SETUP & OPERATION MANUAL

FEATURES

Safety switch with key. Unit cannot be started when key is removed from the switch.

Precision spin-balanced impeller for smooth operation and minimal noise.

Reusable clear plastic collector bag for improved dust collection efficiency.

Collector body mounted on 3 heavyduty supports.

Quick-release bag clamps with metal straps.

Equipped with high efficiency 1 micron canister filter.

Large 7" rubber wheels for exceptional stability and smooth mobility.

SPECIFICATIONS

INLET DIAMETER 4" (102 mm)

AIRFLOW CAPACITY 506 CFM

SOUND RATING 80 to 85 dB

STATIC PRESSURE 6 3/4" OF WATER

BLOWER WHEEL DIAMETER 10" (254 mm)

CANISTER FILTER SIZE 14 1/2" x 15 3/4" (370 x 400 mm)

<u>FILTER AREA</u> 27 sq.ft.

OVERALL DIMENSIONS (L X W X H) 31 1/8" x 17 3/4" x 18 1/8" (790 x 450 x 460 mm)

<u>MOTOR</u> 1 HP, 110 V, 7 A

<u>WEIGHT</u> 55 LBS (25 Kg)

DUST COLLECTOR - 1 HP





GENERAL® INTERNATIONAL GENERAL INTERNATIONAL POWER PRODUCTS LLC 6243 Industrial Parkway | Whitehouse, Ohio 43571 (USA)

THANK YOU for choosing this General® International 10-030CF M1 - 1 HP Dust Collector. This dust collector 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 dust collector exactly. If you have any doubts or questions contact your retailer or our support line with the model number of your unit for clarification.

Commercial General[™] (Green Line) & Excalibur[™] (Black Line) branded products:

3 -YEAR LIMITED WARRANTY All products are warranted for a period of 3 years (36 months) from the date of purchase. General[™] agrees to repair or replace any part or component which upon examination, proves to be defective in either workmanship or material or parts and labor to the original purchaser during this 3-year warranty period, subject to the "conditions and exceptions" as listed below. Repairs made without the written consent of General will void the warranty

EXTEND YOUR WARRANTY:

Register your new General[™] or Excalibur[™] within 60 days of your purchase and get an extended 2 years, for a total of 5 years, of warranty coverage.

Go to www.general.ca/warranty/registration

DISCLAIMER:

Because we are committed to making constant improvements, General[™] 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.

TO FILE A CLAIM:

To file a claim under our Standard 3 -year Limited Warranty, all defective parts, components or machinery must be returned freight or postage prepaid to General[™], or to a nearby distributor, repair center or other location designated by General[™]. For further details call our service department at 1-844-877-5234 or info@gipowerproducts.com 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[™] 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[™] 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[™] will void all warranty. This five-year warranty does not cover products used for commercial, industrial or educational purposes. The warranty term for these claims will be limited to a two-year period.

TABLE OF CONTENTS

| Rules for safe operation |
|---|
| Electrical requirements .6 Grounding instructions .6 Circuit capacity .6 Extension cords .6 |
| Identification of main parts and components |
| Unpacking |
| Operating instructions11Before starting11Basic instructions11On/off switch11Operation steps of das dust collector11Operation steps in manual mode11 |
| Maintenance & servicing. 12 Cleaning or replacing the collector bag 12 Cleaning or replacing the canister filter 12 |
| Recommended optional accessories |
| Parts list14Diagrams15 |
| Contact information |

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 improper use of its equipment.

- 1. Do not operate the dust collector when tired, distract ed, or under the effects of drugs, alcohol or any medication that impairs reflexes or alertness.
- 2. The working area should be well lit, clean and free of debris.
- 3. Keep children and visitors at a safe distance when the dust collector is in operation; do not permit them to operate the dust collector.
- 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 wear face, eye, ear, respiratory and body protection devices.
- 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.
- 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, on 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® INTERNATIO-NAL 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. Never stand or lean on machinery. Serious injury could result if the tool is tipped over or if the cutting tool is unintentionally contacted.
- 24. Do not use this dust collector for any purpose other than its intended use. If used for other purposes, GENE-RAL® INTERNATIONAL disclaims any real or implied warranty and holds itself harmless for any injury, which may result from that use.

