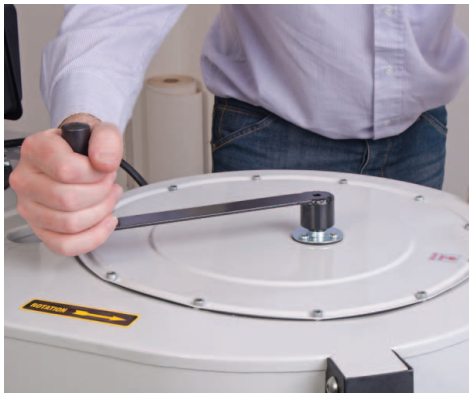
AXMINSTER Trade SERIES

Code **508338**

T-2000CK-200H 2hp
Cyclone Extractor



AXMINSTER • 3 • THREE YEAR GUARANTEE

AT&M: 26/03/2015
REF: 508500

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Declaration of Conformity

Copied from CE Certificate

The undersigned, George N. Sifonios

Authorised by META INTERNATIONAL CO., LTD
NO. 38-46, Ya Tan Rd., Ta Ya Hsiang. Taichung Hsien,
Taiwan, R.O.C.,

Model Number T-2000CK (Dust Collector)

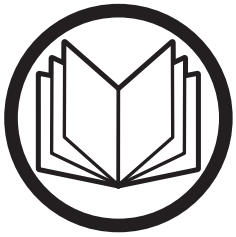
Manufactured by META INTERNATIONAL CO., LTD
is in compliance with the standards determined in the
following Council Directive.

Applicable Directive: 2006/42/EC

Applicable Standards: EN ISO 12100-1:2003+A1:2009,
EN ISO 12100-2:2003+A1:2009

Warning

The symbols below advise that you follow 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
Motor gets hot

Quantity	Item	Part	Model Number
1 No	T-2000CK-200H Cyclone Extractor		
1 No	Motor Assembly	1	
4 No	Upper Leg Square Tubes	2	
4 No	Lower Leg Square Tubes	3	
2 No	Long Cross Support Brackets	4	
2 No	Short Cross Support Brackets	5	
4 No	Leg Bracket Connectors	6	
1 No	Extractor Drum	7	
1 No	Flexible Hose	8	
1 No	Bin	9	
1 No	Bin Cover	10	
1 No	Filter Lid (Air Filter Cartridge)	11	
1 No	Extraction Funnel	12	
1 No	Inlet Manifold	13	
1 No	Air Filter Cartridge	14	
1 No	Shaker Paddle Operating Handle	15	
1 No	Operating Handle Extension Bar	16	
1 No	Manometer	17	
1 No	Manometer Hose	18	
2 No	Dust Bags	19	
1 No	Bin Handle	20	
4 No	Castor Wheels	21	
4 No	Bin Castor Wheels	22	
1 No	Dust Bag Securing Belt	23	
2 No	Large and Small Clips	24	
3 No	Bin Lever Clamps with Phillips Screws and Nuts	25	
1 No	6-7 and 10-12mm Spanners	26	
1 No	4-5mm Hex Keys	27	
	Cyclone Extractor Fixings		
6 No	1/4" Nuts	a	
2 No	1/4" Domed Head Nuts	b	
1 No	M6 x 12mm Bolts	c	
27 No	No: 10 ANC Cap head Screws	d	
48 No	5/16" Button Head Bolts	e	
2 No	1/4" Button Head Phillips Screws	f	
6 No	1/4" Hex Bolts	g	
8 No	5/16" Hex Bolts	h	

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.

