



KING CANADA

1 HP DUST COLLECTOR



MODEL: KC-1105C

INSTRUCTION MANUAL

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IMPORTANT INFORMATION

**2-YEAR
LIMITED WARRANTY
FOR THIS DUST COLLECTOR**

**KING CANADA TOOLS
OFFERS A 2-YEAR LIMITED WARRANTY
FOR NON-COMMERCIAL USE.**

PROOF OF PURCHASE

Please keep your dated proof of purchase for warranty and servicing purposes.

REPLACEMENT PARTS

Replacement parts for this tool are available at our authorized KING CANADA service centers across Canada. For servicing, contact or return to the retailer where you purchased your product along with your proof of purchase.

LIMITED TOOL WARRANTY

KING CANADA makes every effort to ensure that this product meets high quality and durability standards. KING CANADA warrants to the original retail consumer a 2-year limited warranty as of the date the product was purchased at retail and that each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations and lack of maintenance. KING CANADA shall in no event be liable for death, injuries to persons or property or for incidental, special or consequential damages arising from the use of our products. To take advantage of this warranty, the product or part must be returned for examination by the retailer. Shipping and handling charges may apply. If a defect is found, KING CANADA will either repair or replace the product.

PARTS DIAGRAM & PARTS LISTS

Refer to the Parts section of the King Canada web site for the most updated parts diagram and parts list.

GENERAL SAFETY INSTRUCTIONS



1. KNOW YOUR TOOL

Read and understand the owners manual and labels affixed to the tool. Learn its application and limitations as well as its specific potential hazards.

2. DON'T USE power tools in damp or wet locations or expose them to rain. Keep work area well lit and provide adequate surrounding work space.

3. USE RIGHT TOOL.

Don't force the tool or the attachment to do a job for which it was not designed.

4. WEAR PROPER APPAREL.

Do not wear loose clothing, gloves, neckties or jewelry (rings, watch) because they could get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair. Roll up long sleeves above the elbows.

5. MAINTAIN TOOL WITH CARE.

Keep tool clean for best and safest performance. Follow instructions for operation and changing accessories.

6. DISCONNECT TOOLS.

Before servicing, when changing accessories or attachments.

7. AVOID ACCIDENTAL STARTING.

Make sure the switch is in the "OFF" position before plugging in.

8. USE RECOMMENDED ACCESSORIES.

Consult the manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.

9. CHECK FOR DAMAGED PARTS.

Before further use of the tool, a guard or other parts that are damaged should be carefully checked to ensure they will operate properly and perform their intended function. Check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other parts which are damaged should be properly repaired or replaced.



BEFORE USING YOUR DUST COLLECTOR

BEFORE USING THE DUST COLLECTION SYSTEM:

To avoid mistakes that could result in serious, permanent injury, do not connect the power cord until the following steps have been completed:

1. Assembly, mounting and alignment.
2. Learn the function and the proper use of the switch.
3. Read and understand all safety instructions and operating procedures in this manual.
4. Always be aware of the hazards surrounding the usage of this machine. Always be aware of the following hazards:

Fire Hazards

Metal shavings or dust can set sawdust on fire. Collect wood materials only. Do not collect metal shavings or dust.

Electrical Hazards

Risk of electrical shock. Use indoors in dry area. Do not use outdoors or on wet surfaces.

Explosive Hazards

Sparks can ignite vapors from flammable products. Do not use around flammable products.

Miscellaneous Hazards

If connected to a circuit protected by fuses, use time delay fuses with this machine. Hazardous moving parts inside. Unplug before removing inlet guard. Attach inlet guard before plugging in.

- Do not vacuum, or use this Dust Collector near flammable or combustible liquids, gases, gasoline or other fuels, lighter fluid, cleaners, oil-based paints, natural gas, hydrogen, or explosive dusts like coal dust, magnesium dust, grain dust, or gun powder.
- Do not vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- To avoid health hazards from vapors or dust, do not vacuum toxic materials.

