

AXMINSTER

PROfessional

AP340E 3HP


Dust Extractor



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EU Declaration of Conformity

<p>Cert No: CT-90HCK</p> <p>Axminster Tool Centre Ltd Axminster Devon EX13 5PH UK axminstertools.com</p> <p>declares that the machinery described:-</p> <table border="1"> <tr> <td>Type</td> <td>Dust Extractor</td> </tr> <tr> <td>Model</td> <td>AP340E</td> </tr> </table> <p>Signed </p> <p>Andrew Parkhouse Operations Director</p> <p>Date: 03/05/2016</p>	Type	Dust Extractor	Model	AP340E	<p>EU Declaration of Conformity</p> <p>This machine complies with the following directives:</p> <p>2006/42/EC 2014/35/EU EN ISO 12100:2010 EN 60204-1:2006+A1:2009+AC:2010</p> <p>and conforms to the machinery example for which the EC Type-Examination Certificate No 1002-CI-32016/META-2016002-A1 has been issued by META INTERNATIONAL CO., LTD at: No. 117, In. 400.sec.3, Yatan td., Daya Dist., Taichung City 428, Taiwan and complies with the relevant essential health and safety requirements.</p>
Type	Dust Extractor				
Model	AP340E				

The symbols below advise the correct safety procedures when using this machine.



Fully read manual and safety instructions before use



Ear protection should be worn



Eye protection should be worn



Dust mask should be worn

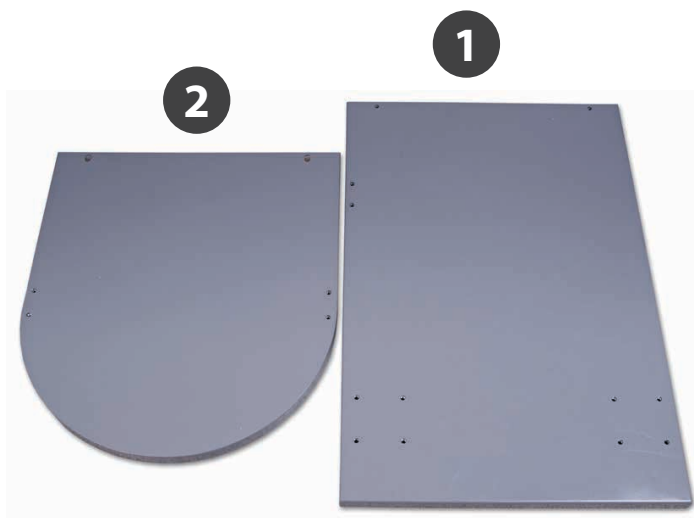


HAZARD

Quantity	Item	Part	Model Number
			AP340E
Extractor Parts			
1	Rectangular Base (Part A)	1	
1	Rectangular Base (Part B)	2	
3	Tube Support Handle	3	
2	Upright Supports	4	
2	Dust Deflector with Bracket	5	
1	Inlet Manifold	6	
1	Tube Handle	7	
2	Wheels	8	
2	Filter Bag Retaining Belts	9	
4	Castor Wheels	10	
2	Filter Dust Bags	11	
1	Collector Assembly	12	
1	Extractor Assembly	13	
2	Filter Cartridge	14	
2	Shaker Paddle Operating Handles	15	
2	Filter Assembly Retaining Belts	16	
2	Foam Seal Bands	17	
1	Instruction Manual		
Extractor Fixings			
2	Bags Containing:		18
1	5mm Hex Key		a
1	10-12mm Spanner		b
2	1/2" Locking Nuts		c
2	Nylon Washers		d
2	Thin Washers		e
2	Larger Washer		f
1	Small Phillips Screw		g
30	5/16" UNC Hex Bolts (Short)		h
4	5/16" UNC Hex Bolts (Long)		i
4	5/16" UNC Nuts		j
8	5/16" UNC Hex Bolts, Large Washers & Nuts		k
2	UNC Hex Countersink Screws		l
2	1/2" Large Hex Bolt		m

NOTE: Please read the Instruction Manual prior to using your new machine. As well as the operating procedures for your new machine, there are numerous hints and tips to help you to use the machine safely and to maintain its efficiency and prolong its life. There is also a detailed

description of the parts of your Extractor, which will enable you to become familiar with terminology we will use in this manual. Keep this Instruction Manual readily accessible for any others who may also be required to use the machine.

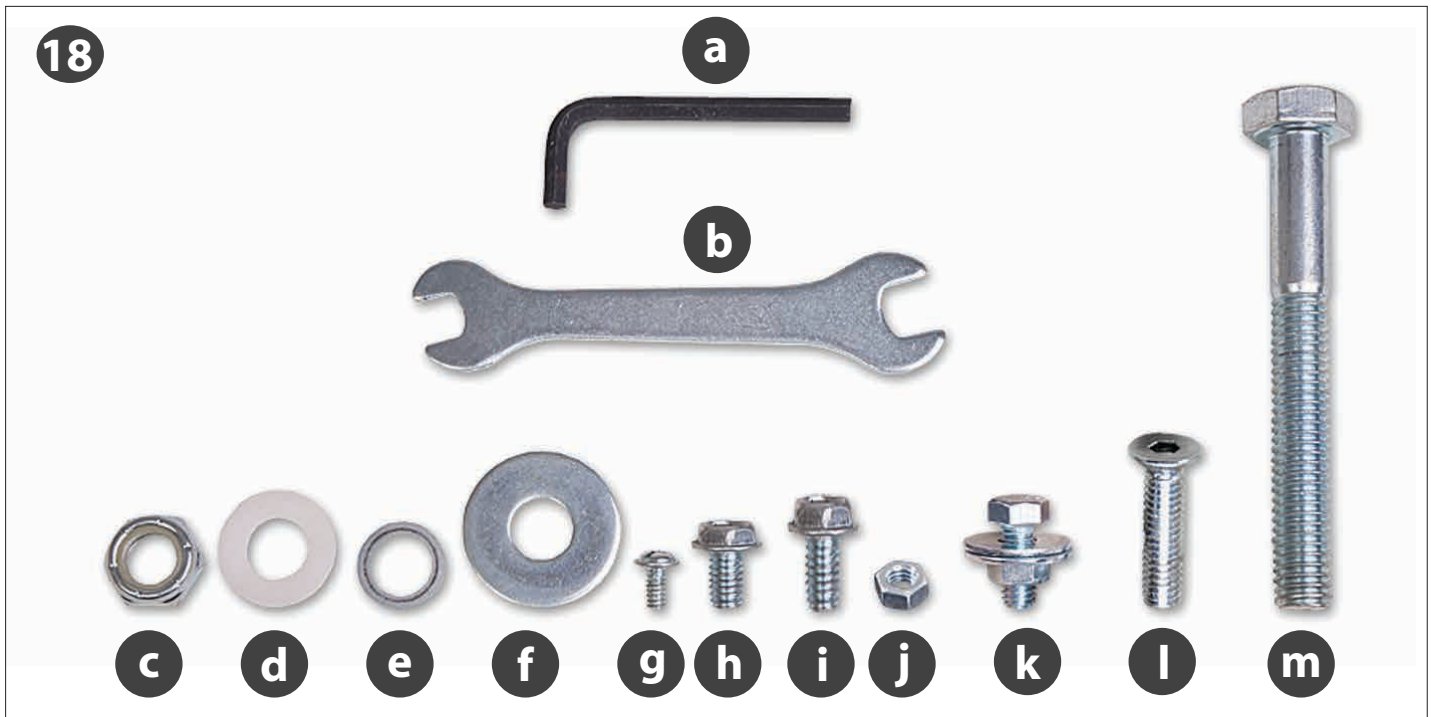


What's Included





What's Included



General Instruction for 230V Machines

The following will enable you to observe good working practices, keep yourself and fellow workers safe and maintain your tools and equipment in good working order.



WARNING!! KEEP TOOLS AND EQUIPMENT OUT OF REACH OF YOUNG CHILDREN



KEEP WORK AREA AS UNCLUTTERED AS IS PRACTICAL. UNDER NO CIRCUMSTANCES SHOULD CHILDREN BE ALLOWED IN WORK AREAS.