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What's Included

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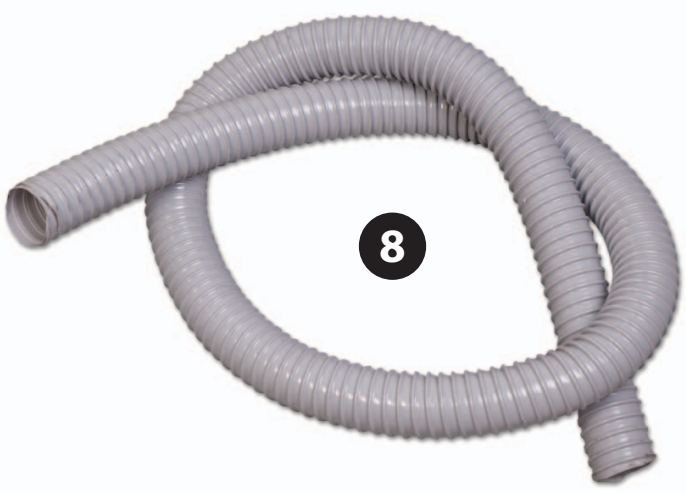

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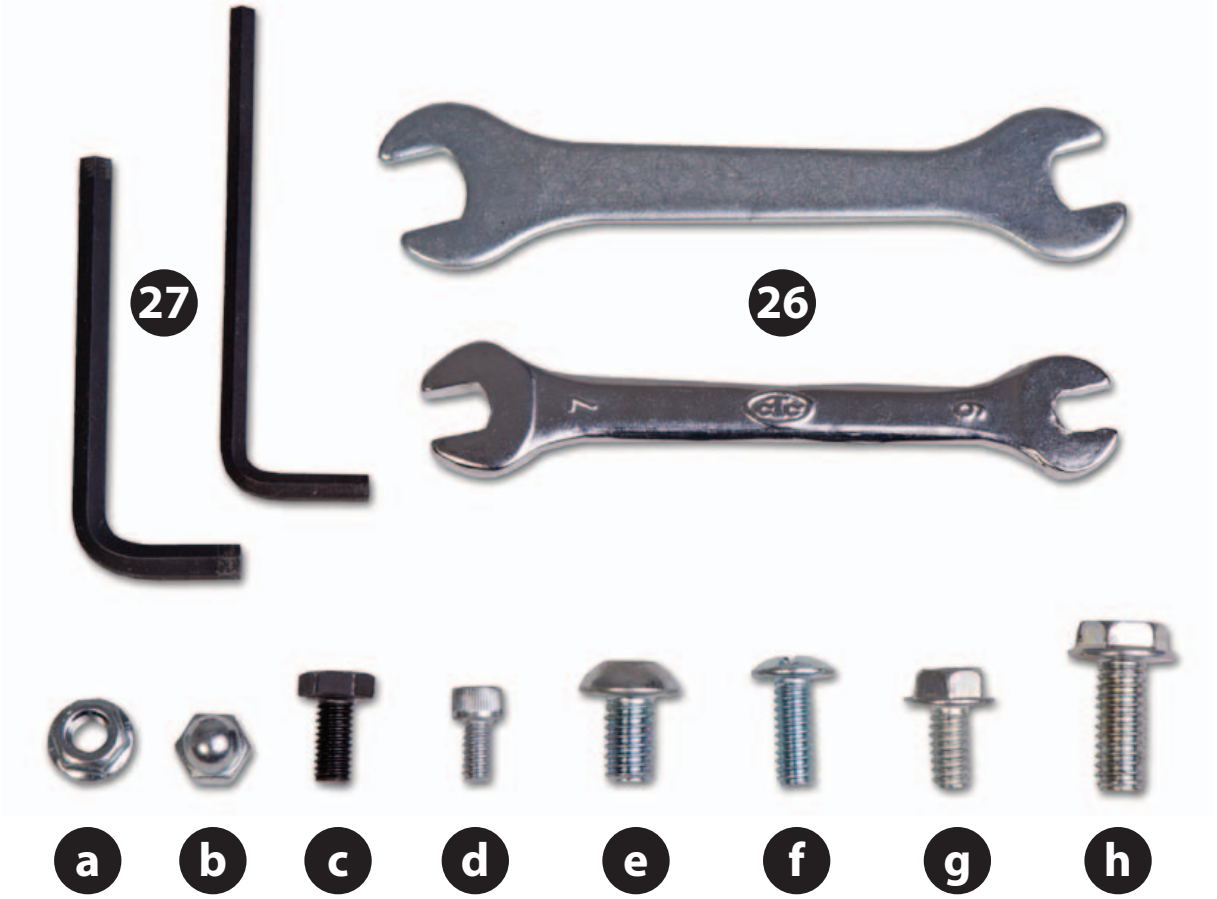
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Good Working Practices/Safety