IMPORTANT NOTICE

Sound Level

The sound level of this machine is rated at approximately 80 dB during operation. Make sure that adequate hearing protection is used and that the overall sound level within the working environment is taken into consideration.



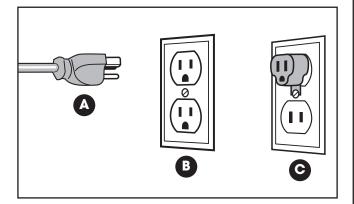
ELECTRICAL REQUIREMENTS



BEFORE CONNECTING THE MACHINE TO THE POWER SOURCE, VERIFY THAT THE VOLTAGE OF YOUR POWER SUPPLY CORRE-SPONDS 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 QUAL-IFIED 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 110V 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.

<u>CIRCUIT CAPACITY</u>

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 3prong 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 | | | | | | | | |
|--------------------------------|------------------------------|---------|---------|-----------------|-----------------|--|--|--|
| | TOTAL LENGTH OF CORD IN FEET | | | | | | | |
| AMPERE | 110 VOLTS | 25 FEET | 50 FEET | 100 FEET | 150 FEET | | | |
| RATING | | | | | | | | |
| | AWG | | | | | | | |
| < 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 | | | |
| - | 1 B | | • | • | • | | | |

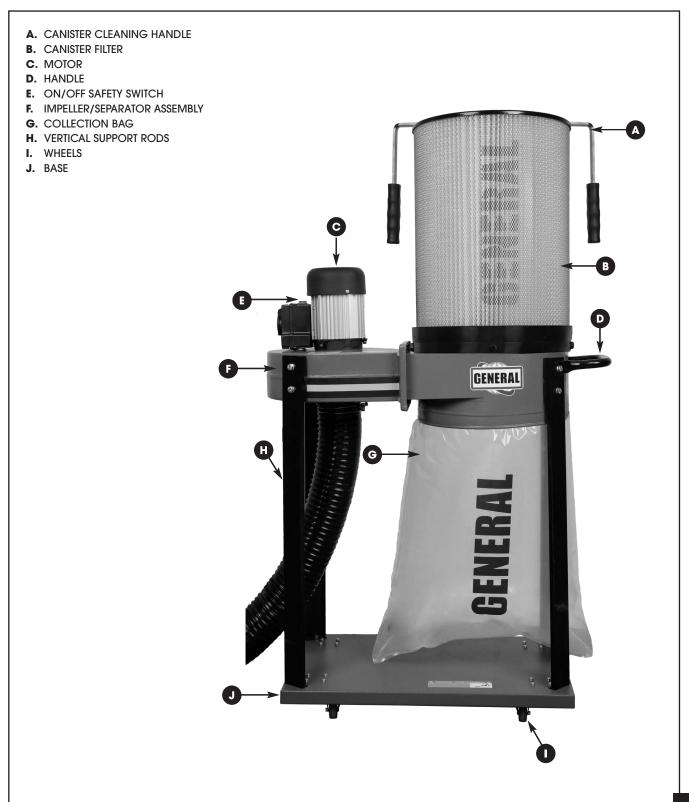
* NR = Not Recommended



1 HP DUST COLLECTOR MODEL #10-030CFM1

#10-030CF DAS M1

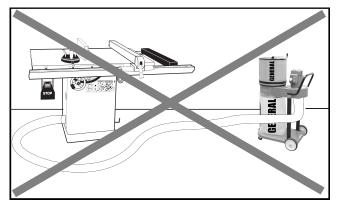
IDENTIFICATION OF MAIN PARTS AND COMPONENTS



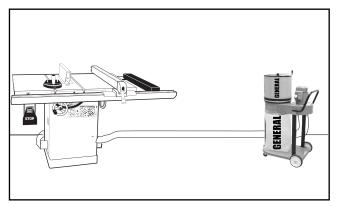
LAYING OUT A PLAN FOR THE PIPING

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.



