on the button **E** to reset the overload protection. Re-install the cover and then retighten the two screws **D** before starting the machine.

OPERATING INSTRUCTIONS

CHECKLIST BEFORE STARTING



ALWAYS TURN ON THE DUST COLLECTOR BEFORE STARTING YOUR DUST PRODUCING MACHINE AND ALWAYS STOP THE DUST PRODUCING MACHINE BEFORE TURNING OFF THE DUST COLLECTOR.

- To minimize airborne dust make sure that all hoses, fittings and clamps are secure and airtight.
- Never operate the machine without a canister filter and plastic collector bag properly installed.
- For maximum system efficiency, make sure a cover is installed on any unused hose inlet openings.

Note: The sound level of this machine is rated at approximately 84 dB during operation. Make sure that adequate hearing protection is used and that the overall sound level within the work environment is taken into consideration.

MAINTENANCE

PERIODIC MAINTENANCE

- All bearings are sealed and permanently lubricated. No further lubrication is needed.
- Periodically inspect all hardware, fittings and fasteners that may have loosened due to vibration - retighten as needed.
- Keep the outside of the unit clean and wipe off excessive dust or dirt with a dry rag.
- Clean the canister filter on a regular basis and replace as needed, if damaged or perforated.
- Periodically inspect inside all pipes, fittings, hoses, blast gates, and connectors for accumulated dust build-up or other obstructions and clean as needed. Remove sections and vacuum or manually remove debris as needed.
- Check and if necessary replace all damaged parts or components.
- Do not operate with a damaged canister filter - replace damaged canister filter immediately.
- Periodically inspect the power cord and plug for damage. If necessary, replace the power cord and plug at the first signs of visible damage.
- Use only recommended parts and accessories. The use of parts or accessories NOT recommended by **GENERAL® INTERNATIONAL** may result in a risk of injury or damage to the machine.

CLEANING OR REPLACING THE CANISTER FILTER



TURN THE SWITCH TO THE "OFF" POSITION AND UNPLUG THE UNIT FROM THE POWER SOURCE BEFORE CLEANING OR REPLACING CANISTER FILTER OR BEFORE PERFORMING ANY MAINTENANCE.

After a period of time depending on the frequency of use, the canister filter may become clogged and affect airflow as well the overall efficiency of the unit. Should you notice a drop in the efficiency or performance or if the pressure gauge indicates, it may be a sign that it is time to clean the filter.

Note: When the pressure gauge shows a higher than normal pressure, this indicates that the filter is becoming clogged and requires cleaning.



For basic cleaning, turn off and unplug the machine, then simply rotate the handle on the canister **A** several rotations. The internal flaps will rub against the corrugated inner filter and shake free any built-up dust from inside the filter.



For a more thorough cleaning, after rotating the handle, detach the canister and place it on the ground. Vacuum the inside of the canister to remove any remaining dust from inside. Re-attach the canister and re-install its collector bag.



MAKE SURE THE MACHINE HAS BEEN TURNED OFF AND UNPLUGGED FROM THE POWER SOURCE BEFORE PERFORMING ANY MAINTENANCE OR ADJUSTMENTS.

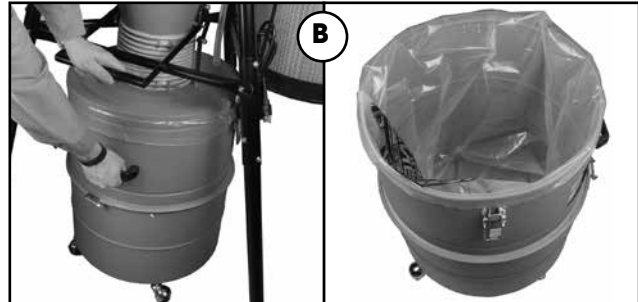
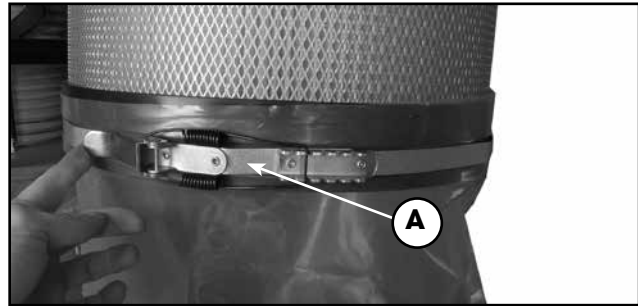
EMPTYING THE COLLECTOR BAG & DRUM

Note: Depending on your needs, shop situation and local regulations collections bags can be emptied and re-used or disposed of (with their contents) and replaced with a new bag.

1. Turn off and unplug the machine.
2. Unclip the bag clamp **A** and remove the collector bag. Open the drum latches, lower the quick-remove handle and roll the drum out from beneath the machine **B**.

Note: The reference line on the drum window indicates when the maximum chip level has been reached.

3. Empty the bags in an appropriate container or dispose of the bags making sure to comply with all local codes and regulations regarding waste disposal.
4. Re-install the emptied bags or install new bags as needed.