The following suggestions 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 THE REACH OF YOUNG CHILDREN

Mains Powered Tools and Machines

Primary Precautions

These machines are supplied with a moulded 16 Amp plug and 3 core power cable. Before using the machine, inspect the cable and the plug to make sure that neither are damaged. If any damage is visible, have the damaged item inspected/repaired by a suitably qualified person. If it is necessary to replace the plug, it is preferable to use an 'unbreakable' type that will most resist damage. Only use a 16 Amp plug, and make sure the cable clamp is tightened securely. Fuse as required. If extension leads are to be used, carry out the same safety checks on them, and ensure that they are correctly rated to safely supply the current that is required for your machine. Remember, most machines or tools have handles or holding positions, the power cable is not one of them.

Workplace/Environment

The machine is not designed for use outside. Keep the machine clean; it will enable you to more easily see any damage that may have occurred. Clean the machine with a damp soapy cloth if needs be, do not use any solvents or cleaners, as these may cause damage to any plastic parts or to the electrical components. It is good practice to leave the machine unplugged until work is about to commence, also make sure to unplug the machine when it is not in use, or unattended. To avoid inadvertent 'start up', if your machine is not fitted with a

KEEP THE WORK AREA AS UNCLUTTERED AS IS PRACTICAL, THIS INCLUDES PERSONNEL AS WELL AS MATERIAL. UNDER NO CIRCUMSTANCES SHOULD CHILDREN BE ALLOWED IN WORK AREAS.

NVR system, ensure the switch is always returned to the OFF position. Once you are ready to commence work, remove any tools, objects or items that could inadvertently get 'sucked up' by the machine and place safely out of the way. Re-connect the machine, ensuring the power cable is not 'snagged' or routed where it could be tripped over as you move about the workshop; it is not too close to an unguarded heat source, or is laid over or around a sharp edge. If the work you are carrying out is liable to generate flying grit, dust or chips, wear the appropriate safety clothing, goggles, gloves, masks etc. If the work operation appears to be excessively noisy, wear ear-defenders. If you wear your hair in a long style, wearing a cap, safety helmet, hairnet, even a sweatband, will minimise the possibility of your hair being caught up in the rotating parts of the machine. Likewise, consideration should be given to the removal of rings and wristwatches if these are liable to be a 'snag' hazard. Consideration should also be given to non-slip footwear, etc.

Do not use this machine if you are tired, your attention is wandering or you are being subjected to distraction.

Do not use this machine within the designated safety areas of flammable liquid stores or in areas where there may be volatile gases. There are very expensive, very specialised machines for working in these areas. Above all, **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.

Continues Over....

General Safety Instructions for 230V Machines

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. This is 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 plastic hosing to connect units together).

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

Do not allow the inlet to become 'dead ended', or block or restrict the outlet, this puts undue strain on the motor and can lead to overheating.

NOTE: DO NOT FIT PLASTIC WASTE BAGS TO THIS MACHINE!

Specification

Model	T-2000CK-200H
Code	508338
Rating	Trade
Power	1.5kW (230V, 1ph)
Air Flow	2,300m³/hr
Noise Level	84dB @ 3m
Filter Area	7.4m²
Filtration	1 micron
Particle Size	1 micron
Hose Diameter	180mm x 1, 100mm x 2
Overall L x W x H	1,250 x 1,000 x 1,800mm
Weight	83kg

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.

