



DC-751X / DC-752X / DC-753X PREMIUM DUST COLLECTORS

INSTRUCTION MANUAL

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V1

carbatec®

5 YEAR
WARRANTY

THANK YOU FOR CHOOSING carbatec®

Carbatec has been a trusted brand for woodworking enthusiasts and professionals across Australia and New Zealand, since 1987.

Our quality woodworking products are designed and built to offer value and performance, making the latest features and technological advancements more accessible to Aussie woodworkers.

Backed by our no-fuss after-sales care and warranty support, you can trust Carbatec to keep you woodworking, as promised.

We look forward to sharing in your woodworking journey!

If you have any questions about our products or service, please call us on **1800 658 111** or email us at info@carbatec.com.au

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IMPORTANT

DUST COLLECTION: All woodworking machines require effective dust extraction to ensure quality work and longevity of the machine itself. Failure to connect your machine to a suitable dust collector may affect your warranty. The collector required for your machine will depend on several factors including the type of machine and its dust port connection, distance between collector and machine, type and frequency of use and the material being worked. We recommend a dust collector that will provide you a minimum airflow of 500-CFM when measured at the machine connection.

Key information can be found on the inspection panel, found on the rear of the machine.

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QUALITY INSPECTED

Model:
Voltage
Freq:
Phase:
Amp:
kW:
Speed:
Lot No.:
Serial No.:
Date:

Made in
CARBATEC PTY LTD
Brisbane - Australia

for:



Record the serial number and date of purchase in your manual for future reference.

SERIAL NUMBER:

DATE OF PURCHASE:

SAFETY INSTRUCTIONS

IMPORTANT! Safety is the single most important consideration in the operation of this equipment. The following instructions must be followed at all times. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

There are certain applications for which this tool was designed. We strongly recommend that this tool not be modified and/or used for any other application other than that for which it was designed. If you have any questions about its application, do not use the tool until you have contacted us and we have advised you.

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding.

The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.



WARNING

Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as **"DANGER," "WARNING,"** and **"CAUTION"** before using this tool. Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING



A safety alert symbol Indicates DANGER, WARNING, or CAUTION. May be used in conjunction with other symbols or pictographs.



DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.



WARNING

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a potentially hazardous situation, which, if not avoided, could result in minor or moderate injury.

NOTICE

(Without Safety Alert Symbol) Indicates a situation that may result in property damage.



Carbatec products bearing the Regulatory Compliance Mark (RCM) have been tested in accordance with applicable Australian/New Zealand Standards to ensure their compliance with all mandatory standards and regulations (applicable at time of original sale). Carbatec Pty Ltd are registered as a responsible supplier with relevant Australian government departments and our products are registered on the EESS & ACMA database.

GENERAL SAFETY

Operating a power tool can be dangerous if safety and common sense are ignored. The operator must be familiar with the operation of this machine. Read this manual to understand this machine. **DO NOT OPERATE** this machine **IF YOU DO NOT FULLY UNDERSTAND** the limitations of this tool. **DO NOT MODIFY** this machine in any way.

BEFORE USING THIS MACHINE



WARNING

To avoid serious injury and damage to the tool, read and follow all of the Safety and Operating Instructions before operating the machine.



WARNING

1. **SOME DUST CREATED BY USING POWER TOOLS CONTAINS CHEMICALS** known to cause cancer, birth defects, or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

2. **READ** this entire manual. **LEARN** how to use the tool for its intended applications.
3. **GROUND ALL TOOLS.** If the tool is supplied with a 3-prong plug, it must be plugged into a 3-contact electrical receptacle. The third prong is used to ground the tool and provide protection against accidental electric shock.
4. **AVOID A DANGEROUS WORKING ENVIRONMENT.** Do not use electrical tools in a damp environment or expose them to rain.
5. **DO NOT USE** electrical tools in the presence of **FLAMMABLE** liquids or gases.
6. **ALWAYS KEEP THE AREA CLEAN,** well lit, and organized. Do not work in an environment with floor surfaces that are slippery from debris, grease, and wax.
7. **KEEP VISITORS AND CHILDREN AWAY.** Do not permit people to be in the immediate work area, especially when the electrical tool is operating.
8. **DO NOT FORCE THE TOOL** to perform an operation for which it was not designed. It will do a safer and higher quality job by only performing operations for which the tool was intended.

GENERAL SAFETY

- 9. WEAR PROPER CLOTHING.**
Do not wear loose clothing, gloves, neckties, or jewellery. These items can get caught in the machine during operations and pull the operator into the moving parts. The user must wear a protective cover on their hair, if hair is long, to prevent it from contacting any moving parts.
- 10. CHILDPROOF THE WORKSHOP AREA** by removing switch keys, unplugging tools from the electrical receptacles, and using padlocks.
- 11. ALWAYS UNPLUG THE TOOL FROM THE ELECTRICAL RECEPTACLE** when making adjustments, changing parts or performing any maintenance.
- 12. KEEP PROTECTIVE GUARDS IN PLACE AND IN WORKING ORDER.**
- 13. AVOID ACCIDENTAL STARTING.** Make sure that the power switch is in the "OFF" position before plugging in the power cord to the electrical receptacle.
- 14. REMOVE ALL MAINTENANCE TOOLS** from the immediate area prior to turning "ON" the machine.
- 15. USE ONLY RECOMMENDED ACCESSORIES.**
Use of incorrect or improper accessories could cause serious injury to the operator and cause damage to the tool. If in doubt, check the instruction manual that comes with that particular accessory.
- 16. NEVER LEAVE A RUNNING TOOL UNATTENDED.** Turn the power switch to the "OFF" position. Do not leave the tool until it has come to a complete stop.
- 17. DO NOT STAND ON A TOOL.** Serious injury could result if the tool tips over, or you accidentally contact the tool.
- 18. DO NOT STORE ANYTHING ABOVE OR NEAR** the tool where anyone might try to stand on the tool to reach it.
- 19. MAINTAIN YOUR BALANCE.** Do not extend yourself over the tool. Wear oil resistant rubber soled shoes. Keep floor clear of debris, grease, and wax.
- 20. MAINTAIN TOOLS WITH CARE.** Always keep tools clean and in good working order. Keep all blades and tool bits sharp, dress grinding wheels and change other abrasive accessories when worn.
- 21. EACH AND EVERY TIME, CHECK FOR DAMAGED PARTS PRIOR TO USING THE TOOL.** Carefully check all guards to see that they operate properly, are not damaged, and perform their intended functions. Check for alignment, binding or breaking of moving parts. A guard or other part that is damaged should be immediately repaired or replaced.
- 22. DO NOT OPERATE TOOL WHILE TIRED, OR UNDER THE INFLUENCE OF DRUGS, MEDICATION OR ALCOHOL.**