Mains Powered Tools

- Tools are supplied with an attached 13 Amp plug.
- Inspect the cable and plug to ensure that neither are damaged. Repair if necessary by a suitably qualified person.
- Do not use when or where it is liable to get wet.

Workplace

- Do not use 230V a.c. powered tools anywhere within a site area that is flooded.
- Keep machine clean.
- Leave machine unplugged until work is about to commence.
- Always disconnect by pulling on the plug body and not the cable.

- Carry out a final check e.g. check the cutting tool is securely tightened in the machine and the correct speed and function set.
- Ensure you are comfortable before you start work, balanced, not reaching etc.
- Wear appropriate safety clothing, goggles, gloves, masks etc. Wear ear defenders at all times.
- If you have long hair wear a hair net or helmet to prevent it being caught up in the rotating parts of the machine.
- Consideration should be given to the removal of rings and wristwatches.
- Consideration should also be given to non-slip footwear etc.
- If another person is to use the machine, ensure they are suitably qualified to use it.
- Do not use the machine if you are tired or distracted
- Do not use this machine within the designated safety areas of flammable liquid stores or in areas where there may be volatile gases.
- Check cutters are correct type and size, are undamaged and are kept clean and sharp, this will maintain their operating performance and lessen the loading on the machine.
- **OBSERVE....** make sure you know what is happening around you and **USE YOUR COMMON SENSE.**

Specific Safety for Dust Extractors

DO NOT use this machine as a vacuum cleaner, try to keep the waste medium to wood by-products.

DO NOT uplift workshop floor debris (stones, nails, screws, paper etc., etc). Be aware that wood dust is an explosive medium.

DO NOT allow any 'naked light' source to occur anywhere near the machine. This includes cigarettes, matches, etc, and do not place the machine near any unprotected light bulbs, that could possibly get broken.

The suction force is generated by a high speed fan unit. This has the potential to amputate fingers, grab loose clothing (ties etc.,) and 'bat' large chips etc, at high speeds. Keep all guarding in place, and if access to the fan becomes necessary (due to blockage etc.,) Disconnect the machine from the mains supply and ensure the fan has come to a complete stop before putting your hands anywhere near to it.

If you are not using 'clear' extraction hose, periodically remove the hose to check that the inlet to the machine is not getting restricted. (The safety guard grill of the inlet duct can be particularly irksome in this way, as long strand shavings etc., can wrap around the grill fret.)

KEEP the particle filter clean. The machine relies on its ability to 'blow' air through the filter, to generate good suction. If the particle filter starts to clog, this reduces the air flow and hence the machine becomes less efficient.

The particle filter can be cleaned, by using an 'M' class vacuum cleaner, clean the inside of the filter.

BE AWARE that in dry air periods or areas, the movement of the air through the machine can generate static electric fields. These are not normally a problem as the machine is bonded together via its construction and the whole is earthed back through the electrical supply; problems can occur with isolated items, such as stands or hosing that are insulated from the ground (standing on rubber feet?, suspended in the air etc). If possible, try to connect everything together electrically, to eliminate static shocks.

(Use the integral metal coil in flexible hosing to connect the units together).

Try to route the power cable and the hosing away from busy walkways.



ONLY USE DUST EXTRACTION BAGS WITH THIS MACHINE NOT DOMESTIC WASTE BAGS!



DO NOT PLACE DUST EXTRACTION BAGS OVER THE FILTER ASSEMBLY!

Specification

Code	107634
Model	AP340E
Rating	Professional
Power	2.25kW 230V 1ph
Air Flow	3,000m ³ /hr @ 200 mm, 1,600 m ³ /hr @ 150 mm
Noise Level	75dB @ 3M
Particle Size	1micron @ 100% Efficiency
Hose Diameter	1 x 200 mm or 2 x 150 mm
Bag Capacity	170 litre x 2
Overall L x W x H	1,650 x 530 x 1,760 mm
Weight	56 kg

Assembly

Please read through the section entitled Parts Identification and Description, this will enable you to more readily identify those parts of the cyclone extractor.



Please note: some of this assembly procedure is best accomplished by two persons. Although the tasks are not impossible, some of the items are heavy and awkward, and a mishandling error could cause injury. Please think about what you are doing, your capabilities and your personal safety. We have added the 'two person symbol' to any operation that we recommend should be a two person task.

Unpack all the boxes and check all the components listed in the "What's Included" section. If any parts or components are missing, please contact our Customer Services Department using the procedures and telephone numbers listed in our catalogue.

Please note: on occasions the packing list is not strictly adhered to. Please check all the boxes, packets etc. to make sure that all the parts have been accounted for.

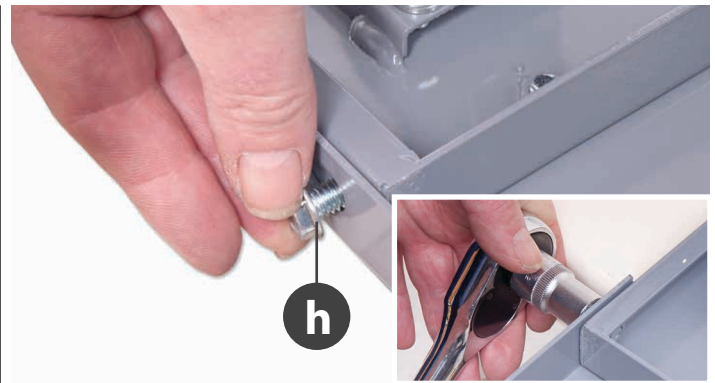
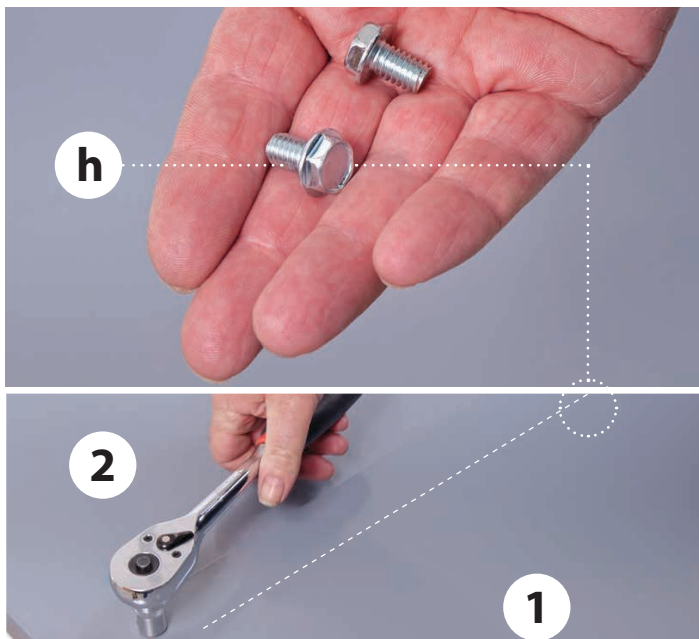


PLEASE RECYCLE ANY UNWANTED PACKAGING RESPONSIBLY!

Having unpacked the boxes, put all components where they are readily to hand.