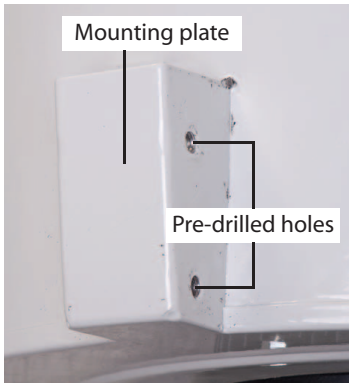
PLEASE RECYCLE ANY UNWANTED PACKAGING RESPONSIBLY!

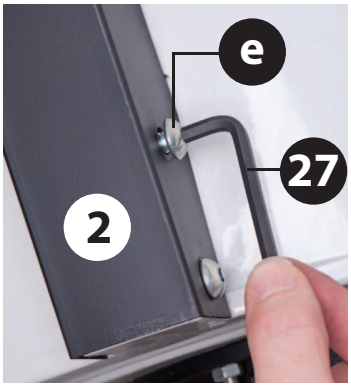
Having unpacked the boxes, put all components where they are readily to hand. Locate the motor assembly (1), the upper and lower leg square tubes (2-3), cross support brackets (4-5), leg connectors (6) and 5/16" button head bolts (e).

1. Place the motor assembly (1) upside down on the floor, see fig 01. Locate the four upper leg square tubes (2). Line up the holes in the angled end of the square tubes with the pre-drilled holes in the mounting plates to each corner of the fan assembly and secure using button head bolts (e) and 5mm Hex key (27), see figs 02-03-04.

Fig 01

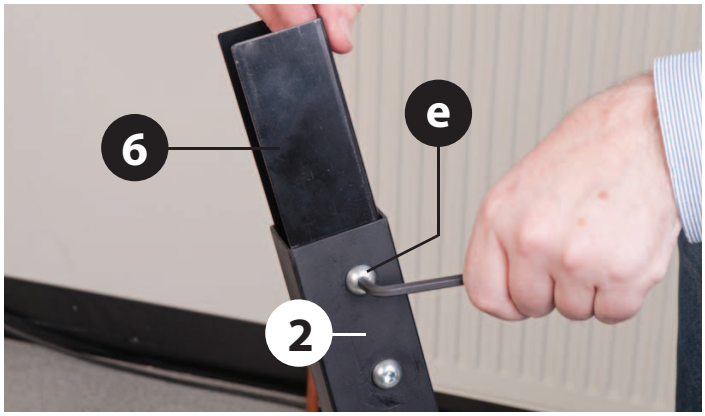
Fig 02-03-04





2. Locate the four leg bracket connectors (6) and lower leg square tubes (3). Slide the connectors down into the upper leg tubes (2), line up the lower four holes to sides of the connector (6) with holes in the leg tube and secure in place with button head bolts (e), see fig 05.

Fig 05



3. Insert the ends of each upper leg square tubes (3) down over the leg bracket connectors (6) and line up the pre-drilled holes, see figs 6-7.

