



Woodworking machinery at its best!

WALL MOUNTED DUST EXTRACTOR OPERATING INSTRUCTIONS

MODEL: W695



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GENERAL SAFETY RULES



WARNING: Do not attempt to operate the machine until you have read thoroughly and understood completely all instructions, rules, etc. contained in this manual. Failure to comply may result in accidents involving fire, electric shock, or serious personal injury. Keep this owner's manual and review frequently for continuous safe operation.

1. Know your machine. For your own safety, read the owner's manual carefully. Learn its application and limitations, as well as specific potential hazards pertinent to this machine.
2. Make sure all tools are properly earthed.
3. Keep guards in place and in working order. If a guard must be removed for maintenance or cleaning, make sure it is properly replaced before using the machine again.
4. Remove adjusting keys and spanners. Form a habit of checking to see that the keys and adjusting spanners are removed from the machine before switched it on.
5. Keep your work area clean. Cluttered areas and workbenches increase the chance of an accident.'
6. Do not use in dangerous environments. Do not use power tools in damp or wet locations, or expose them to rain. Keep work areas well illuminated.
7. Keep children away. All visitors should be kept a safe distance
8. from the work area.
9. Make workshop childproof. Use padlocks, master switches and remove starter keys.
10. Do not force the machine. It will do the job better and be safer at the rate for which it is designed.
11. Use the right tools. Do not force the machine or attachments to do a job for which they are not designed. Contact the manufacturer or distributor if there is any question about the machine's suitability for a particular task.
12. Wear proper apparel. Avoid loose clothing, gloves, ties, rings, bracelets, and jewellery which could get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.

13. Always use safety glasses. Normal spectacles only have impact resistant lenses. They are not safety glasses.
14. Do not over-reach. Keep proper footing and balance at all times.
15. Maintain the machine in good condition. Keep the machine clean for best and safest performance. Follow instructions for lubrication and changing accessories.
16. Disconnect the machine from power source before servicing and when changing the blade.
17. Never leave the machine running unattended. Turn the power off. Do not leave the machine until it comes to a complete stop.
18. Do not use any power tools while under the effects of drugs, alcohol or medication.
19. Always wear a face or dust mask if operation creates a lot of dust and/or chips. Always operate the tool in a well ventilated area and provide for proper dust removal. Use a suitable dust extractor.

ADDITIONAL RULES FOR DUST EXTRACTORS

1. Dust extractors are frequently moved around the workshop. Make sure that mains cables and extractor hoses are positioned in such a way that they do not present a trip hazard.
2. Do not pick up pieces of metal or chunks of wood.
3. Switch off and unplug the extractor before removing the collection bag and/or filter.
4. Do not allow the collection bag to become over full.
5. When necessary, wash, thoroughly rinse and completely dry the filter bag. Using a wet or damp filter bag will reduce its efficiency as it will quickly become clogged.
6. Dispose of waste in accordance with local regulations.

Specification

Motor (induction)	550w, 240v
Flow rate (cubic metres per hour)	800m ³ /hour
Inlet diameter	100mm
Bag capacity	60 Litres
Filtration level	5 microns
Weight	20kg
Rating	Hobby
Warranty	1 Year

Rating Description

Hobby: Suitable for Weekend DIY'ers and woodworking enthusiasts. Generally lighter weight machines with lower power ratings and smaller tooling capacities. Typically only ever used by one person for short periods of time or longer periods of time infrequently. Machinery should be well maintained in a clean, dry environment such as a home workshop, garage or timber shed. **Expected maximum use of 100 hours annually.**

Please Note: Using a product in excess of its rating will void the manufacturers free warranty.

Unpacking



Open the carton and carefully unpack all of the contents.



Familiarise yourself with the parts and take the time to read these instructions.

Assembly



Leave all bolts finger tight until each castor is fitted.

Place the machine on its back and bolt one of the castors to the base plate, using 4 domed head bolts with a washer and nut on the underside. Note that the longer edge of the fixing plate should be horizontal.



Continue with the remaining three castors.