Wherever possible avoid running hoses and ducting along the floor.



Keep hoses and ducting safely mounted along the walls.

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

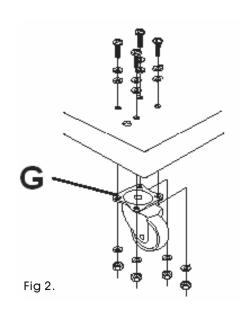
ASSEMBLY INSTRUCTIONS

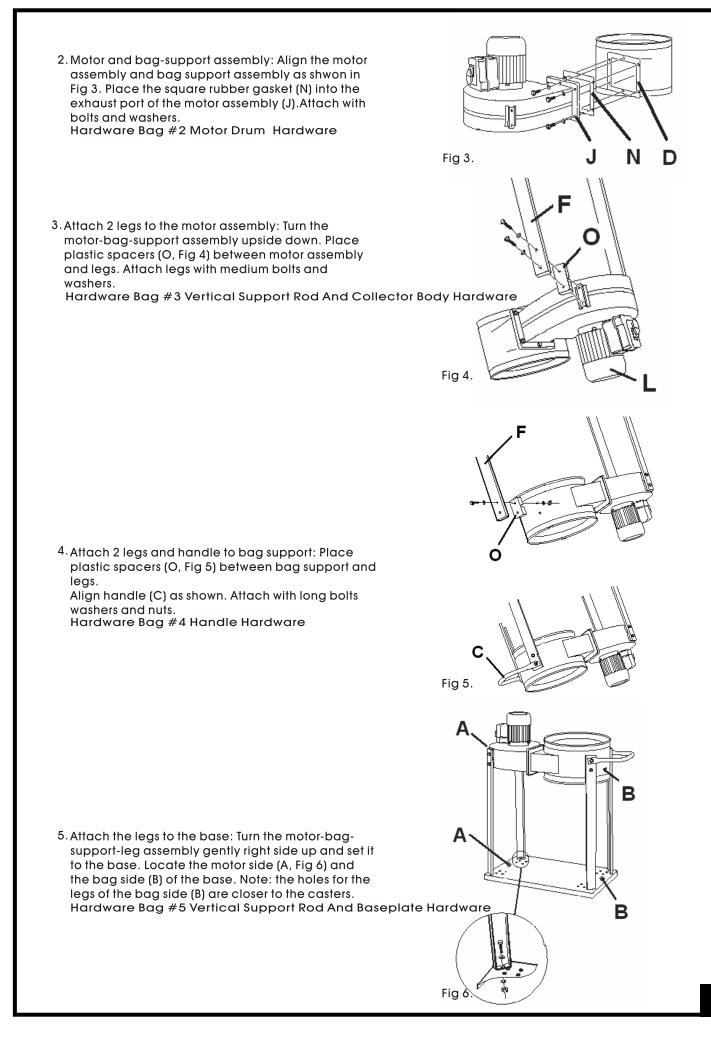
• SERIOUS PERSONAL INJURY COULD OCCUR IF YOU CONNECT THE MACHINE TO THE POWER SOURCE BEFORE YOU HAVE COMPLETED THE SETUP PROCESS. DO NOT HOOK-UP THE MACHINE TO A POWER SOURCE UNTIL INSTRUCTED TO DO SO.