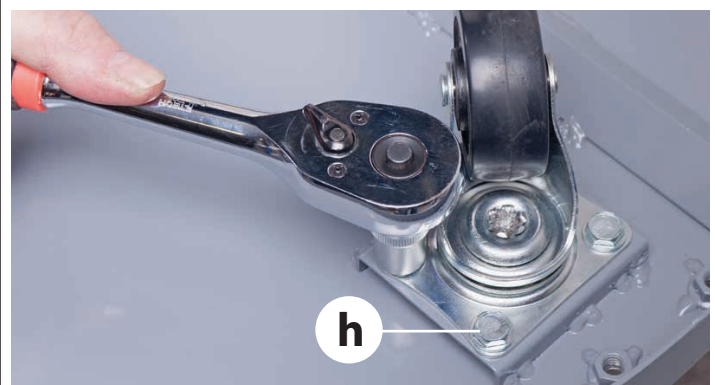
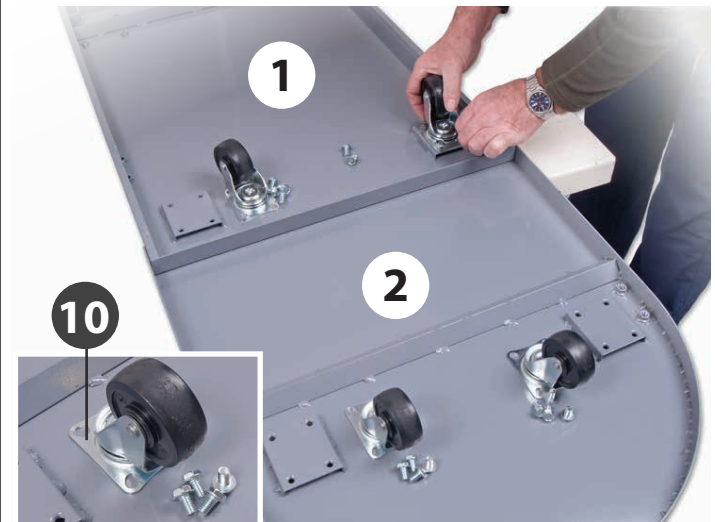
1. Locate the two extractor bases (1-2), tube support bars (3), upright supports (4), castor wheels (10) and the 5/16" unc Hex bolts (h) (short). Put the two extractor bases together and line up the pre-drilled holes. Secure the bases with four Hex bolts (h), two on top and one either side of the base assembly, see figs 01-02-03.

Fig 01-02-03



2. Turn the base assembly over, put to hand the four castor wheels (10), line up the holes in the brackets with the pre-drilled holes to the extractor's base and secure with sixteen 5/16" unc Hex bolts (h) (short), see figs 04-05-06.

Fig 04-05-06



3. Locate the two extractor wheels (8), 1/2" locking nuts (c), nylon washers (d), thin washers (e), large washers (f) and 1/2" large Hex bolts (m). Place a large washer (f) over the 1/2" Hex bolt (m) and slide the bolt through the centre hole to the front of one of the wheels (8). Turn the wheel over and slide on a nylon washer (d) then a thin washer (e) down over the thread of the Hex bolt, see fig 07-08.

4. Insert the Hex bolt thread (m) through the large pre-drilled hole to the rear of the extractor's base and secure the wheel assembly with the locking nut (c), see fig 09.

Fig 07-08

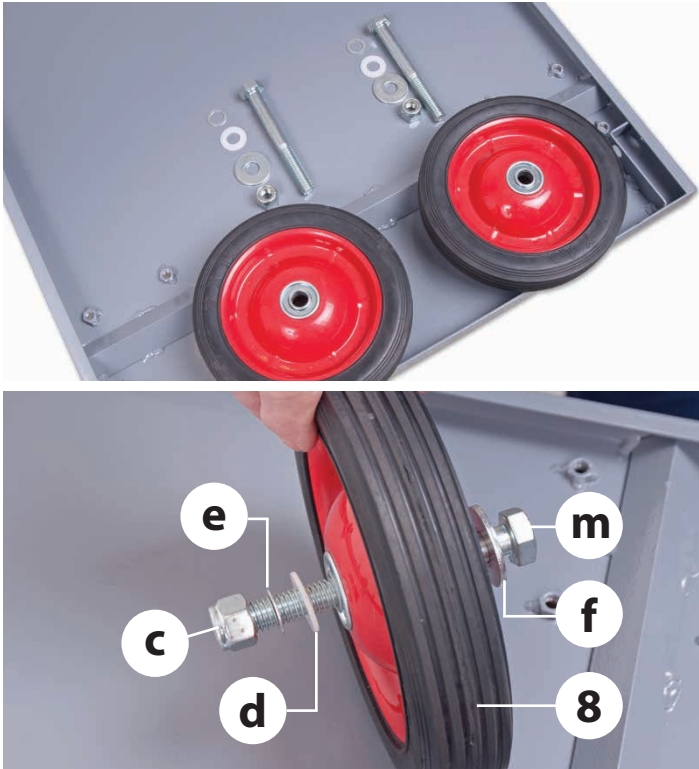


Fig 09-10



5. Repeat step 4 for the remaining wheel. Once complete, go round and securely tight the fixing then turn the assembly over, see fig 10.

Fig 11-12-13



6. Find the upright supports (4), the tube support bars (3) and fourteen Hex bolts (h) (short). Line up the four holes in the two upright supports with the threaded holes to the rear of the extractor base. Screw the hex bolts down through the upright supports into the base and lightly tighten, see fig 11-12-13.

7. Locate the tube support bars (3) and six Hex bolts (h). Line up the two pre-drilled holes in the support bars angle brackets with the holes to the sides of the base assembly, secure in place with the Hex bolts (h), see fig 14-15-16-17.

Fig 14-15



Continues Over....

Fig 16-17

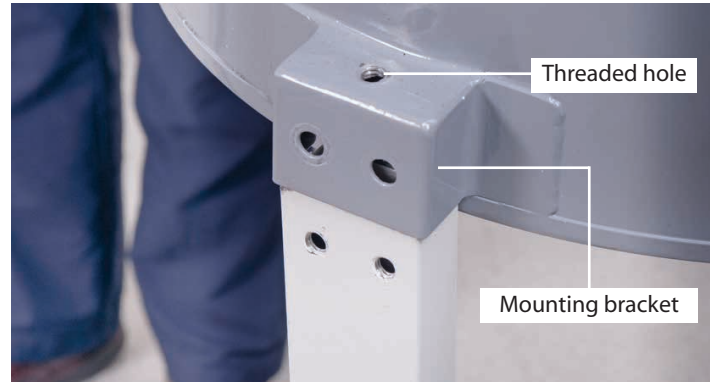
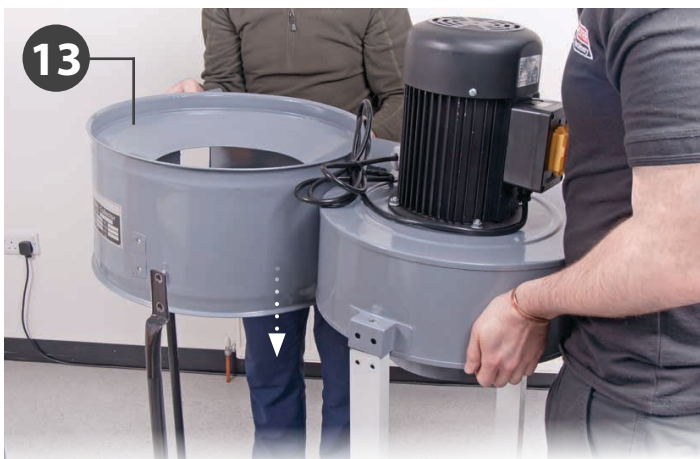


NOTE: YOU WILL REQUIRE ASSISTANCE FOR THE NEXT STEPS!

8. Locate the extractor assembly (13), four Hex bolts (h) (short) and two Hex bolts (i) (long). With assistance lift the extractor assembly (13) over the supports (3-4), lower the assembly down and insert the two upright supports (4) into the extractor's mounting brackets to either side of the assembly, see figs 18-19.

NOTE: Make sure the angle brackets to the top of the tube supports (3) are to the outside of the extractor assembly (13), not tucked inside the housing.

Fig 18-19



9. Insert four Hex bolts (h) through the extractor's mounting brackets and tighten. Line up the holes in the nearest tube support angle bracket (3) with the threaded holes to the side of the extractor's housing and secure in place with two Hex bolts (i). Securely tighten all fixings, see figs 20-21-22.