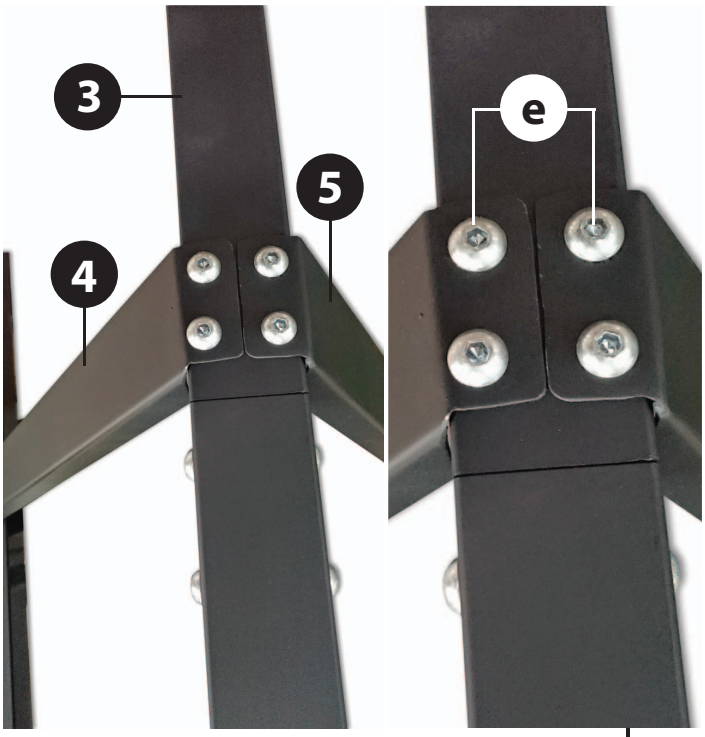
Fig 06-07

NOTE DO NOT SECURE AT THIS POINT!

Continues Over....

4. Locate the two long and short cross support brackets (4-5). Line up the pre-drilled holes in one of the cross support brackets with the pre-drilled holes to the front face of the lower leg support tubes (3). Secure using four button head bolts (e), see fig 08. Repeat for the remaining cross support brackets, see fig 09-10.

Fig 08-09-10

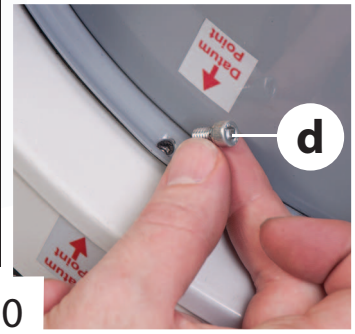


5. Locate the four castor wheels (21). Screw each castor into the threaded holes on top of legs (3), using the supplied spanner (26), tighten the nut at the base of each castor to lock the assembly in position, see fig 11-12.

Fig 11-12

6. Locate the extraction drum (7) and the No: 10 ANC Hex screws (d). Position the drum on top of the motor fan assembly (1), there are arrow marker labels on each unit, line up these labels and secure the drum (7) to the motor assembly (1) using the Hex screws (d), see 13-14-15.

Fig 13-14-15



7. Locate the extraction funnel (12). Loosen the clamping rig bolt/nut to the base of the funnel, lower the wide end of the funnel on top of the drum (7) and line up the rims. Position the clamping ring over the rims and tighten the bolt/nut to lock both units (7-12) together, see 16-17-18.

Fig 16-17-18

8. Locate the bin cover (10), 1/4 " Hex bolts (g), 1/4" nuts (a) and the supplied 10-12mm spanner (26). Place the bin cover (10) face up, on top of the funnel assembly (12). Line up the pre-drilled holes, place a Hex bolt (g) down through one of the holes and lightly secure with a 1/4"nut (a), see fig 19-20-21. Repeat for the remaining holes then fully tighten, see fig 22.