- BE SURE TO READ AND UNDERSTAND THIS ENTIRE MANUAL.
- USE CAUTION AND WEAR GLOVES WHEN HANDLING METAL PARTS SUCH AS THE BELT CLAMPS, WHICH CAN CUT IF HANDLED CARELESSLY.
- THE SOUND LEVEL OF THIS MACHINE IS RATED AT APPROXIMATELY 80-85 DB DURING OPERATION. MAKE SURE THAT ADEQUATE HEARING PROTECTION IS USED AND THAT THE OVERALL SOUND LEVEL WITHIN THE WORKING ENVIRON-MENT IS TAKEN INTO CONSIDERATION.

1 Assembly If you notice transport damage while unpacking, notify your supplier immediately. Do not operate the unit! Dispose of the packing in an environmentally friendly manner. Install the casters to the base: Install four casters to the under side of the base with bolts, lock washers washers and nuts (Fig 2)

Hardware Bag #1 Caster Hardware





6. Attach with short bolts washers and nuts. Attach filter bag hanger: Attach filter bag hanger(M)with short bolts washers and nuts. Hardware Bag #6 Bag Hanger Hardware

- Fit Mount the handle onto the canister filter with two M10 hex nuts, two M10 flat washers ,and a M10 lock washer.
 - Mount the canister filter on top of the collector housing and tighten the knobs on the canister filter, Fig 8.

Hardware Bag #7 Canister Filter Hardware

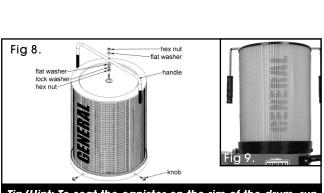


Fig 7.

Tip/Hint: To seat the canister on the rim of the drum, run a flat piece of wood (such as a ruler) between the drum and the black apron on the bottom of the canister, Fig 9.

- 8. Collector Bag:
 - Place the snap ring over the top of the plastic bag and fold the bag over the ring approximately three inches, Fig 10.
 - Insert the snap ring (A, Fig 11) of the collector bag into the bottom of the housing at an angle.
 - Pull down on the snap ring to make sure it seats in the housing.

Note: Make sure the snap ring "snaps" into place in the housing, and also that the plastic bag hangs down approximately 3 inches so that there are no air leaks.



OPERATING INSTRUCTIONS

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.

BEFORE STARTING

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

THE SOUND LEVEL OF THIS MACHINE IS RATED AT APPROXIMATELY 80-85 DB DURING OPERATION. MAKE SURE THAT ADEQUATE HEARING PROTECTION IS USED AND THAT THE OVERALL SOUND LEVEL WITHIN THE WORKING ENVIRONMENT IS TAKEN INTO CONSIDERATION.

BASIC INSTRUCTIONS

The Dust Collector has been designed to capture, remove, and collect non-metallic dust and wood dust around the workshop and from woodworking machinery.

#10-030 M1 #10-030CF M1

ON/OFF SWITCH

The model 10-030CF M1 is equipped with a simple "rocker style" On/Off switch featuring a removable lock out safety key.

To prevent unauthorized use or unintentional start-up, remove the safety key and store it in a safe place whenever the dust collector is not in use.

To start the dust collector, insert the safety key and pull up the switch. To stop the machine, push down on the power switch.

#10-030 DAS M1 #10-030CF DAS M1

Operation steps of DAS Dust Collector :

1.Plug the Dust Collector into your power source, wall outlet.

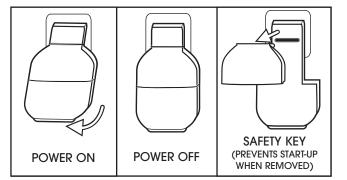
- 2.Plug intended machine to be used into the plug on the DAS Dust collector
- 3. Press switch on left side to put in DAS mode.
- 4. Turn on intended machine of use that you have plugged into the DAS Dust Collector and as soon as you turn on this machine, the Dust Collector will turn on and start collecting dust.
- 5.To stop, turn off the machine you were using and the DAS Dust Collector will turn off AUTOMATICALLY within eight (8) seconds after you turned off the machine you were using.