Fig 20-21-22

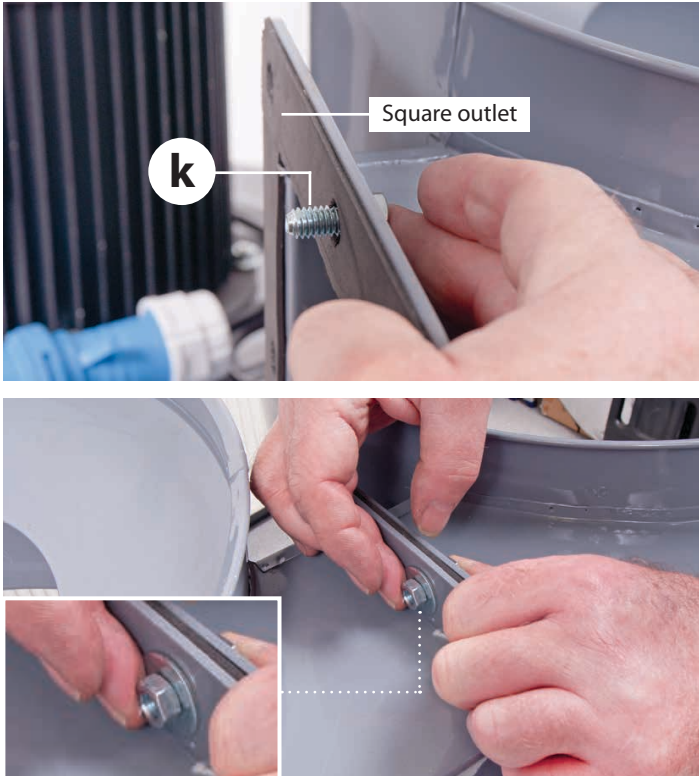


10. Locate the collector assembly (12) and eight 5/16" Hex bolt washers and nuts (k), see fig 23.

Fig 23



Fig 24-25



11. Remove the nut and washer from one of the Hex bolts (k) and place safely aside. Offer up the square outlet on the collector (12) with the outlet on the extractor assembly (13). Line up the holes, insert the Hex bolt through the top centre hole and replace the washer and nut and finger tighten. This helps to support the collector for the next step, see figs 24-25.

12. Line up the holes in the support angle bracket (3) with the threaded holes to the side of the collector assembly (12) and secure in place with two 5/16" Hex bolts (h), see fig 26.

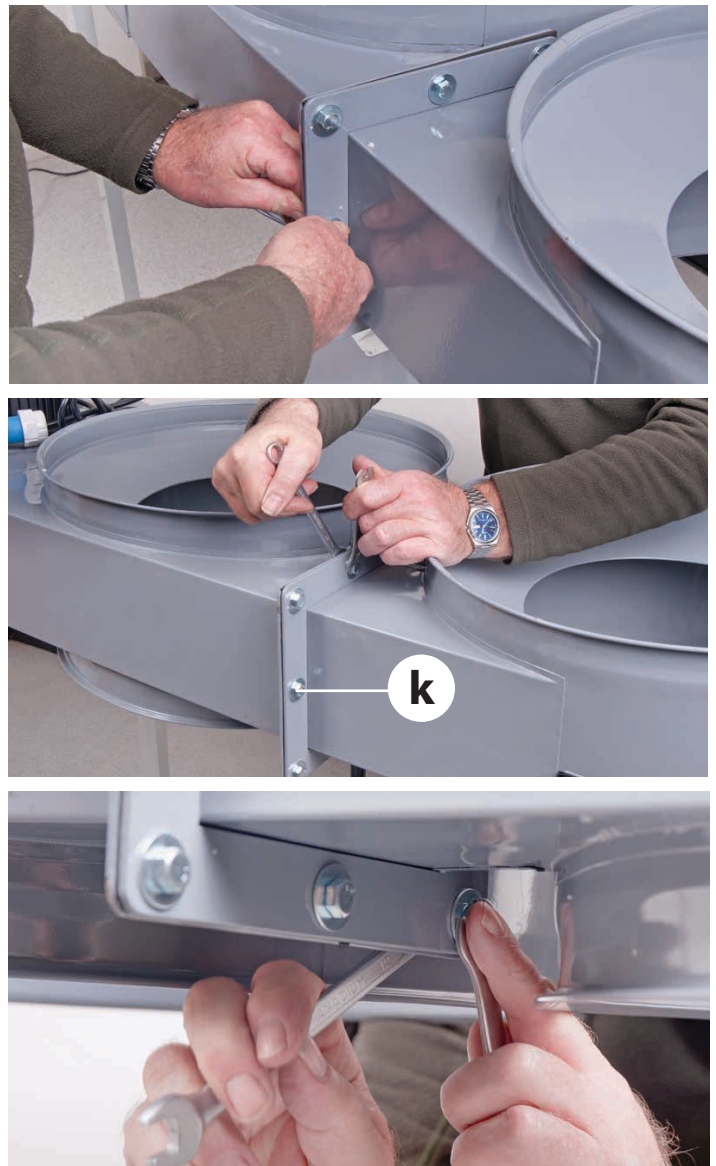
Fig 26



13. Introduce the remaining Hex bolts (k) through the seven holes in the extractor/collector's square outlets and securely tighten with two spanners, see figs 27-28-29.

14. Put to hand the tube handle (7), the two Hex countersink screws (l) and the 5mm Hex key (a). Line up the holes in the tube handle (7) with the threaded holes on top of the mounting brackets, see fig 19 introduce the countersink Hex

Fig 27-28-29



screws (l) down through the holes into the mounting brackets. Securely tighten with the 5mm Hex key, see 30-31-32.

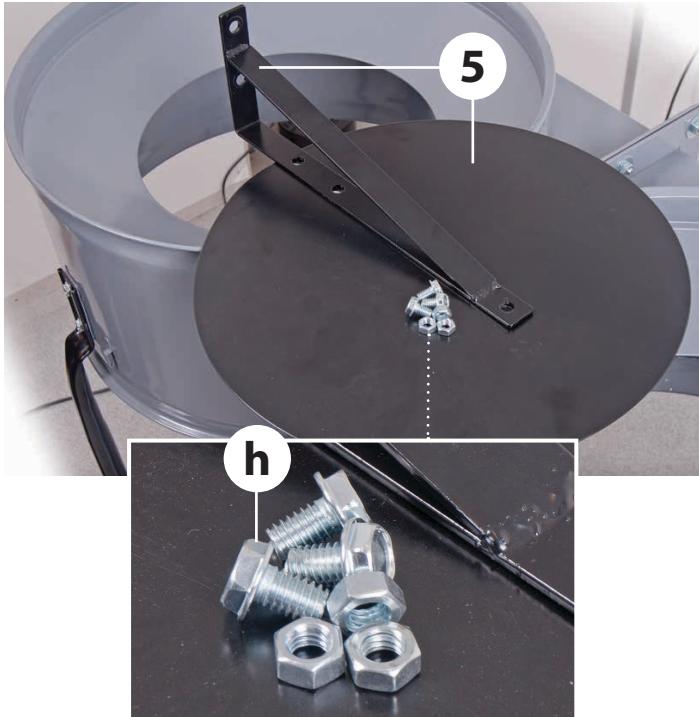
Fig 30-31-32



Assembly

15. Locate the dust deflectors and brackets (5), six Hex bolts (h) (short) and six 5/16" nuts (j). Line up the three holes in one of the brackets with the pre-drilled holes in the deflector, introduce the Hex bolts (h) through the holes and secure in place with the 5/16" nuts (j), see fig 33-34-35.

Fig 33-34-35



16. Locate two Hex bolts (i) (long) and four 5/16" nuts (j). Line up the holes in the tube support angle bracket (3) with the threaded holes to the side of the extractor's housing and secure in place with two Hex bolts (i), see fig 36-37.

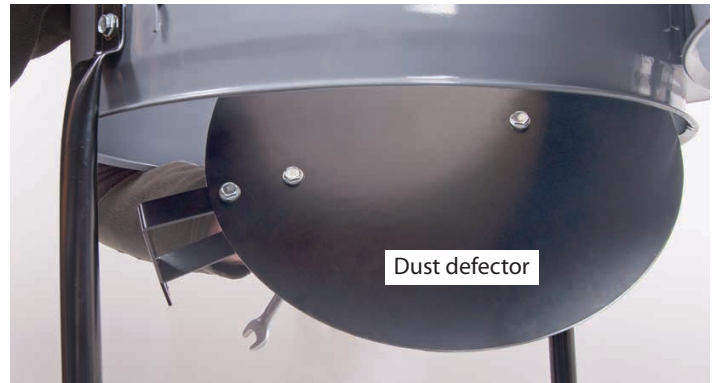
Fig 36-37



17. Slot the dust deflector assembly up through the centre of collector (12), introduce the two pre-drilled holes in the angle bracket over the threaded studs (i) and secure in place with two 5/16"nuts (j), see fig 38-39-40.