- 23. SECURE ALL WORK.** Use clamps or jigs to secure the work piece. This is safer than attempting to hold the work piece with your hands.
- 24. STAY ALERT, WATCH WHAT YOU ARE DOING, AND USE COMMON SENSE WHEN OPERATING A POWER TOOL.** A moment of inattention while operating power tools may result in serious personal injury.
- 25. ALWAYS WEAR A DUST MASK TO PREVENT INHALING DANGEROUS DUST OR AIRBORNE PARTICLES,** including wood dust, crystalline silica dust and asbestos dust. Direct particles away from face and body. Always operate tool in well ventilated area and provide for proper dust removal. Use dust collection system wherever possible. Exposure to dust may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing dust, and avoid prolonged contact with dust. Allowing dust to get into your mouth or eyes, or lay on your skin may promote absorption of harmful material. Always use properly fitting AS/NZS approved respiratory protection appropriate for the dust exposure, and wash exposed areas with soap and water.
- 26. USE A PROPER EXTENSION CORD IN GOOD CONDITION.** Use of extension cords should be avoided where possible. When using an extension cord, be sure to have a cord heavy enough to carry the current your product will draw, and with compatible pin configuration and connections (NEVER use an extension cord rated at less than your machine). Longer run extensions will need heavier duty extension cords. Only connect your extension cord or machine to a receptacle that accepts your plug and never modify your plug to suit a receptacle.

NOTE: According to the applicable product liability law the manufacturer of this device is not liable for damages which arise on or in connection with this device in case of:

- Improper handling
- Non-compliance with the instructions for use
- Repairs by third party, non authorised skilled workers
- Installation and replacement of non-genuine spare parts
- Improper use

RECOMMENDATIONS:

- Read the entire text of the operating instructions prior to the assembly and operation of the device. These operating instructions are intended to make it easier for you to get familiar with your device and utilise its intended possibilities of use.
- The operating instructions contain important notes on how to work safely with your machine and how to avoid dangers, and increase the reliability and working life of the machine.
- Retain and store these instructions near the machine. The instructions must be read and carefully observed by each operator prior to starting the work.
- In addition to the safety notes contained in the present operating instructions and the special regulations of your country, the generally recognised technical rules for the operation of wood working machines must be observed.

The device and packaging materials are not toys! Children must not be allowed to play with plastic bags, film and small parts! There is a risk of swallowing and suffocation!



INTENDED USE

- The machine must only be used in technically perfect condition in accordance with its designated use and the instructions set out in the operating manual, and only by safety-conscious persons who are fully aware of the risks involved in operating the machine. Any functional disorders, especially those affecting the safety of the machine, should therefore be rectified immediately. The safety, work and maintenance instructions of the manufacturer as well as the technical data given in the calibrations and dimensions must be adhered to.
- Relevant accident prevention regulations and other, generally recognised safety-technical rules must also be adhered to.
- The machine may only be used, maintained, and operated by persons familiar with it and instructed in its operation and procedures. Arbitrary alterations to the machine release the manufacturer from all responsibility for any resulting damages.
- The machine may only be used with original accessories and tools made by or recommended by the manufacturer.
- Any other use exceeds authorisation. The manufacturer is not responsible for any damages resulting from unauthorized use; risk is the sole responsibility of the operator.

SAFETY FOR DUST COLLECTORS

INTENDED USE

This dust collector is only intended for collecting wood dust and chips from woodworking machines. Do not use this dust collector to collect metal, dirt, pebbles, drywall, asbestos, lead paint, silica, liquids, aerosols, or any flammable, combustible, or hazardous materials.

HAZARDOUS DUST

Dust created while using machinery may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each work piece material, and always wear a AS/NZS-approved respirator to reduce your risk.

DUST ALLERGIES

Dust from certain woods may cause an allergic reaction in people and animals. Make sure you know what type of wood dust you will be exposed to in case there is a possibility of an allergic reaction.

WEAR A RESPIRATOR

Fine dust that is too small to be caught in the filter will be blown into the ambient air during operation. Always wear a AS/NZS-approved respirator during operation and for a short time after to reduce your risk of permanent respiratory damage.

EMPTYING DUST

When emptying dust from the collection container, wear a respirator and safety glasses. Empty dust away from ignition sources and into an approved container.

DISCONNECT POWER SUPPLY

Turn the switch off, disconnect the dust collector from the power supply, and allow the impeller to come to a complete stop before leaving the machine unattended or doing any service, cleaning, maintenance, or adjustments.

SUSPENDED DUST PARTICLES AND IGNITION SOURCES

Do not operate the dust collector in areas where explosion risks are high. Areas of high risk include, but are not limited to, areas near pilot lights, open flames, or other ignition sources.

FIRE SUPPRESSION

Only operate the dust collector in locations that contain a fire suppression system or have a fire extinguisher nearby.

IMPELLER HAZARDS

Do not place your hands or tools near the open inlet during operation for any reason. The powerful suction could easily cause accidental contact with the impeller, which will cause serious personal injury or damage to the machine. Always keep small animals and children away from open dust collection inlets.

AVOIDING SPARKS

Do not allow steel or rocks to strike the impeller—this may produce sparks. Sparks can smolder in wood dust for a long time before a fire is detected. If you accidentally cut into wood containing tramp metal (nails, staples, spikes, etc.), immediately turn off the dust collector, disconnect it from power, and wait for the impeller to stop—then empty the collection container into an approved airtight metal container.

OPERATING LOCATION

To reduce respiratory exposure to fine dust, locate permanently installed dust collectors away from the working area, or in another room that is equipped with a smoke detector. Do not operate the dust collector in rainy or wet locations. Exposure to water may create a shock hazard or decrease the life of the machine.

STATIC ELECTRICITY

Plastic dust lines generate high amounts of static electricity as dust chips pass through them. Although rare, sparks caused by static electricity can cause explosions or fire. To reduce this risk, make sure all dust lines are thoroughly grounded by using a grounding wire.