Operation steps in manual mode:

Press switch to the right, this will turn unit ON.

To turn OFF, push switch to left so that the switch is level on both sides

MAKE SURE THE SWITCH IS IN THE "OFF" POSITION BEFORE PLUGGING IN THE POWER CORD. REMOVE THE SWITCH KEY WHENEVER THE DUST COLLECTOR IS NOT IN USE. PLACE IT IN A SAFE PLACE AND OUT OF THE REACH OF CHILDREN.



MAINTENANCE & SERVICING



MAKE SURE THE SWITCH IS IN THE "OFF" POSITION AND UNPLUG THE UNIT FROM THE POWER SOURCE BEFORE PER-FORMING ANY MAINTENANCE.

This machine operates on <u>110 V</u>; if you suspect any electrical problems call a qualified electrician to do the verification of the electrical circuit or the machine. If you need further help with your dust collector contact your **General® International** distributor or our **Technical Service Department @ 888-664-0449**.

- 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.
- 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 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.

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.

CLEANING OR REPLACING THE COLLECTOR BAG

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. Disconnect the machine from the power source outlet.
- 2. Remove the collector bag by pushing the ring of the collector bag upwards at an angle and pulling the bag and snap ring out.
- 3. Empty the contents into an appropriate container.

To replace the collector bag, refer to the Collector Bag Installation on page 10.

CLEANING OR REPLACING THE CANISTER FILTER

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 of the unit, it may be a sign that it is time to clean the filter. If so, proceed as follows:

- 1. Turn off and unplug the machine.
- 2. For basic cleaning, simply rotate the handle on the top of the canister several rotations. The internal flap will rub against the corrugated inner filter and shake free any built-up dust from inside the filter.
- **3.** For a more thorough cleaning, after rotating the handle, remove the hex nuts and remove the canister from the machine and place it on the ground upside down.
- 4. Vacuum the inside of the canister to remove any remaining dust from inside.
- 5. Re-install the canister and re-attach the bolts.





RECOMMENDED OPTIONAL ACCESSORIES

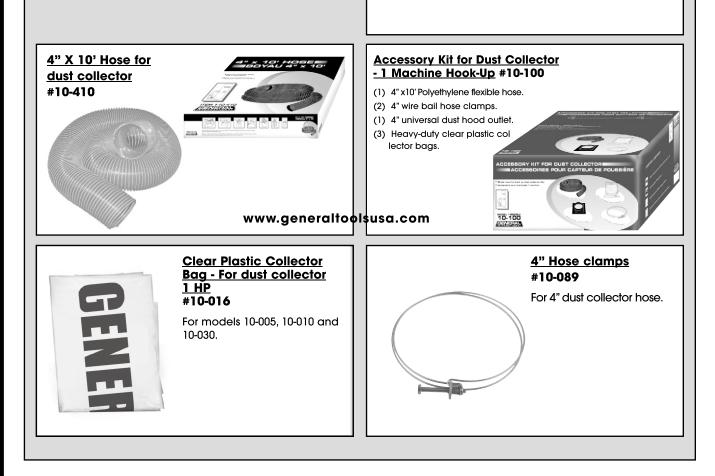
We offer a large variety of products for increased convenience, productivity, accuracy and safety when using your dust collector. Here's a small sampling of optional accessories available from your local General International dealer.