NOTE: Make sure the bracket is angled down wards.

Fig 38-39-40



18. Locate the two filter bags (11) and filter bag retaining belts (9). Open up one of the filter bags, hook the bag onto the steel hooks around the collector (12) to temporarily hold the bag in place, see fig 41.

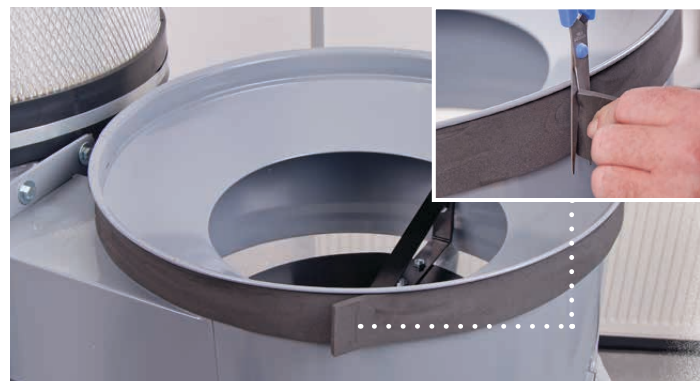
19. Rap one of the retaining belts (9) around the bag making sure the belt is settled evenly around the base of the collector. Latch the retaining belt down to hold and to seal the bag against the collector assembly, see figs 42-43.

20. Repeat steps 15-19 for the other dust collector assembly.

Fig 41-42-43



Fig 44-45-46

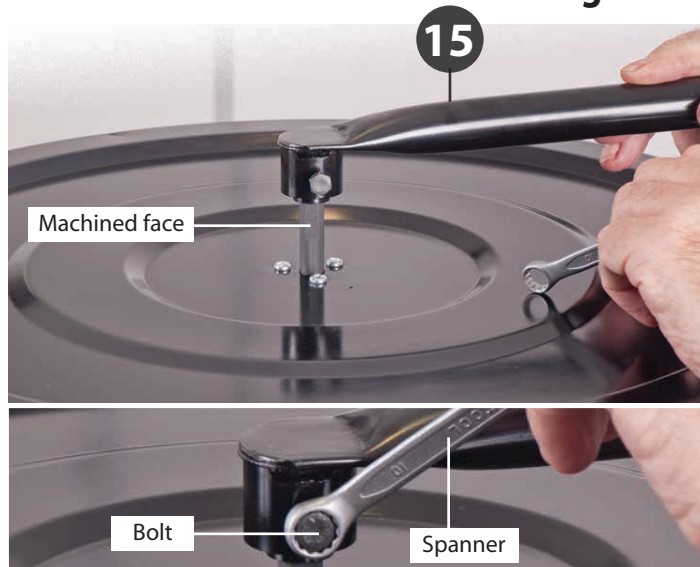


21. Put to hand one of the wide foam seal bands (17), peel back the paper backing, position the end of band up against the underside of the upper lip on the extractor housing and firmly press down to secure in place. Carefully peel back the backing guiding the seal band round the extractor until it overlaps using a pair of scissors cut off any excess, see figs 44-45-46.

22. Go around pressing down the band to make sure it's stuck firmly down. Repeat step 21 for the remaining seal band.

23. Locate the two filter cartridge units (14) and shaker paddle handles (15) insert the handle mounting over the paddle drive shafts making sure the clamping bolt is positioned over the machined face then tighten the bolts using a spanner to secure the handles in position, see figs 47-48.

Fig 47-48



Assembly

24. Lower each filter cartridge units (14) down over the extractor's openings until they are firmly down, see figs 49-50.

Fig 49-50



25. Straighten the filter retaining belts (16), position the belts around the base of the filter and latch them down to hold and to seal the filters units, see figs 51-52.

Fig 51-52



26. Locate the inlet manifold (6) and the small Phillip screw (g). Insert the manifold over the extractor's inlet and line up the threaded hole in the inlet with cutout slot in the manifold. Secure the manifold in place with the Phillips screw, see fig 53-54.

27. Finally go round and check all fixing are securely tight.

Fig 53-54

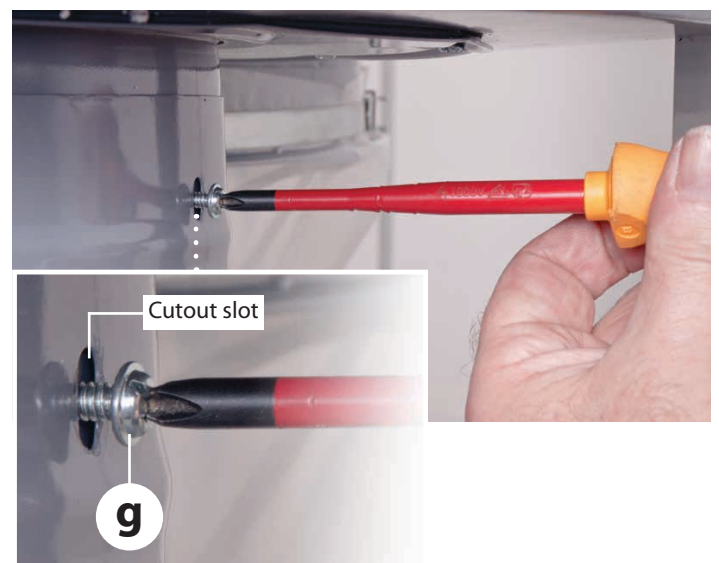


Illustration and Parts Description



Illustration and Parts Description





NVR switch assembly with (O) indicating (OFF) and (I) indicating (ON).



For emergencies "SLAP" the shroud down to "STOP" the machine.



Motor air vents



Filter retaining belt clip



Shaker paddle operating handles to remove build up of dust inside the filter cartridge

Operating Instructions

Testing the Extractor

Connect the extraction hose/s to the adaptor outlet.



WARNING!! MAKE SURE CHILDREN ARE KEPT AWAY FROM THE EXTRACTOR WHILE IN OPERATION.



CONNECT THE POWER SUPPLY TO THE MAINS AND SWITCH ON!



NOTE: ALWAYS TURN ON/OFF THE EXTRACTOR BY THE NVR CONTROL SWITCH NOT THE MAINS SWITCH!



WAIT UNTIL IT'S UP TO FULL SPEED AND CHECK FOR SIGNS OF VIBRATION, IF ALL IS WELL SWITCH OFF AND WAIT UNTIL THE EXTRACTOR HAS COME TO A COMPLETE STOP.



DISCONNECT THE POWER SUPPLY FROM THE MAINS!



IF THE EXTRACTOR FAILS TO START UP OR ANY OTHER STRANGE NOISES APART FROM VIBRATION SOUNDS, CONTACT THE "TECHNICAL SALES" FOR SUPPORT.

**Phone: 03332 406406
Email: technical@axminster.co.uk**

Reduced Suction Performance

After a period of time dust, sawdust and shavings can build-up causing blockages and reduced suction performance. Carry out the following checks to keep your extractor working at peak performance.



DISCONNECT THE POWER SUPPLY FROM THE MAINS!