REGULAR CLEANING

Regularly check/empty the collection bags or drum to avoid the buildup of fine dust that can increase the risk of fire. Make sure to regularly clean the surrounding area where the machine is operated—excessive dust buildup on overhead lights, heaters, electrical panels, or other heat sources will increase the risk of fire.



WARNING

No list of safety guidelines can be complete. Every shop environment is different. Accidents are frequently caused by lack of familiarity or failure to pay attention. Use this machine with respect and caution to lessen the possibility of operator injury. If normal safety precautions are overlooked or ignored, serious personal injury may occur.

ELECTRICAL SAFETY



WARNING

This tool must be grounded while in use to protect the operator from electric shock. IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electric current and reduces the risk of electric shock. This tool may be equipped with an electric cord that has an equipment grounding conductor and a grounding plug. **The plug MUST Be plugged** into a matching electrical receptacle that is properly installed and grounded in accordance with **ALL** local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED.

If it will not fit the electrical receptacle, have the proper electrical receptacle installed by a qualified electrician.

IMPROPER ELECTRICAL CONNECTION of the equipment grounding conductor can result in risk of electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding conductor. **DO NOT** connect the equipment grounding conductor to a live terminal if repair or replacement of the electric cord or plug is necessary.

CHECK WITH A QUALIFIED ELECTRICIAN

or service personnel if you do not completely understand the grounding instructions, or if you are not sure the tool is properly grounded.

Use only a 3-wire extension cord that has a 3-prong grounding plug and a 3-pole receptacle that accepts the tool's plug. Replace a damaged or worn cord immediately.

Power tools and machinery are intended for use on a circuit that has an electrical receptacle as shown in **FIGURE A** that shows a 10 Amp 3-wire electrical plug and corresponding electrical receptacle that has a grounding conductor.

If this particular tool has been designed and fitted with a two prong electrical plug, ensure it displays the 'Double Insulated' logo shown in **FIGURE B**, before connecting to a 3-wire receptacle.



WARNING

Never modify the standard fitted electrical plugs to fit your receptacle.



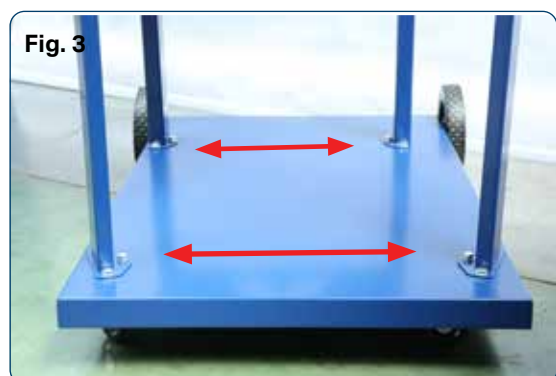
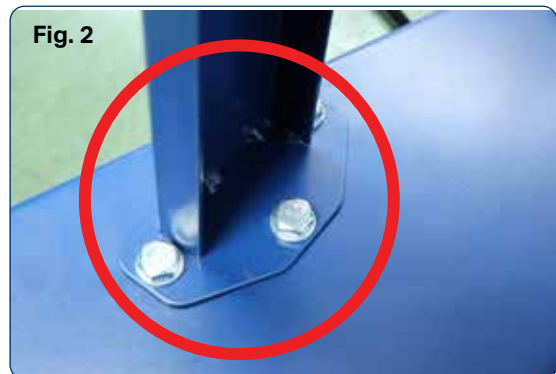
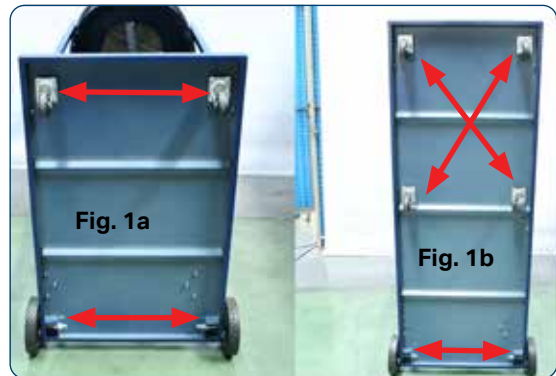
ASSEMBLY

1. Carefully unpack all components and sort all fixings and fasteners. Do not dispose of packaging until you have completed assembly.
 2. *For DC-751X & DC-752X* (Fig.1a)
Attach the 2 large wheels and 2 swivel casters to the main base
 3. *For DC-753X* (Fig.1b)
Attach the 2 large wheels and 4 swivel casters to the main base
 4. *For DC-751X & DC-752X*
Attach the 4 legs using the M8 X 15mm bolts (Fig. 2,3a) NOTE: The shorter legs are attached closest to the large fixed wheels.
 5. *For DC-753X*
Attach the additional 5th leg using the M8 X 15mm bolts into the remaining holes in the mid section of the main base
- NOTE:** For all models. the short legs are attached closest to the large fixed wheels and the 2 (or three) longer legs, furthest away from the large fixed wheels.
6. Attach the Fan/motor housing to the 2 shorter legs on the end with the larger fixed wheels, using 4 x M8 x 15mm bolts and nuts, 2 on each leg.

NOTICE

The motor is positioned facing down and the fan/motor assembly is heavy, please seek assistance (Fig. 4).

7. Attach the handle to the top of the Fan/motor mounting brackets (Fig. 4). NOTE: Handle can be mounted facing up OR down.



8. Attach the filter/bag housing to the legs at the opposite end to the motor housing. Use the spacer block between the leg and the waste bag housing, use 2x M8 x 45mm bolts for each leg (Fig. 5).

NOTE: The **DC-753X** features two different filter/bag housings. Ensure the mid housing is mounted to the fan/motor to allow fittment of the end housing.

9. Place the rubber gasket between the filter/bag housing and the motot/fan housing the securing in place using the six M6x15mm bolts (**DC-751X**) or 8 x M8 bolts (**DC-752X** and **DC-753X**) (Fig.6)
Attach the switch box at the same time (Fig.6)

! CAUTION

Take care not to distort the rubber gasket.
For DC-753X
Repeat the process for the end filter/bag housing ensuring rubber gaskets are used between all connections.