For more information about our products, please visit our website at www.general.ca /www.generaltoolsusa.com



<u>1 Micron Large Canister</u> <u>Filter</u> #10-106S

Total surface area 20 square feet. Dimensions (dia. x h): 14 1/2" x 15 3/4" (370 x 400 mm)





PARTS LIST

10-030DAS M1

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| 10030-07 Hex.head bolt M8×16MML 8 10030-08 Pan head screw M4×12MML 32 10030-09 Base plate 1 10030-10 Caster 4 10030-11 Washer 8 20 10030-12 Nut M8 2 10030-13 Washer 4 52 10030-14 Nut M4 20 10030-15 Hex.head bolt M6×20MML 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MML 6 10030-25 Cap screw M4×12MML 2 10030-26 Hanger <td>10030-06</td> <td>Hex.head bolt M</td> <td>8×35MM L</td> <td>8</td> | 10030-06 | Hex.head bolt M | 8×35 MM L | 8 |
| 10030-08 Pan head screw M4×12MML 32 10030-09 Base plate 1 10030-10 Caster 4 10030-11 Washer 8 20 10030-12 Nut M8 2 10030-13 Washer 4 52 10030-14 Nut M4 20 10030-15 Hex.head bolt M6×20MML 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MML 2 10030-25 Cap screw M4×12MML 2 10030-26 Hanger 1 1 10030-27 Washer | | | 8×16MM L | 8 |
| 10030-09 Base plate 1 10030-10 Caster 4 10030-11 Washer 8 20 10030-12 Nut M8 2 10030-13 Washer 4 52 10030-14 Nut M4 20 10030-15 Hex.head bolt M6×20MML 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 2 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-31 Motor 1 1 | 10030-08 | | 4×12 MM L | 32 |
| 10030-10 Caster 4 10030-11 Washer 8 20 10030-12 Nut M8 2 10030-13 Washer 4 52 10030-14 Nut M4 20 10030-15 Hex.head bolt M6×20MML 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-17 Hose inlet 1 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-20 Fan 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MML 6 10030-25 Cap screw M4×12MML 2 10030-26 Hanger | 10030-09 | | | 1 |
| Iousion Matrix M8 2 10030-12 Nut M4 20 10030-13 Washer 4 52 10030-14 Nut M4 20 10030-15 Hex.head bolt M6×20MML 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-19 Foam gasket 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 C | 10030-10 | Caster | | 4 |
| 10030-12 Nut 4 52 10030-13 Washer 6 1 10030-14 Nut M4 20 10030-15 Hex.head bolt M6×20MML 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 1 10030-27 Washer 4 2 2 10030-28 Nut M4 2 1 10030-29 Collector body 1 1 1 10030-30 Gasket 1 1 1 10030-31 Motor 1 1 <t< td=""><td>10030-11</td><td>Washer</td><td>8</td><td>20</td></t<> | 10030-11 | Washer | 8 | 20 |
| Iocol Id Nut M4 20 10030-14 Nut M4 × 20 M4 × 20 10030-15 Hex.head bolt M6×20MM L 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 | 10030-12 | Nut | M8 | 2 |
| 10030-15 Hex.head bolt M6×20MM L 1 10030-16 Washer 6 1 10030-17 Hose inlet 1 1 10030-18 Inlet cover 1 1 10030-20 Fan 1 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 <td>10030-13</td> <td>Washer</td> <td>4</td> <td>52</td> | 10030-13 | Washer | 4 | 52 |
| 10030-16 Washer 6 1 10030-17 Hose inlet 1 10030-18 Inlet cover 1 10030-19 Foam gasket 1 10030-20 Fan 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw \$12.9×12 4 </td <td>10030-14</td> <td>Nut</td> <td>M4</td> <td>20</td> | 10030-14 | Nut | M4 | 20 |
| 10000-17 Hose inlet 1 10030-18 Inlet cover 1 10030-19 Foam gasket 1 10030-20 Fan 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box b 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw ST2.9×12 4 | 10030-15 | Hex.head bolt M | 6×20MM L | 1 |
| 10030-18 Inlet cover 1 10030-19 Foam gasket 1 10030-20 Fan 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw SI2.9×12 4 | 10030-16 | Washer | 6 | 1 |