WARNING! ALWAYS WEAR A DUST MASK



WARNING! ALWAYS WEAR EYE PROTECTION

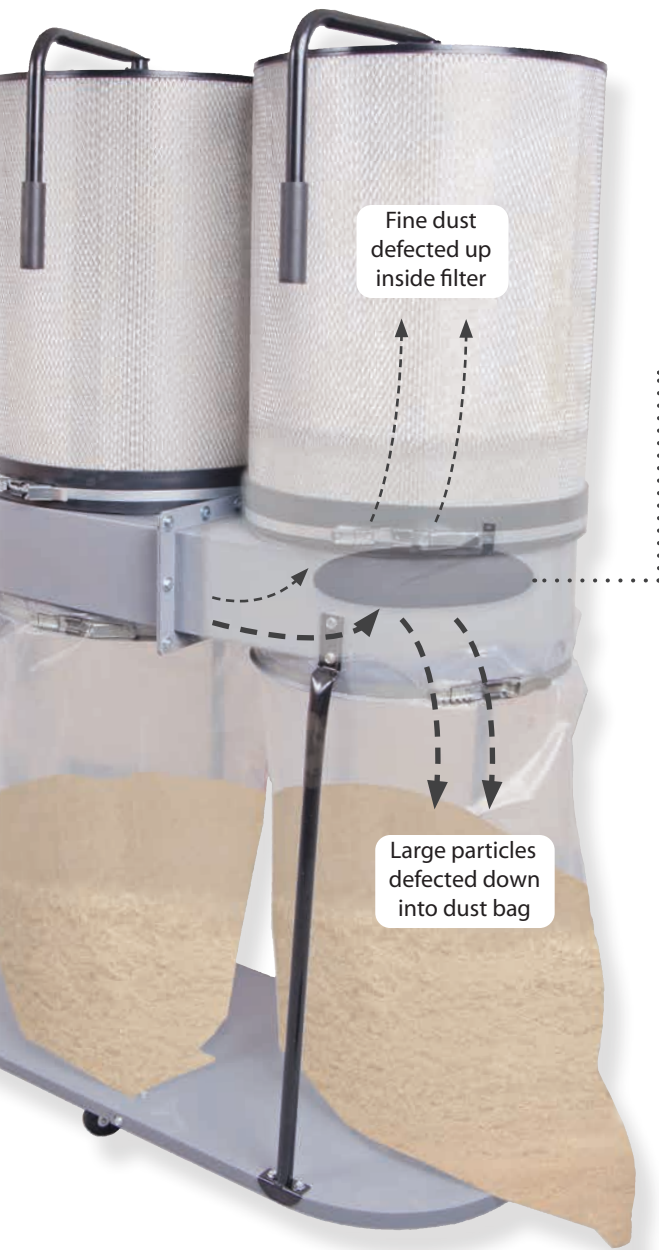
- Check the filter for signs of buildup of sawdust and move the shaker paddle handle back and forth to remove any built up dust and debris from inside, then clean the outside with a vacuum cleaner.

- Check the hoses and inlet manifold for blockages, see fig 55

- Check the dust bag and empty if full, see fig 56-57.

Fig 55-56-57





The deflector plate shown above and to the left is designed to deflect dust and large particles down into the dust bag. This helps to reduce build up of material inside the micro filter and makes it easier when cleaning.



Rotate the shaker paddles inside the filter to allow the dust collected on the filter material to be shaken loose which falls into the dust bag below.

Ducting System

General Info

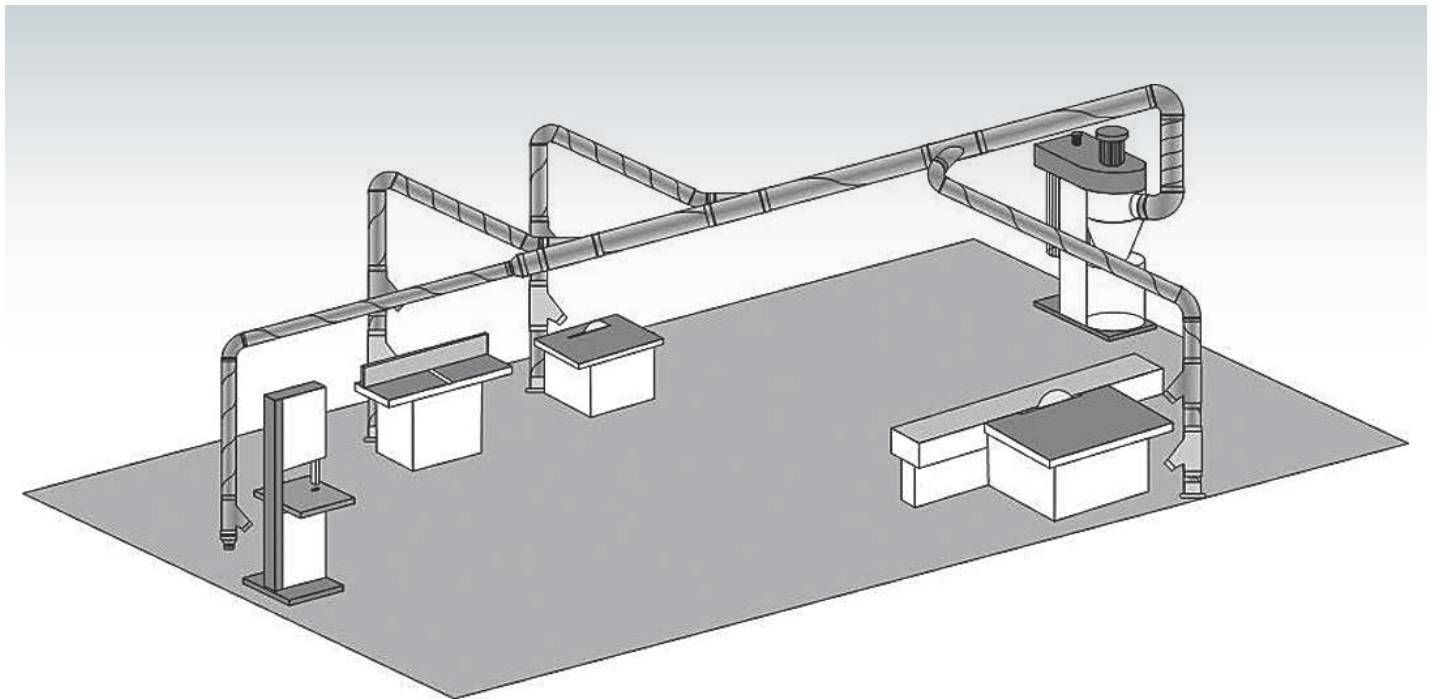
Outlet size	Volume of air required
50	200 m ³ /hr
100	700 m ³ /hr
125	1100 m ³ /hr
150	1600 m ³ /hr
200	2800 m ³ /hr

Many manufacturers will state the volume of air required for each machine in their manual. If not, note the size of the extraction port and use the chart below

Example: for a single machine with a 100mm port an extractor of a minimum of 700m³/hr will be sufficient. For multiple

machines count the number of extraction ports per size, multiply the number of each size by the volume of air required. Then add the results per outlet size to give you a total volume of air required. This total is for all the machines operating at the same time. You then must decide which and how many machines will be used at the same time. Divide the total volume of air required by this number and add 500m³/hr.

Choose an extractor that gives the airflow required by your calculations. Look at the main inlet size of the extractor, this is the size of the main duct to be used. In larger systems the ducting should get larger towards the extraction unit as more machines that are in use are added to maintain the correct air speed in the duct. This is very important; if the airflow is too low a build up of dust and debris will occur and is a fire and explosion risk. If the air speed is high then the system will be noisy but there will be no deposits in the ducting. Always use blastgates to close off airflow to machines that are not in use.



Basic Design

- Keep it simple, don't over complicate the system.
- Keep it straight, ducting runs should all be straight with as few bends as possible.
- Keep transfer duct as big as required by the extractor, this should get larger towards the extractor.
- Keep flexible duct to a minimum. If the machine cannot be connected to the system by solid ducting only then should flexible ducting be used for the final connection.

- Keep branches joining the duct to a maximum of 45° When branches join the main duct ideally they must enter at the side or the top at an angle of a maximum of 45° towards the direction of flow.
- Fit Blastgates to maximise efficiency and balance the system.

The negative pressure inside the ducting draws air into the system. Incorrect sizing of the duct, too many bends coupled to lots of flexible hose induces losses into the system and in badly designed systems this is akin to leaving the hand brake on in a vehicle.

Basic Maintenance



WARNING! ALWAYS WEAR A DUST MASK



WARNING! ALWAYS WEAR EYE PROTECTION

Daily

- Empty the collection bag before it overflows, wear a dust mask whilst removing and emptying the bag.