10. Fit the filter on the top, then the waste bag on the bottom using the bag straps. Use the waste bag spring clips to hold the bag in place whilst fitting the bag strap (Fig.7).
11. Where applicable or required, attach the supplied plastic dust header port to the dust inlet on the top of the motot/fan assembly and screw into place.
12. Attach the diagonal 'X Plate' support BRACKET beneath the motor, on the support legs. (Fig.8)
13. NOTE: Any remining bolts/washers are used to fill optional component mounting holes in the filter/bag housings, to help prevent dust escaping.



OPERATION

BASIC OPERATION

Once assembly is complete, test run the machine to ensure it is properly connected to power and safety components are functioning correctly. If you find an unusual problem during the test run, immediately stop the machine, disconnect it from power, and fix the problem BEFORE operating the machine again.

DO NOT start machine until all preceding setup instructions have been performed. Operating an improperly set up machine may result in malfunction or unexpected results that can lead to serious injury, death, or machine/property damage.

1. Clear all setup tools away from machine.
2. Lock all swivel casters on base stand and dust collection drum.
3. Connect machine to the cyclone dust extractor or place covers over inlet adapter ports.



WARNING

4. DO NOT operate the machine without first connecting it to a dust-collection system or covering an inlet adapter port. Otherwise, the lack of airflow resistance will cause the motor to operate at full amperage load, which could trip your circuit breaker or blow a fuse.
5. Connect machine to power and while standing away from intake port, press button "ON" to turn machine on and verify motor starts up and runs smoothly without any problems or unusual noises and turn "OFF" when checked.

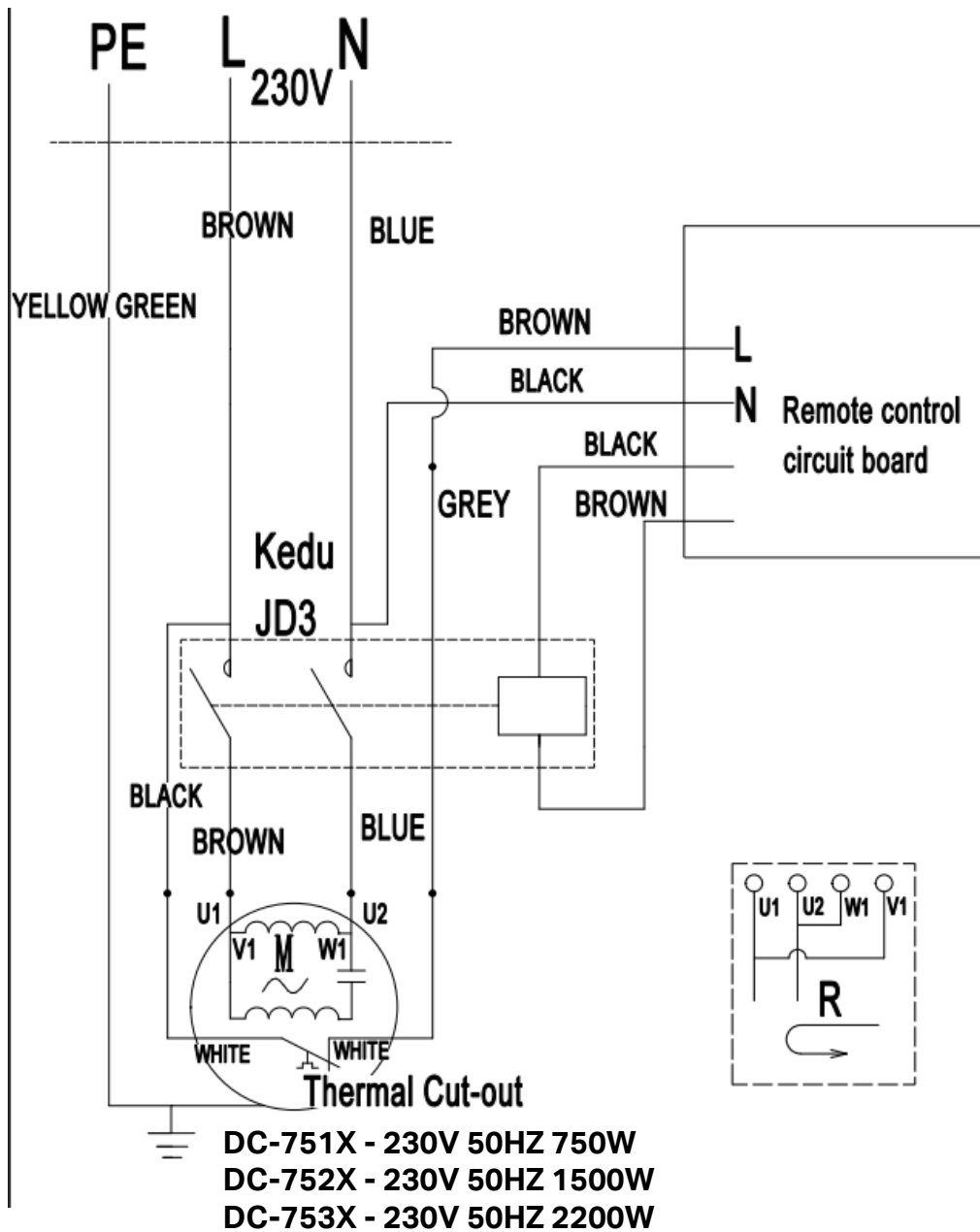
CONTROL BOX AND REMOTE CONTROL OPERATION

- Control box Green button = Start (ON)
- Control Box Yellow button = Timer. Press to cycle through 2, 4, 6 or 8 hours running time and switch off automatically). Digital readout displays selected running time
- Control Box Red button: Stop (OFF)
- Remote Control Top red button = Stop (OFF)
- Remote Control Middle blue button = Timer. Press to cycle through 2, 4, 6 or 8 hours running time and switch off automatically) - Note run time is displayed on control box digital readout
- Bottom green button = Start (ON)
- NOTE: The remote control requires one A23 12V battery for operation.