RECOMMENDED OPTIONAL ACCESSORIES

Here is a sampling of optional accessories available from your local General International dealer that can be used with this product. For more information about our products, please visit our website at www.general.ca



Item #10-140
DUST HOSES
6" X 50' heavy-duty flexible polyethylene.



Item #10805-14
BAGS CLAMP
Cast-iron bag clamp for model 10-805.

Item #10-827

COLLECTOR BAG

For drum.



Item #10-837

COLLECTOR BAG

For canister.



Item #10-807
CANISTER FILTER
1 micron canister filter.

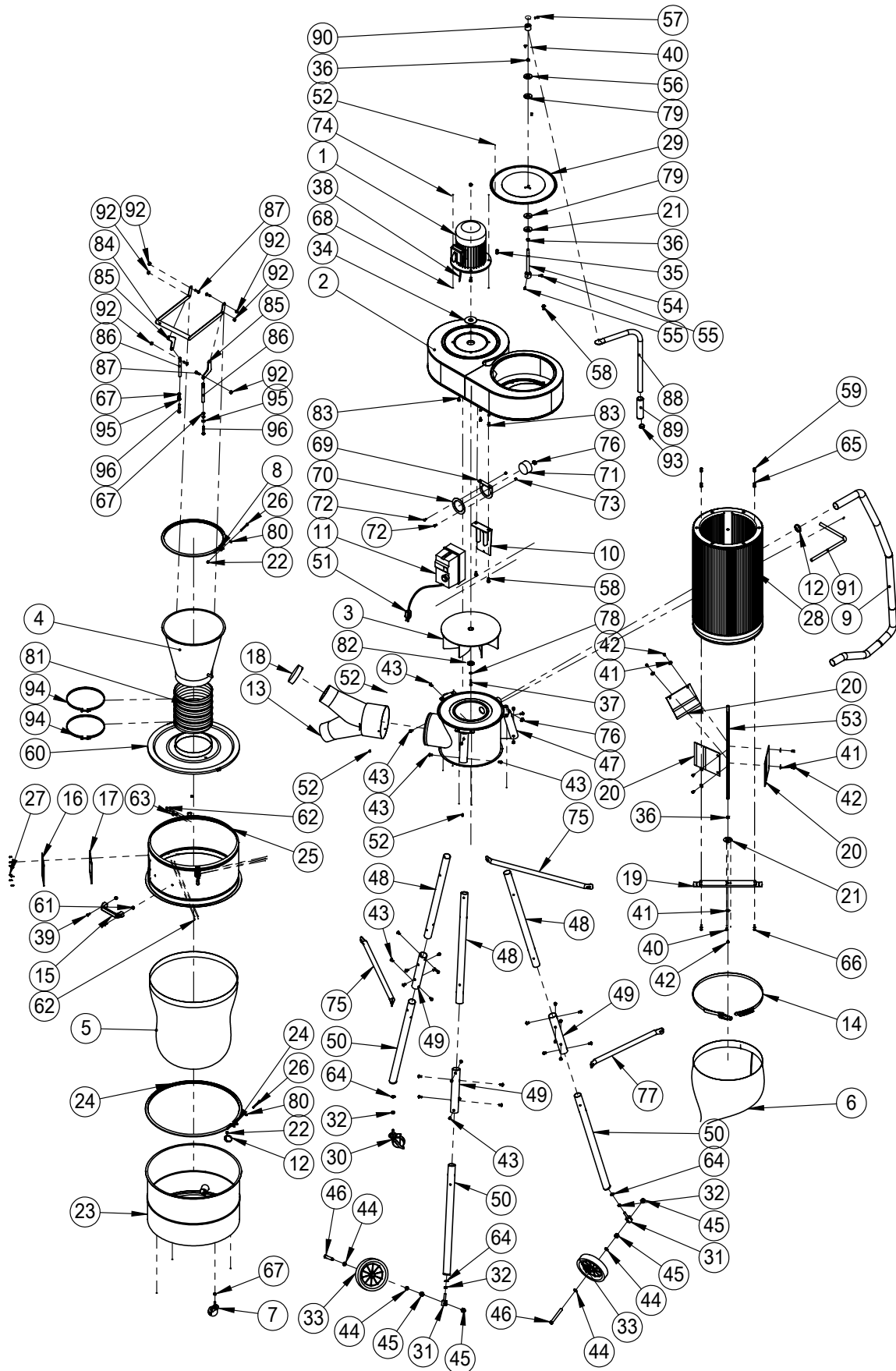


Item #10-089/#10-091
HOSE CLAMP
For 4" or 6" dust collector hose.



Item #10-130/410
DUST HOSES
Heavy-duty flexible polyethylene. 10-130: 4" X 50'; 10-410: 4" X 10'

DIAGRAM 10-805CF



PARTS LIST

10-805CF

IMPORTANT: When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.