Weekly

- Check the inlet and outlet duct and remove any accumulated sawdust.
- Check the inlet hoses for splits and cracks, repair as necessary.
- Check the dust collection bag for wear and tear, especially around the neck of the retaining belt. If wear or fraying is occurring, replace the bag.
- Check the motor for dust, sawdust, shavings etc, build up. If this has occurred, clean with a vacuum cleaner, see fig 58.
- Move the shaker paddle handle back and forth to remove any built up dust and debris from inside the filter.

Monthly

- Remove the filter securing belt and remove the filter assembly, see fig 59 using an 'M' class vacuum cleaner, clean inside the filter.

Fig 58-59



Clean the motor housing vents



Weekly LEV System Maintenance Log

Week	Date	Checked by	Check all ducting for physical damage	Check inlets, clear any obstructions if found	Check operation of all blastgate controls	Check filter(s) for damage and condition	Check filter shakers (if fitted) and clean filters	Check waste collector(s) for damage and condition	Empty waste collectors if necessary	Comments
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										REMOVE AND CLEAN FILTERS
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										REMOVE AND CLEAN FILTERS
25										
26										
27										
28										
29										
30										
31										

Weekly LEV System Maintenance Log

Week	Date	Checked by	Check all ducting for physical damage	Check inlets, clear any obstructions if found	Check operation of all blastgate controls	Check filter(s) for damage and condition	Check filter shakers (if fitted) and clean filters	Check waste collector(s) for damage and condition	Empty waste collectors if necessary	Comments
32										
33										
34										
35										
36										REMOVE AND CLEAN FILTERS
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										REMOVE AND CLEAN FILTERS
50										
51										
52	Nearly 14 months it is now a legal requirement to have your system tested and certified									
53										
54										
55										
56										
57										
58										
59										
60										

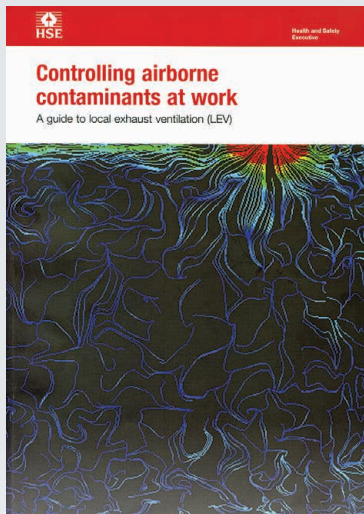
LEV Testing

Why should I bother with LEV?

The law says you must control the risks from these substances (the Control of Substances Hazardous to Health (COSHH) Regulations). Installing LEV may help you to do this.

For more information about other ways of eliminating or reducing airborne contamination at work look, at HSE's COSHH website, hse.gov.uk/coshh.

Health and Safety Executive



A guide to local exhaust ventilation (LEV)

Ref Code: HSG258

The book above provides guidance on the supply of local exhaust ventilation (LEV) equipment. It describes the principles and good practice of deciding on, designing, commissioning and testing cost-effective LEV.

The guidance is written for the suppliers of LEV goods and services, but will also be helpful for employers and managers in medium-sized businesses, and trade union and employee safety representatives. All of these groups need to work together to provide, maintain and use effective LEV and to reduce exposure from inhalation of hazardous substances.

The book contains information about the roles and legal responsibilities of suppliers and of their clients as employers; competence; principles of good design practice for effective LEV hoods and their classification; ducts, air movers, air cleaners; and system documentation with checking and maintenance schedules, and the marking of defective equipment.

It also includes guidance on the specification of LEV; the supplier's quotation; commissioning; zone marking; the user manual and logbook; testing and hood labels.