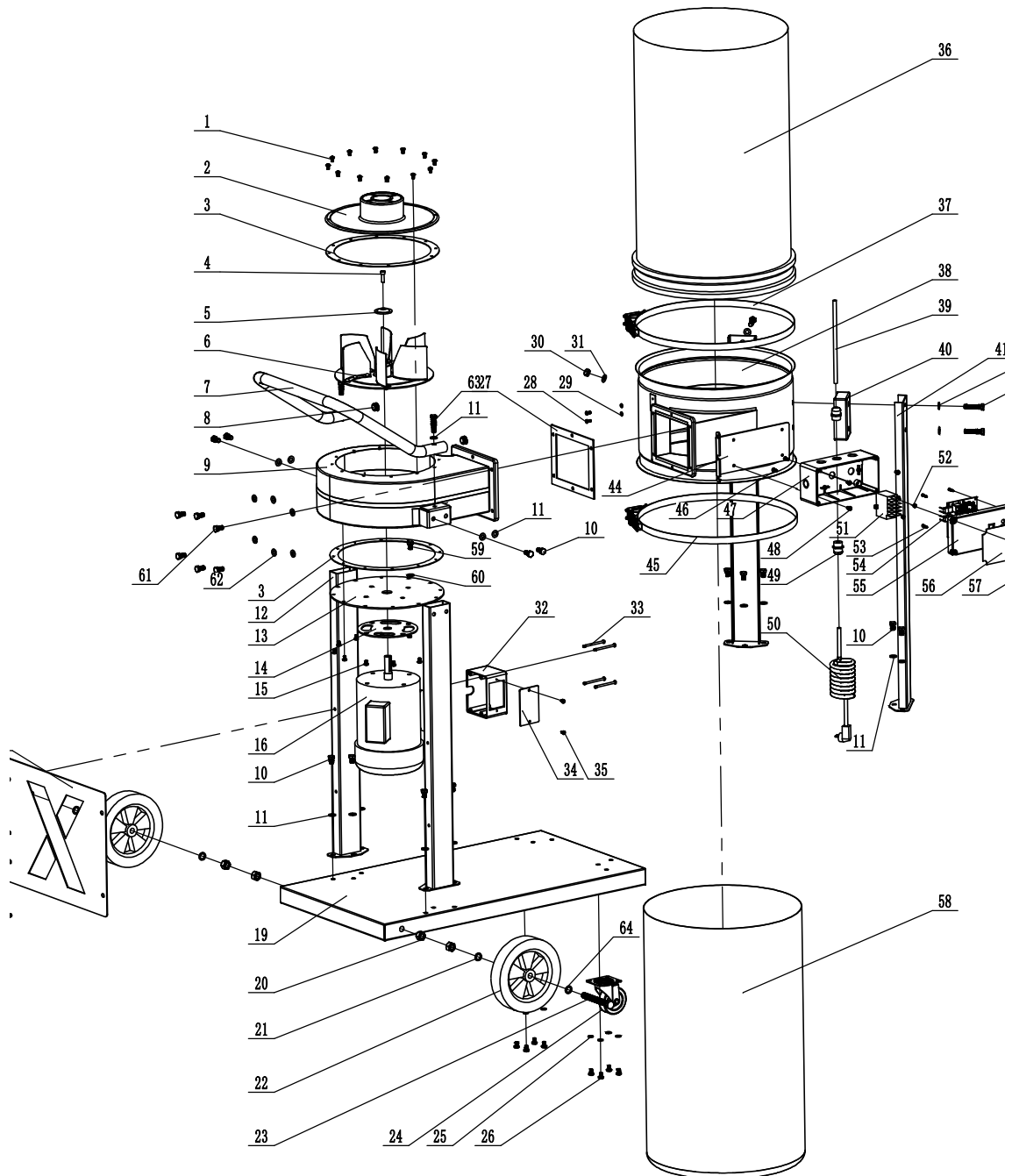
MAINTENANCE

- Empty the dust bag regularly.
- Inspect the suction hose for blockages and signs of wear.
- Check the filters regularly and replace or clean them if clogged.