| 10000 10 Foam gasket 1 10030-19 Foam gasket 1 10030-20 Fan 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MML 6 10030-25 Cap screw M4×12MML 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-17 | Hose inlet | | 1 |
| 100000 17 Formingeneric 1 10030-20 Fan 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-18 | Inlet cover | | 1 |
| 10000-20 Full 1 10030-21 Spring washer 5 16 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 1 10030-24 Hex.head bolt M6×12MM L 6 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw SI2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-19 | Foam gasket | | 1 |
| 10030-22 Open end wrench 6 1 10030-23 Foam gasket 1 10030-24 Hex.head bolt M6×12MM L 10030-25 Cap screw M4×12MM L 10030-26 Hanger 1 10030-27 Washer 4 10030-28 Nut M4 10030-29 Collector body 1 10030-30 Gasket 1 10030-31 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-20 | Fan | | 1 |
| 10000 22 Open on a memory Image: Non-Section and Memory Image: Network Image: Network | 10030-21 | Spring washer | 5 | 16 |
| 10000-20 Hodin gaster M6×12MM L 6 10030-24 Hex.head bolt M6×12MM L 2 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-22 | Open end wrench | 6 | 1 |
| 10030-25 Cap screw M4×12MM L 2 10030-26 Hanger 1 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 1 10030-30 Gasket 1 1 10030-31 Motor 1 1 10030-32 Switch box a 1 1 10030-33 Switch box b 1 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-23 | Foam gasket | | 1 |
| 10030-26 Hanger 1 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 10030-30 Gasket 1 10030-31 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-24 | Hex.head bolt M | 6×12 MM L | 6 |
| 10000 20 Hanger 4 2 10030-27 Washer 4 2 10030-28 Nut M4 2 10030-29 Collector body 1 10030-30 Gasket 1 10030-31 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-25 | Cap screw M | 4×12 MM L | 2 |
| 10030-28 Nut M4 2 10030-29 Collector body 1 10030-30 Gasket 1 10030-31 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 10030-35 On/off switch with automatic function 1 | 10030-26 | Hanger | | • |
| 10030-29 Collector body 1 10030-30 Gasket 1 10030-31 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-27 | Washer | 4 | 2 |
| 10000 27 Concerts body 1 10030-30 Gasket 1 10030-31 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-28 | Nut | M4 | 2 |
| 10000 00 Oddker 1 10030-31 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-29 | Collector body | | |
| 10000 011 Motor 1 10030-32 Switch box a 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-30 | Gasket | | |
| 10030-32 Switch box d 1 10030-33 Switch box b 1 10030-34 Pan head screw ST2.9×12 4 10030-35 On/off switch with automatic function 1 | 10030-31 | Motor | | |
| 10030-34Pan head screwST2.9×12410030-35On/off switch with automatic function1 | 10030-32 | Switch box a | | |
| 10030-35On/off switch with automatic function1 | 10030-33 | Switch box b | | - |
| | 10030-34 | Pan head screw | ST2.9×12 | - |
| | 10030-35 | · · · · · · · · · · · · · · · · · · · | | |
| 10030-36 Hex.head bolt M8×20MM L 4 | 10030-36 | Hex.head bolt M | 8×20MM L | 4 |
| 10030-37 Snap ring 1 | | Snap ring | | • |
| 10030-38 Collector bag 1 | 10030-38 | Collector bag | | |
| 10030-39 Clamp 2 | | Clamp | | 2 |
| 10030-40 Inlet hose 1 | 10030-40 | Inlet hose | | 1 |
| 10030-41 Hex.wrench \$3 1 | | Hex.wrench | \$3 | |
| 10030-42 Automatic socket-outlet 1 | 10030-42 | Automatic socket-outlet | | 1 |
| 10030-43 Pan head screw 4 | 10030-43 | Pan head screw | | |
| 10030-44 Fastener 1 | | Fastener | | 1 |
| 10030-45Over-current protector1 | 10030-45 | Over-current protector | | 1 |

DIAGRAMS