Fig 19

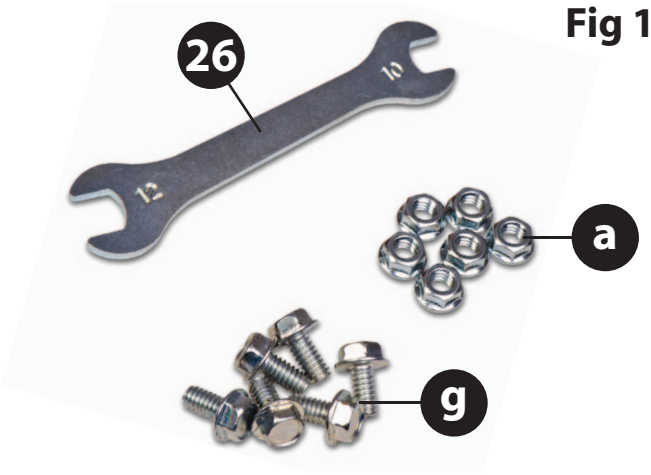
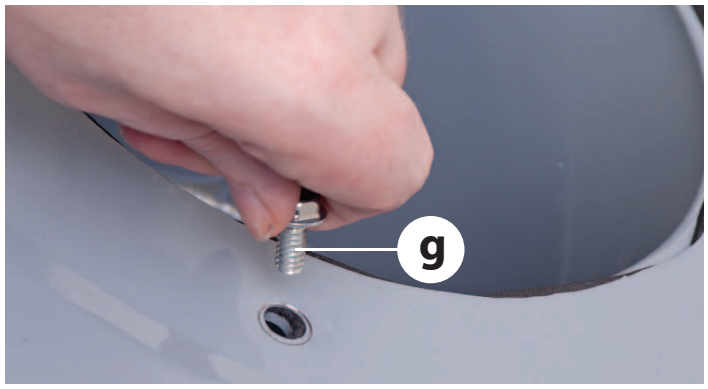


Fig 20-21-22



Continues Over....

You will require the bin (9), bin castor wheels (22), bin lever clamps with Phillips screws and nuts (25), bin handle (20), 1/4" domed nuts (b), 1/4" button head Phillips screws (f), dust bag (19), flexible hose (8) and large and small clips (24).

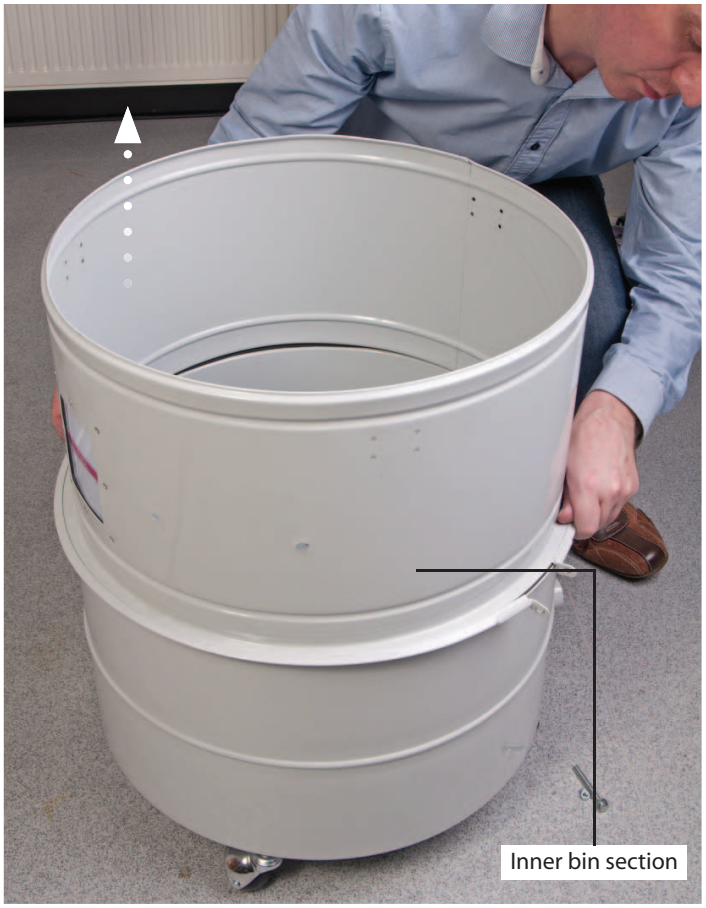
9. Turn the bin (9) on its side and screw on the four castor wheels (22) into the threaded holes to the base of the bin, tighten the nuts using the supplied 6-7mm spanner (26), see fig 23-24-25.

Fig 23-24-25

10. Turn the bin (9) upright, remove the clamping rig bolt/nut, see fig 26, place safely aside. Raise the inner section of the bin, position the clamping ring over the two rims, replace the bolt/nut and tighten to lock both units together, see fig 27-28.