WIRING DIAGRAM



PARTS DIAGRAM

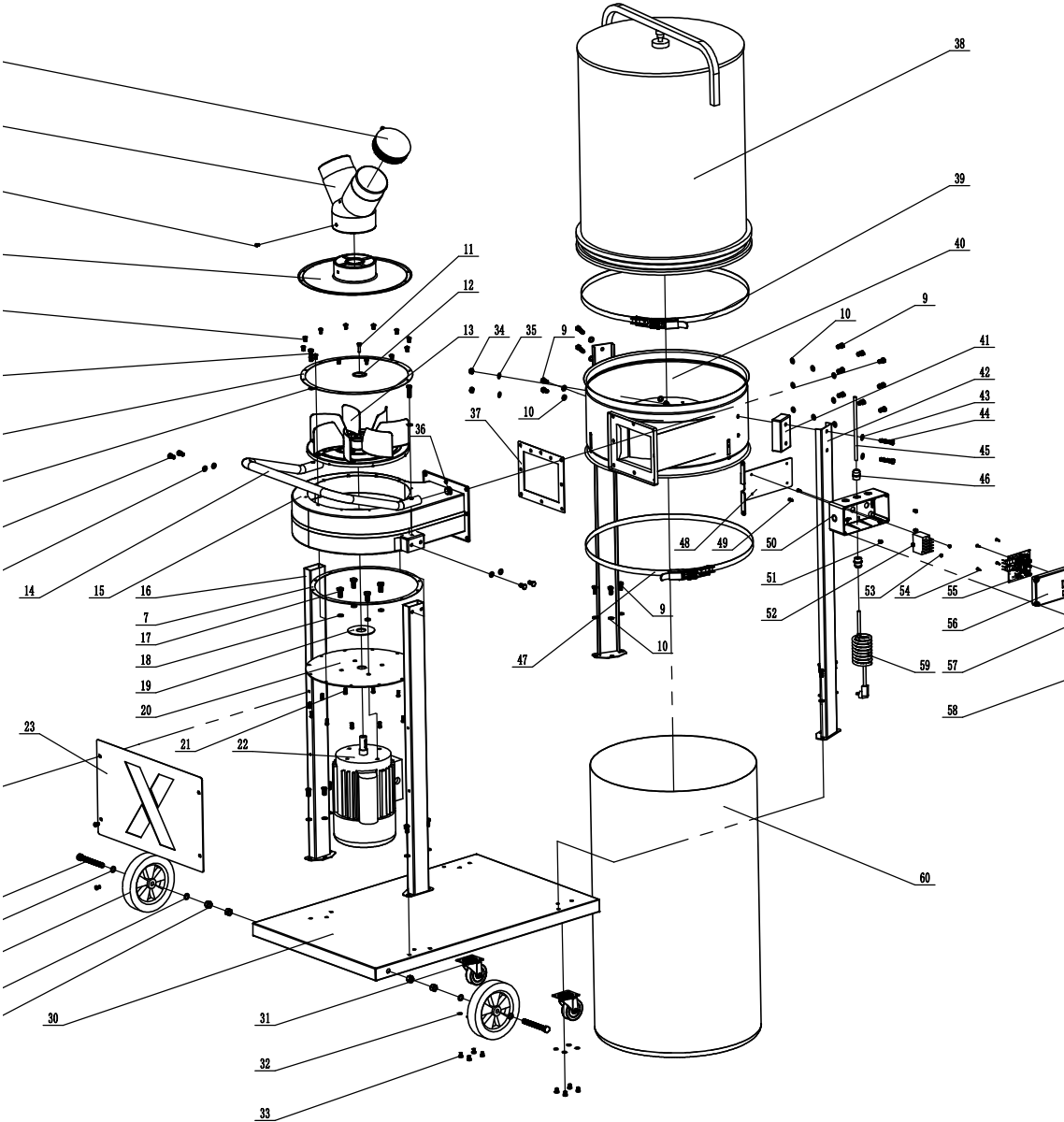


DC-751X DUST COLLECTOR

PARTS LIST

PART REF #	PRODUCT CODE	DESCRIPTION	PART REF #	PRODUCT CODE	DESCRIPTION
1	DC-751X-001	Cross recessed pan head screw M5×8	33	DC-751X-033	Cross recessed pan head screw M4×60
2	DC-751X-002	Suction inlet	34	DC-751X-034	Switch box cover plate
3	DC-751X-003	Sealing ring	35	DC-751X-035	Cross recessed pan head tapping screw ST4×12
4	DC-751X-004	Hexagon socket head cap screw M6×20 - left-hand	36	DC-751X-036	Filter element
5	DC-751X-005	Retaining ring	37	DC-751X-037	Hose clamp
6	DC-751X-006	Impeller	38	DC-751X-038	Dust collection barrel
7	DC-751X-007	Push handle	39	DC-751X-039	Electrical wire
8	DC-751X-008	Plug	40	DC-751X-040	Dust collection barrel spacer block
9	DC-751X-009	Volute casing	41	DC-751X-041	Support rod
10	DC-751X-010	Hexagon head bolt M8×16	42	DC-751X-042	Flat washer 8
11	DC-751X-011	Flat washer 8	43	DC-751X-043	Hexagon head bolt M8×45
12	DC-751X-012	Support leg	44	DC-751X-044	Bent plate A
13	DC-751X-013	Motor plate	45	DC-751X-045	Hose clamp
14	DC-751X-014	Motor gasket	46	DC-751X-046	Cross recessed pan head screw M4×12
15	DC-751X-015	Cross recessed pan head screw M5×8	47	DC-751X-047	Switch box body
16	DC-751X-016	Motor	48	DC-751X-048	Cross recessed pan head screw M5×8
17	DC-751X-017	Cross recessed pan head screw M6×10	49	DC-751X-049	Lifting eye nut M20
18	DC-751X-018	Reinforcement plate	50	DC-751X-050	Power cord
19	DC-751X-019	Chassis	51	DC-751X-051	AC contactor
20	DC-751X-020	Nut M12	52	DC-751X-052	Nut M4
21	DC-751X-021	Thick flat washer 12	53	DC-751X-053	Cross recessed pan head tapping screw ST3×16
22	DC-751X-022	7-inch caster	54	DC-751X-054	Circuit board
23	DC-751X-023	Hexagon head bolt M12×120	55	DC-751X-055	Switch box cover
24	DC-751X-024	2.5-inch caster	56	DC-751X-056	Panel sticker
25	DC-751X-025	Flat washer 6	57	DC-751X-057	Cross recessed pan head tapping screw ST3.5×20
26	DC-751X-026	Cross recessed pan head screw M6×10	58	DC-751X-058	Dust collection bag
27	DC-751X-027	Sealing gasket	59	DC-751X-059	Hexagon head bolt M8×20
28	DC-751X-028	Cross recessed pan head screw M4×8	60	DC-751X-060	Spring washer 8
29	DC-751X-029	Flat washer 4	61	DC-751X-061	Hexagon head bolt M6×16
30	DC-751X-030	Nut M8	62	DC-751X-062	Flat washer 6
31	DC-751X-031	Flat washer 8	63	DC-751X-063	Hexagon head bolt M8×35
32	DC-751X-032	Switch box	64	DC-751X-064	Flat washer 12