BEFORE EACH USE:

1. Inspect your Dust Collector. If any parts are missing, bent, or fail in any way, or any electrical components do not work properly, turn off and remove power cord from power source. Replace damaged, missing or failed parts before using again.
2. Plan your work to protect your eyes, hands, face, ears and body.
 - A. **WEAR SAFETY GOGGLES, FORESIGHT IS BETTER THAN NO SIGHT!** Wear safety goggles, not glasses. Operating any power tool can cause foreign objects to be thrown into the eyes which can result in permanent eye damage.
 - B. When cleaning collection bags, wear a dust mask to prevent the inhalation of dangerous particles.

SPECIFICATIONS & ELECTRICAL INFORMATION



WARNING!: If any parts are missing, do not operate until missing parts are replaced. Failure to do so could result in serious personal injury.

WARNING!: Do not use this product as a component of others products. Also, do not use attachments or accessories not recommended for use with this product. Any such use could result in possible serious injury.

Technical Specifications

Model.....	KC-1105C
Voltage.....	120V
Amperage.....	7.4A
Cycle/Phase.....	60Hz, 1 phase
Air Suction.....	600 CFM
Outlet Diameter.....	4"
Sound Rating.....	55-65 db
Static pressure (inch of water).....	.8

POWER SUPPLY

WARNING: YOUR DUST COLLECTOR MUST BE CONNECTED TO A 120V, 15-AMP CIRCUIT. FAILURE TO CONNECT IN THIS WAY CAN RESULT IN INJURY FROM SHOCK OR FIRE. Your dust collector must be properly grounded. Not all outlets are properly grounded. If you are not sure if your outlet is properly grounded, have it checked by a qualified electrician.

WARNING: IF NOT PROPERLY GROUNDED, THIS DUST COLLECTOR CAN CAUSE ELECTRICAL SHOCK, PARTICULARLY WHEN USED IN DAMP LOCATIONS.

EXTENSION CORDS

The use of any extension cord will cause some loss of power. Use the following chart to determine the minimum wire gauge (A.W.G-American Wire Gauge) extension cord.

Only use polarized extension cords (one prong wider than the other) which have 2-prong type plugs and 2-hole receptacles which accept the tool's plug.

For circuits that are further away from the electrical circuit box, the wire gauge must be increased proportionately in order to deliver ample voltage. Refer to chart for wire length and size.

<u>LENGTH OF EXTENSION CORD</u>	<u>WIRE GAUGE REQUIRED (AMERICAN WIRE GAUGE)</u>
	<u>120V LINES</u>
0-25 FEET	NO.16
26-50 FEET	NO.14
51-100 FEET	NO.12



ASSEMBLY

Installing Wheel Casters

To install four wheel casters (A) Fig.1 to the underside of the base (B), follow these instructions;

1. Line up the 4 wheel caster mounting holes with the corresponding holes in the base.
2. Insert pan hd. screws and spring washers through the top of the base and secure with hex. nuts under the base. Repeat these steps for the other 3 wheel casters.

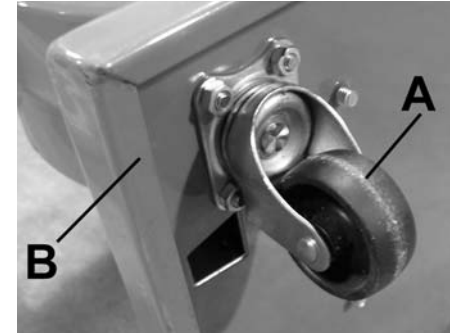


Figure 1

Attaching Dust Collector Bag

Attach the collector bag (A) Fig.2 to the outlet (B) with dust bag clamp (C), fix into place by tightening screw (D) on dust bag clamp.