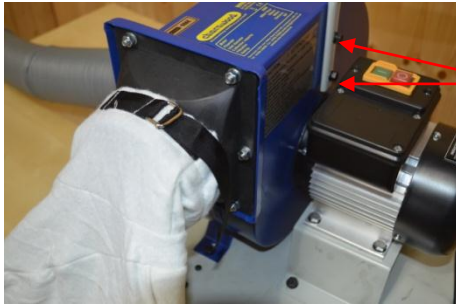
Stand the machine on its castors, place two 6mm hex head bolts through the top holes in the collector body inlet and slip the rubber gasket over them.

Fit the plastic adaptor over the bolts and secure with a washer and nut. Leave the nuts finger tight only until all 6 bolts are in position.



Tighten all 6 nuts on the adaptor plate.

Attach the extraction hose and secure it with the clamp.



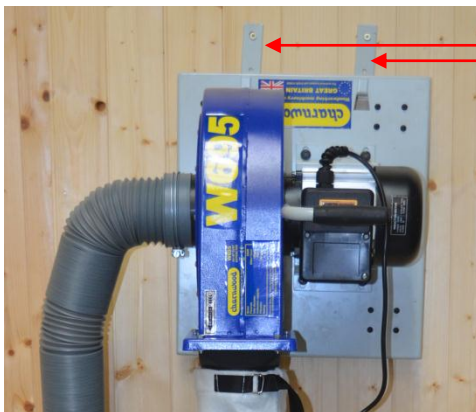
Take two hex head bolts, fit a spring washer and a flat washer over them, then use them to fix the carrying handle to the side of the fan housing.



Fit the dust collection bag over the round outlet and secure it in place with the built in strap.

The extractor is now ready for use in its horizontal mode.

Note: the dust bag has a zip at the end, to facilitate emptying. Make sure that it is zipped closed before using the machine.



There are two wall brackets supplied with this extractor. Attach these to a suitably strong wall, using appropriate fixings. The Extractor can then be wall mounted by hooking the two cut outs in the base over the wall brackets. The castors can be left in place, allowing the unit to be quickly dismantled and moved when required.

Using the Extractor

The W695 extractor is designed to collect wood dust, chips and shavings from the cutting tool, transport it into the collection bag, and filter the clean air out.

The W695 can be used whilst wall mounted making it a very compact unit. It can also be used in the horizontal mode, such as underneath a work bench.

Because this is a single bag machine, the same bag acts as collector and filter. The bag should therefore be emptied when it is 50% full. Otherwise there will not be enough surface area to act as a filtration medium and performance will be impaired.

To empty the bag, open the zipper at the bottom and tip it into a bin liner for disposal.

The hose supplied has a 100mm diameter cuff on the end. For many woodworking machines the hose will simply push onto the outlet. For smaller machines and bench

top machines it may be necessary to fit a reducing cone to adapt to a smaller diameter outlet. Whenever possible the diameter of any connector or additional hose used should be kept as large as possible. Bear in mind the machines performance is reduced whenever the airflow is restricted.

Charnwood have a large range of connectors and reducers available for this.

Always switch the extractor on before starting the dust producing machine. Allow the extractor to run on for a few moments after the other machine is switched off which will allow the hose line to clear.

Charnwood W695 Parts List

Item	Part	Item	Part
01	5 micron filter bag	22	Self tapping screw 3.5 x 15mm
02	Nut M6	23	Self tapping screw 4.2 x 8mm
03	Washer 6mm	24	Switch housing
04	Connector	25	Washer
05	Rubber Gasket	26	Strain relief
06	Bolt M6 x 20mm	27	Mains cable
07	Plate	28	Motor mounting bracket
08	Set screw M8 x 10mm	29	Washer
09	Fan	30	Nut M5
10	Washer	31	Castor
11	Seal	32	Base
12	Fan housing front cover	33	Nut M8
13	Set screw M5 x 10mm	34	Spring washer M8
14	Set screw M4 x 12mm	35	Motor 550w
15	Inlet connector	36	Spring washer M6
16	Spring washer 4mm	37	Sleeve, handle
17	Nut M4	38	Handle
18	Bolt M6 x 20 mm L H thread	39	Switch box cover
19	Set screw M8 x 16mm	40	Switch mounting
20	Washer 6 mm	41	Switch
21	Fan housing	42	Wall Bracket

CHARNWOOD W695 EXPLODED VIEW