PARTS DIAGRAM

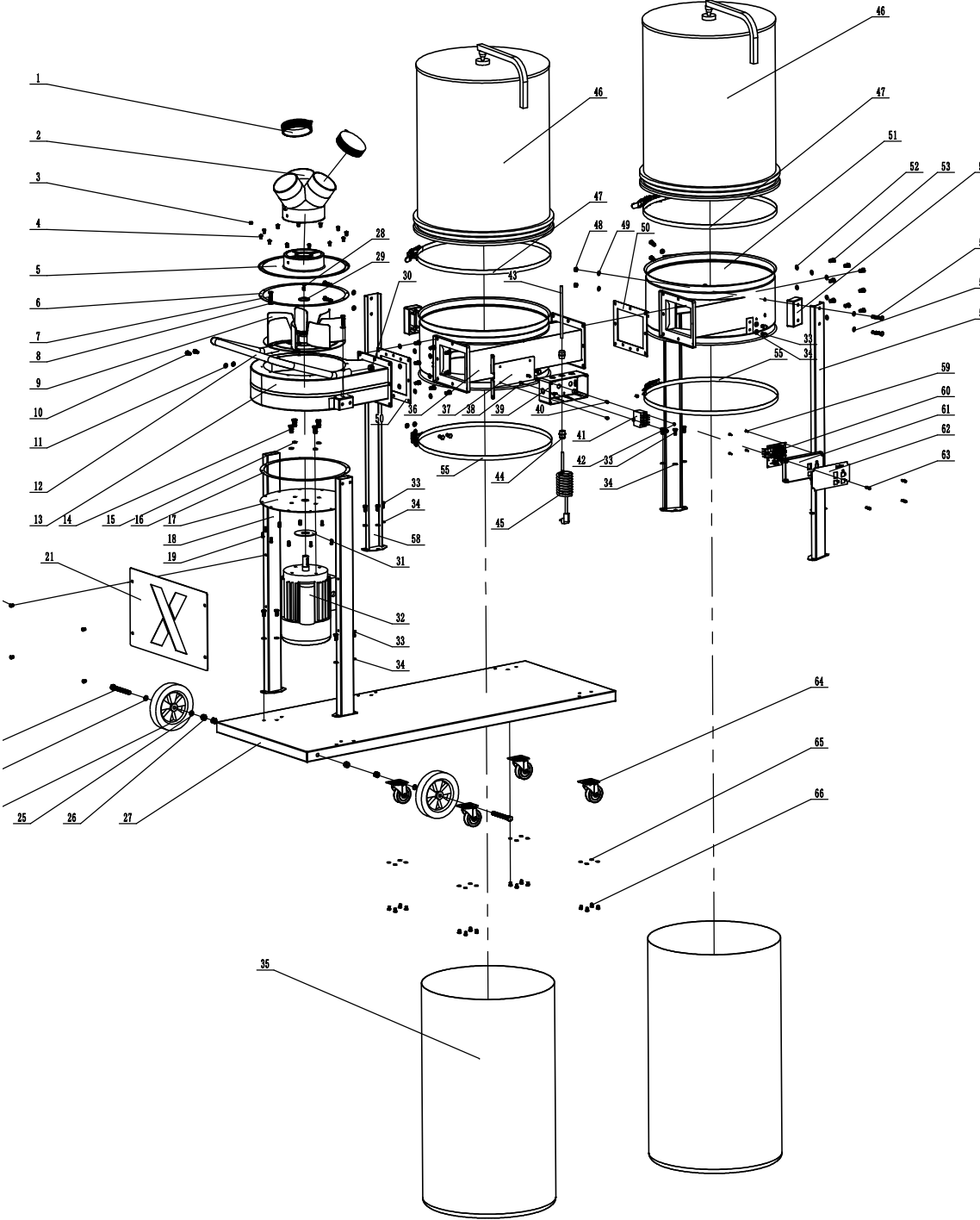


DC-752X DUST COLLECTOR

PARTS LIST

PART REF #	PRODUCT CODE	DESCRIPTION	PART REF #	PRODUCT CODE	DESCRIPTION
1	DC-752X-001	Cover cap	31	DC-752X-031	2.5-inch caster
2	DC-752X-002	Tee (three-way connector)	32	DC-752X-032	Flat washer 6
3	DC-752X-003	Cross recessed pan head screw M5×8	33	DC-752X-033	Cross recessed pan head screw M6×10
4	DC-752X-004	Suction inlet	34	DC-752X-034	Nut M8
5	DC-752X-005	Cross recessed pan head screw M6×10	35	DC-752X-035	Flat washer 8
6	DC-752X-006	Hexagon head bolt M8×35	36	DC-752X-036	Plug
7	DC-752X-007	Sealing gasket	37	DC-752X-037	Sealing gasket
8	DC-752X-008	Flat washer 8	38	DC-752X-038	Filter element
9	DC-752X-009	Hexagon head bolt M8×16	39	DC-752X-039	Filter element hose clamp
10	DC-752X-010	Flat washer 8	40	DC-752X-040	Dust collection barrel
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13	DC-752X-013	Impeller	43	DC-752X-043	Flat washer 8
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15	DC-752X-015	Volute casing	45	DC-752X-045	Electrical wire
16	DC-752X-016	Volute casing support leg	46	DC-752X-046	Lifting eye nut M20
17	DC-752X-017	Hexagon head bolt M10×20	47	DC-752X-047	Dust collection bag clamp
18	DC-752X-018	Spring washer 10	48	DC-752X-048	Bent plate C
19	DC-752X-019	Motor rubber pad	49	DC-752X-049	Cross recessed pan head screw M4×12
20	DC-752X-020	Motor plate	50	DC-752X-050	Switch box lower body
21	DC-752X-021	Cross recessed pan head screw M6×10	51	DC-752X-051	Cross recessed pan head screw M5×8
22	DC-752X-022	Motor	52	DC-752X-052	AC contactor
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28	DC-752X-028	Flat washer 12	58	DC-752X-058	Cross recessed pan head tapping screw ST3.5×20
29	DC-752X-029	Nut M12	59	DC-752X-059	Power cord
30	DC-752X-030	Chassis	60	PCB-800XL	Dust collection bag (pk10)

PARTS DIAGRAM



DC-753X DUST COLLECTOR

PARTS LIST

PART REF #	PRODUCT CODE	DESCRIPTION	PART REF #	PRODUCT CODE	DESCRIPTION
1	DC-753X-001	Cap	34	DC-753X-034	Flat washer 8
2	DC-753X-002	Four-way connector	35	DC-753X-035	Dust collection bag
3	DC-753X-003	Cross recessed pan head screw M5×8	36	DC-753X-036	Front dust collection barrel
4	DC-753X-004	Cross recessed pan head screw M6×10	37	DC-753X-037	Bent plate C
5	DC-753X-005	Suction inlet	38	DC-753X-038	Cross recessed pan head screw M4×12
6	DC-753X-006	Sealing gasket	39	DC-753X-039	Switch box lower body
7	DC-753X-007	Hexagon head bolt M8×35	40	DC-753X-040	Cross recessed pan head screw M5×8
8	DC-753X-008	Flat washer 8	41	DC-753X-041	AC contactor
9	DC-753X-009	Impeller	42	DC-753X-042	Nut M4
10	DC-753X-010	Hexagon head bolt M8×16	43	DC-753X-043	Connecting wire
11	DC-753X-011	Flat washer 8	44	DC-753X-044	Lifting eye nut M20
12	DC-753X-012	Handle	45	DC-753X-045	Power cord
13	DC-753X-013	Volute casing	46	DC-753X-046	Filter element
14	DC-753X-014	Hexagon head bolt M10×20	47	DC-753X-047	Filter element hose clamp
15	DC-753X-015	Spring washer 10	48	DC-753X-048	Nut M8
16	DC-753X-016	Sealing gasket	49	DC-753X-049	Flat washer 8
17	DC-753X-017	Motor plate	50	DC-753X-050	Sealing gasket
18	DC-753X-018	Volute casing support leg	51	DC-753X-051	Rear dust collection barrel
19	DC-753X-019	Cross recessed pan head screw M6×10	52	DC-753X-052	Flat washer 8
20	DC-753X-020	Cross recessed pan head screw M6×10	53	DC-753X-053	Hexagon head bolt M8×16
21	DC-753X-021	Reinforcement plate	54	DC-753X-054	Dust collection barrel spacer block
22	DC-753X-022	Hexagon head bolt M12×120	55	DC-753X-055	Dust collection bag clamp
23	DC-753X-023	Flat washer 12	56	DC-753X-056	Hexagon head bolt M8×45
24	DC-753X-024	7-inch caster	57	DC-753X-057	Flat washer 8
25	DC-753X-025	Thick flat washer 12	58	DC-753X-058	Support rod
26	DC-753X-026	Nut M12	59	DC-753X-059	Cross recessed pan head tapping screw ST3×16
27	DC-753X-027	Chassis	60	DC-753X-060	Circuit board
28	DC-753X-028	Hexagon socket head cap screw M6×20 - left-hand	61	DC-753X-061	Switch box cover
29	DC-753X-029	Retaining ring	62	DC-753X-062	Panel sticker
30	DC-753X-030	Plug	63	DC-753X-063	Cross recessed pan head tapping screw ST3.5×20
31	DC-753X-031	Motor rubber pad	64	DC-753X-064	2.5-inch caster
32	DC-753X-032	Motor	65	DC-753X-065	Flat washer 6
33	DC-753X-033	Hexagon head bolt M8×16	66	DC-753X-066	Cross recessed pan head screw M6×10