Extraction Accessories

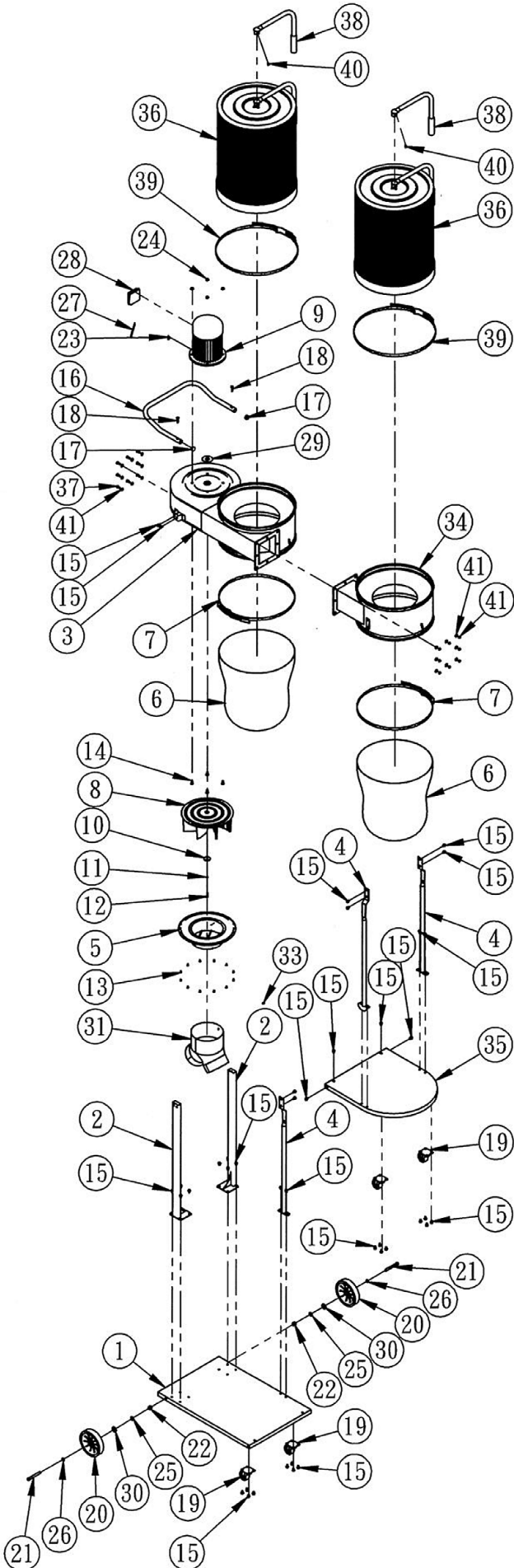


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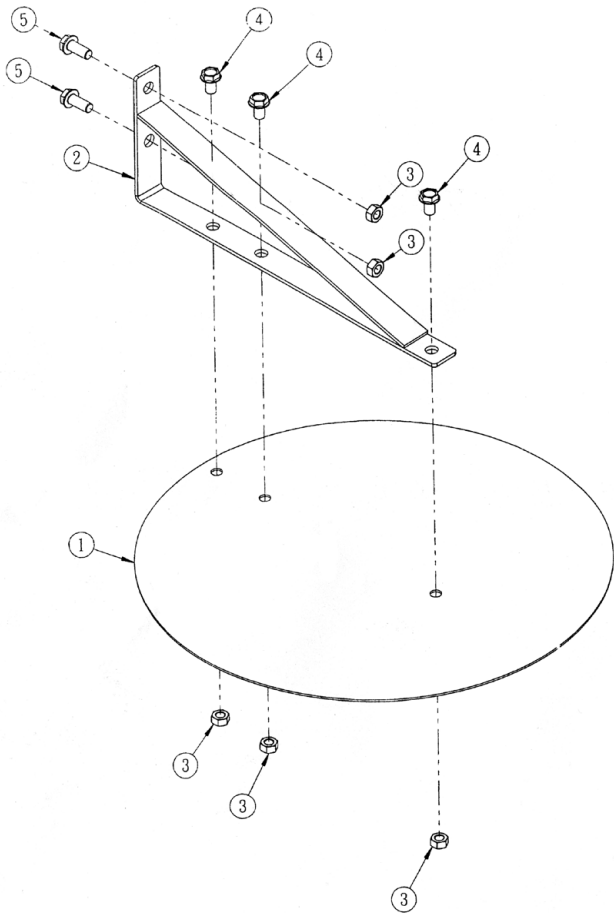
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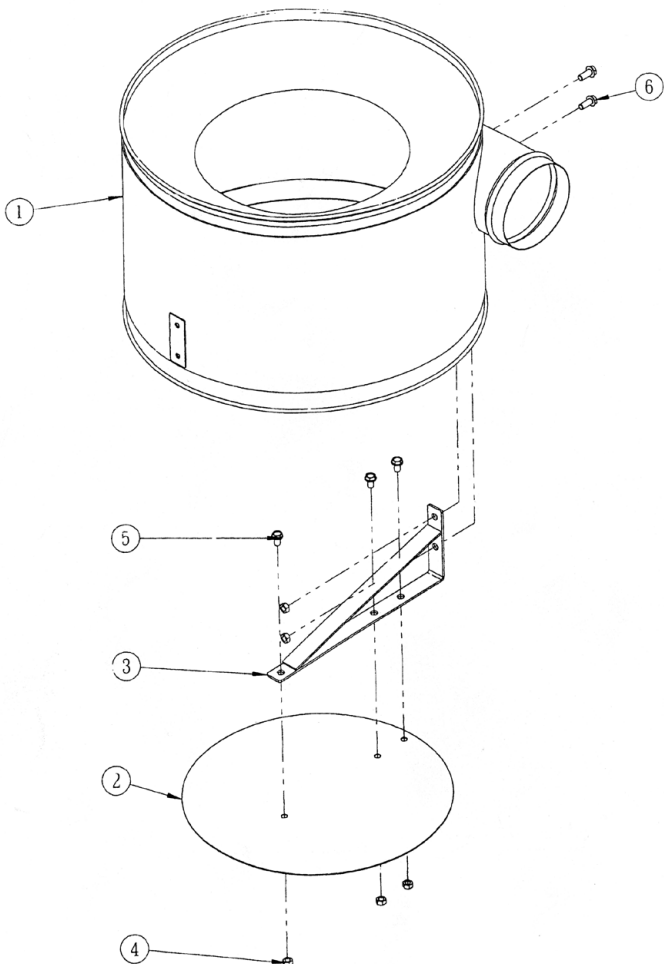
NO	DESCRIPTION	QTY
1	Front Base	1
2	Leg	2
3	Main Housing	1
4	Collector Support	3
5	Inlet Cover 8"	1
6	Dust Bag	2
7	Belt Clamp	2
8	Impeller 12-3/4"	1
9	Motor	1
10	Impeller Washer	1
11	Spring Washer 1/4"	1
12	Cap Screw M6x30mm (LH)	1
13	Phillips Screw 3/16"x3/8"	12
14	Flange Bolts 5/16"x3/4"	4
15	Flange Bolts 5/16"x1/2"	44
16	Handle	1
17	Tube Cap 1"	2
18	Hex Bolts 5/16"x1-1/4"	2
19	2.5" Caster	4
20	Bearing Wheel 7"	2
21	Hex Bolts 1/2"x 4-1/2"	2
22	Luck Nuts 1/2"	2
23	Key	1
24	Flange Nuts 5/16"	4
25	Plastic Washer	2
26	Washer 1/2"x 19	2
27	Motor Cord	1
28	Switch	1
29	Motor Packing	1
30	Washer 1/2"x34	2
31	Inlet 8"x 6"	1
33	Phillips Screw 3/16"x3/8"	1
34	Main Housing(left)	1
35	Back Base	1
36	Canister Filter	2
37	Flange Bolts 5/16"x3/4"	8
38	Canister Handle	2
39	Belt Clamp CK-500S	2
40	Hex Bolt M6x16	2
41	Nuts 5/16"	8
42	Flat Washer 5/16"x 18	16

Exploded Diagrams/Parts Lists



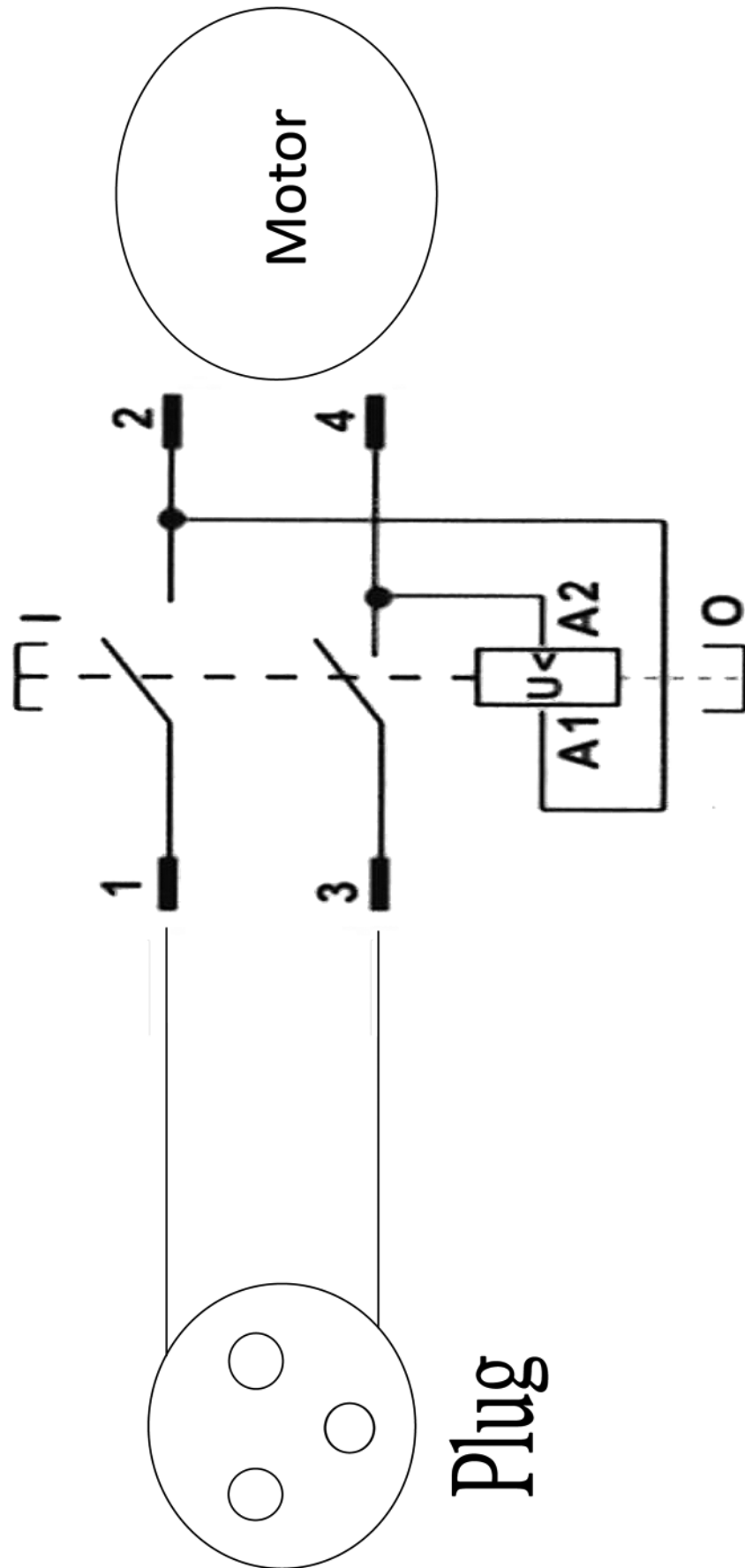
Deflector Assembly

NO	DESCRIPTION	PART NO	QTY
1	Separator	037-0599	1
2	Separator Hanger	045-0141	1
3	5/16" Hex Nut	004-0904	5
4	5/16"x 1/2" Flange Bolt	004-0481	3
5	5/16"x 3/4" Flange Bolt	004-0483	2



Deflector & Collector Units

NO	DESCRIPTION	PART NO	QTY
1	Barrel Body	009-0201	1
2	Separator	037-0599	1
3	Separator Hanger	045-0141	1
4	5/16" Hex Nut	004-0904	5
5	5/16"x 1/2" Flange Bolt	004-0481	3
6	5/16"x 3/4" Flange Bolt	004-0483	2



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