PART #	DESCRIPTION	SPECIFICATIONS	QTY
10805-01	MOTOR		1
10805-02	IMPELLER/SEPARATOR COVER		1
10805-03	ALUMINUM IMPELLER	12 3/4"	1
10805-04	LOWER CYCLONE SEPARATOR		1
10805-05	DRUM LINER BAG	(ITEM #10-827)	1
10805-06	COLLECTOR BAG (CANISTER)	(ITEM #10-837)	1
10805-07	SWIVEL CASTER	2" X 5/16"	1
10805-08	HOSE CLAMP	Ø 347	1
10805-09	HOSE	1 1/2" X 1.8M	1
10805-10	SWITCH MOUNTING PLATE		1
10805-11	MAGNETIC SWITCH		1
10805-12	HOSE CLAMP	1 1/2"	2
10805-13	HOSE Y-FITTING	6" X 4 X 2"	1
10805-14	BAG CLAMP	Ø 370	1
10805-15	PLASTIC HANDLE		1
10805-16	SQUARE PAD		1
10805-17	WINDOW		1
10805-18	INLET CAP	4"	1
10805-19	LOWER FIXING PLATE		1
10805-20	FLAP		3
10805-21	CANISTER FIXING PLATE		2
10805-22	FLANGE NUT	1/4"	8
10805-23	LOWER DRUM		1
10805-24	HOSE CLAMP	Ø 525	1
10805-25	UPPER DRUM		1
10805-26	HEX HEAD BOLT	1/4" X 2 1/2"	2
10805-27	RIVET	4-2	8
10805-28	1 MICRON CANISTER FILTER	(ITEM #10-807)	1
10805-29	CANISTER LID		1
10805-30	LOCKABLE SWIVEL CASTER	3" X 3/8"	1
10805-31	WHEEL MOUNTING BOLT		2
10805-32	NUT	3/8"	3
10805-33	WHEEL	7"	2
10805-34	O-RING		3
10805-35	KEY	7 X 7 X 25	1
10805-36	BEARING		3
10805-37	CAP SCREW	M6 X 30 MM	1
10805-38	MOTOR CORD		1
10805-39	PHILLIPS HEAD SCREW	1/4" X 5/8"	2
10805-40	PHILLIPS HEAD SCREW	M5 X 10	6
10805-41	FLAT WASHER	1/4" X 18	6
10805-42	HEX HEAD BOLT	M6	7
10805-43	CAP SCREW	5/16" X 1/2"	33
10805-44	WASHER	1/2" X 19MM	4
10805-45	NYLOCK NUT	1/2"	4
10805-46	HEX HEAD BOLT	1/2" X 4"	2
10805-47	UPPER CYCLONE SEPARATOR		1
10805-48	UPPER LEG		3

PARTS LIST

10-805CF

IMPORTANT: When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.

PART #	DESCRIPTION	SPECIFICATIONS	QTY
10805-49	CONNECTOR		3
10805-50	LOWER LEG (2 LONG LEGS +1 SHORT LEG)		3
10805-51	POWER CORD W/ PLUG		1
10805-52	CAP SCREW	3/16" X 3/8"	25
10805-53	SPINDLE		1
10805-54	FILTER HANDLE MOUNT ARM		1
10805-55	CAP SCREW	M6 X 12MM	2
10805-56	BEARING FIXING PLATE		1
10805-57	HEX HEAD BOLT	M6" X 16	1
10805-58	FLANGE BOLT	5/16" X 3/4"	8
10805-59	NUT	M5	4
10805-60	DRUM LID		1
10805-61	CAP NUT	1/4"	2
10805-62	PHILLIPS HEAD SCREW	M4 X 8MM	8
10805-63	LOCK NUT	M4	11
10805-64	SPROCKET WASHER	3/8"	3
10805-65	FIXING PLATE		2
10805-66	PHILLIPS HEAD SCREW	M5 X 15	4
10805-67	NUT	5/16"	4
10805-68	HEX HEAD BOLT	5/16" X 3/4"	4
10805-69	PRESSURE GAUGE FIXING PLATE		1
10805-70	PRESSURE GAUGE FRAME		1
10805-71	PRESSURE GAUGE		1
10805-72	CAP SCREW	1/4" X 3/4"	2
10805-73	NUT	1/4"	4
10805-74	CAP NUT	5/16"	4
10805-75	LONG CROSS BRACE	520 MM	2
10805-76	HOSE CLAMP	3/4"	2
10805-77	SHORT CROSS BRACE	410 MM	1
10805-78	LOCK WASHER	M6	1
10805-79	RUBBER PACKING		2
10805-80	FLAT WASHER		2
10805-81	CENTRAL CONNECTION HOSE	8"	1
10805-82	IMPELLER WASHER		1
10805-83	FLANGE BOLT	1/4" X 1/2"	1
10805-84	QUICK-REMOVE DRUM LID HANDLE		1
10805-85	CONNECTING ARM		2
10805-86	DRAW BAR		2
10805-87	CAP SCREW	5/16" X 1/2"	4
10805-88	CANISTER HANDLE		1
10805-89	FOAM HANDLE		1
10805-90	BUSHING		1
10805-91	CLEAR HOSE	1/2"	1
10805-92	NYLOCK NUT	5/16"	6
10805-93	END CAP	1"	1
10805-94	HOSE CLAMP	8"	2
10805-95	FLAT WASHER	5/16"	2
10805-96	HEX HEAD BOLT	5/16" X 2"	2



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