TROUBLESHOOTING

TO PREVENT INJURY TO YOURSELF or damage to the machine, turn the switch to the **"OFF"** position and unplug the power cord from the electrical receptacle before making any adjustments.

PROBLEM	LIKELY CAUSE(S)	SOLUTION(S)
Dust extractor does not adequately collect dust or chips; poor performance.	1. Collection bag full. 2. Canister filter clogged or at fault. 3. Ducting blocked or restricted. 4. Dust collector too far away from point of suction. Duct clamps not properly secured. Too many sharp bends in ducting 5. Lumber is wet and dust is not flowing smoothly through ducting. 6. Ducting has one or more leaks, or too many open ports 7. Not enough open branch lines at one time, causing velocity drop in main line. 8. Ducting and ports are incorrectly sized. 9. The machine dust-extraction design inadequate 10. Dust collector undersized	1. Empty collection bag. 2. Clean canister filter or replace canister filter. 3. Remove ducting from dust collector inlet and unblock restriction. A plumbing snake may be necessary. 4. Relocate dust collector closer to point of suction. Re-secure ducts. Remove sharp bends 5. Only process timber with less than 20% moisture content 6. Seal or eliminate all ducting leaks and close dust ports for lines not being used. 7. Open 1 or 2 more blast gates to different branch lines to increase main line velocity. 8. Install correctly sized ducts and fittings. 9. Use dust-extraction hood on stand. 10. Install larger dust collector.
Dust extractor blows sawdust into the air.	1. Duct clamps or filter bag(s) are not properly clamped and secured. Ducting loose or damaged 2. Rubber gaskets or seals are loose or damaged.	1. Re-secure ducts and filter bag, making sure duct and bag clamp are tight. Tighten or replace ducting. 2. Retighten all mounting and sealing points. Replace damaged seals/gaskets.
Loud, repetitious noise, or excessive vibration coming from dust extractor (non-motor related).	1. Dust extractor not on a flat surface and wobbles. 2. Impeller damaged and unbalanced 3. Impeller loose on the motor shaft.	1. Stabilize dust collector. 2. Inspect and replace. Secure impeller. 3. Replace motor and impeller as a set if motor shaft and impeller hub are damaged.

5 YEAR WARRANTY

WARRANTY

- A. We warrant that this Carbatec product will be free from defects caused by faulty workmanship or faulty materials for a period of 5 years from date of sale.
- B. This warranty is in addition to other rights and remedies you may have under a law in relation to the goods.
- C. This warranty does not apply in any of the following cases:
 - i. Defects arising from:
 - 1. fair wear and tear;
 - 2. corrosive atmosphere;
 - 3. damage or injury caused by deliberate act, lack of care or failure to comply with the recommended care and maintenance for the goods;
 - 4. improper use of the goods;
 - 5. alterations or repairs (not made by us) to the goods;
 - ii. defects arising from an event outside of our control such as fire, flood, earthquake or other natural calamity, motor vehicle or other accident, strike, civil unrest, terrorism or war;
 - iii. to accessory items such as after-market jigs, accessories or other items which are not sold or serviced by us and which are not sold with or were not included with the main unit purchased; or
 - iv. to wearable parts such as drive belts/shafts, bearings, bandsaw tyres, motor brushes, blades or abrasive belts/discs or other cutting or machining implements.
 - v. damage caused to any electrical component, where connected to a power supply outside the country for which it was designed (namely Australia or New Zealand).
- D. If this warranty applies and you have complied with the procedure below for making a claim, we will, at our election, either repair the goods (or those parts of the goods recognised as defective) or will provide a replacement within a reasonable time at our expense.
- E. If this warranty applies, the procedure for making a claim is:
 - i. you must contact us by email;
 - ii. you must include in the email the following

information:

- 1. a copy of the order or receipt for the goods;
- 2. the serial or batch number printed on the machinery manufacturing plate; and
- 3. a detailed description of the fault and how and when it arose; and
- 4. If the fault is a type covered by this warranty, we will then make arrangements with you for the return of the goods to us (for repair or replacement) at our cost using our transport providers or we may decide to attend at your premises to repair or replace the goods.
- F. Our liability (and that of our resellers) under this warranty is wholly limited to repair or replacement of the goods (or those parts of the goods recognised as defective) in accordance with the procedure above and you have no right to other compensation, costs or damages under this warranty. But this does not mean that you may not have other rights under a law in relation to the goods.
- G. If following our inspection of goods returned by you under this warranty it is found that this warranty does not apply and you are not otherwise entitled to repair or replacement by us, you must, if requested by us, reimburse our costs including parts, labour and freight.
- H. This warranty is not transferable and only the person who purchased the goods may make a claim.

Where the goods have been exported outside Australia or New Zealand, the Company may not require the Purchaser to return any allegedly faulty or defective Product for evaluation. However, the Company has the right to request the return for evaluation at purchasers cost.

STATUTORY NOTICE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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