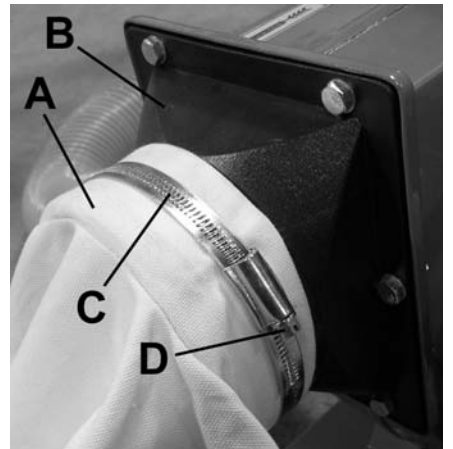


Figure 2

Assembling Flexible Hose to Inlet

Place hose clamp (B) Fig.3 over hose (A) and slide hose over the inlet. Fix hose to inlet by tightening hose clamp fixing screw (C) as shown.

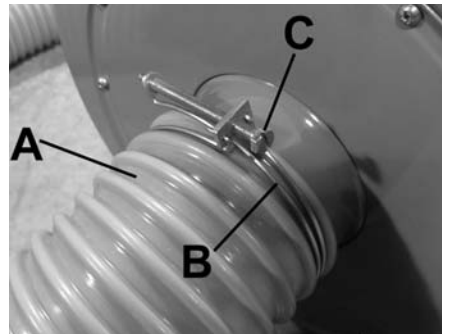


Figure 3

ASSEMBLY & MAINTENANCE



Assembling Flexible Hose, Dust Hood and Arm Support Assembly

1. Assemble dust hood (A) Fig.4 to "L" bracket (B) using 2 carriage bolts (C) and 2 hex. nuts (D).
2. Assemble dust hood and "L" bracket to the arm bracket (E) and fix together using lock handle (F).
3. Insert arm bracket (E) into the corresponding end of the arm support (H) and lock into place using the arm support clamp (G).
4. Insert the other end of the arm support into the bracket welded to the dust collector impeller housing. Lock into place using the second arm support clamp.
5. Place hose clamp (J) over hose (I) and slide hose over the dust hood (A). Fix hose to dust hood by tightening hose clamp fixing screw as shown.

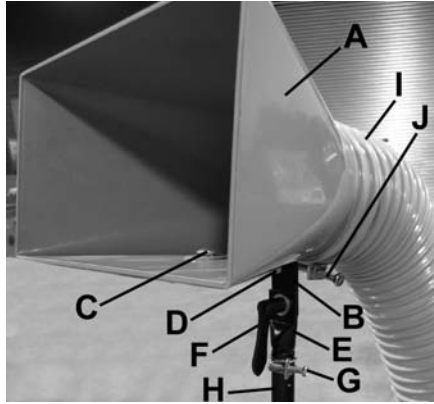


Figure 4

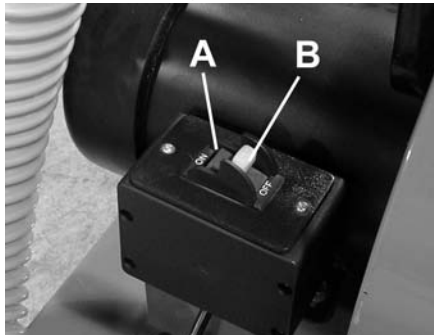


Figure 5

Turning Dust Collector On & Off

Note: Before connecting power cord to power source, make sure that the switch is in the off position.

1. The dust collector can be turned on by flipping the switch (A) Fig.5 into the on position. Flip to the off position to turn dust collector off.
2. There is a removable safety key (B) in the tip of the switch that can be removed when in the off position. When the key has been removed the dust collector cannot be used.

Maintenance

Motor

Excessive dust in motor could cause overheating. Every effort should be made to prevent foreign material from entering the motor. When operated under conditions likely to permit accumulations of dust, dirt, or waste within the motor, a visual inspection should be made at frequent intervals. Accumulations of dry dust can usually be blown out. Use a low pressure air hose. CAUTION: To avoid eye injury or adverse reaction to dust, high air pressure should not be used especially in poorly ventilated areas.

The operator performing this task should wear safety goggles and a mask.

Do not use unit if power cord becomes worn or frayed.

If any servicing becomes necessary, it should be performed by a qualified technician or by an authorized King Canada service center.