Fig 26

Fig 27-28

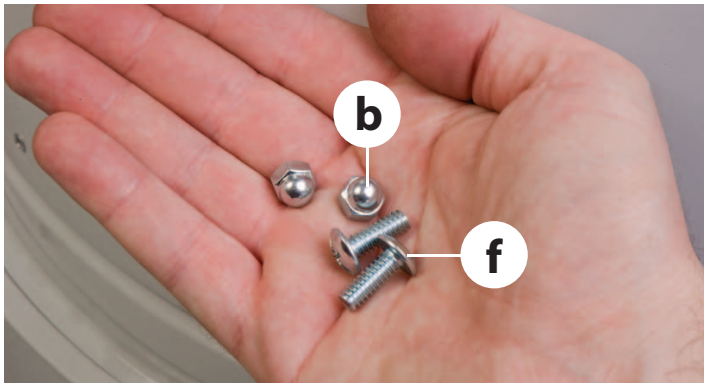


11. Locate the bin lever clamps (25) remove the four nuts and screws to one of the clamps and place safely aside. Line up the holes in the bin lever clamp assembly (25) with the four holes to the side of the bin (9), **(NOTE: make sure the lever clamp assembly is the correct way round, with the clamping lever facing down.** Replace the screws and nuts you removed earlier to secure the lever clamp in position, see fig 29-30. Repeat the process for the remaining clamps.

Fig 29-30

12. Locate the bin handle (20), button Phillips screws (f) and domed head nuts (b). Line up the threaded holes in the handle (20) with the two pre-drilled holes in the bin (9) and secure in place with the 1/4" Phillips screw (f) and nuts (b), see fig 31-32.

Fig 31-32



13. Turn the cyclone assembly upright on its wheels,

WARNING! THE MACHINE IS HEAVY YOU ARE ADVISED TO SEEK HELP!

locate the flexible hose (8) and the two large clips (24). Place a clip over one end of the hose, introduce the hose over the bins inlet manifold and tighten the clip, **DON'T OVERTIGHTEN** otherwise the hose could split, see fig 33. Place the remaining clip over the opposite end of the hose, insert the hose over the outlet manifold on the extraction drum (7) and tighten the clip, see fig 34.

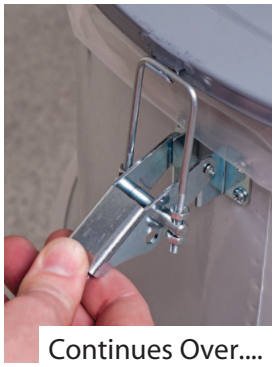
Fig 33-34

14. Locate the large dust bag (19), open the bag and place it inside the bin (9), see fig 35. **(Make sure the bag is tucked over the edge of the bin)**

Fig 35

15. Position the bin (9) beneath the bin cover (10), line up the bin lever latches (25) with the hooks on the bin cover (10), hook on the latches and press down the lever handles to raise the bin against the cover, making a tight seal, see fig 36-37.

Fig 36-37

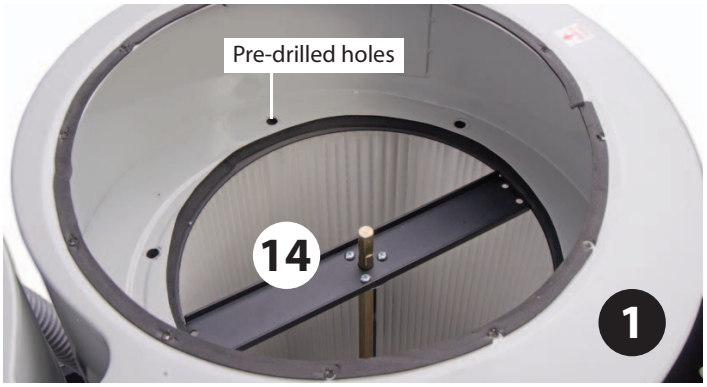


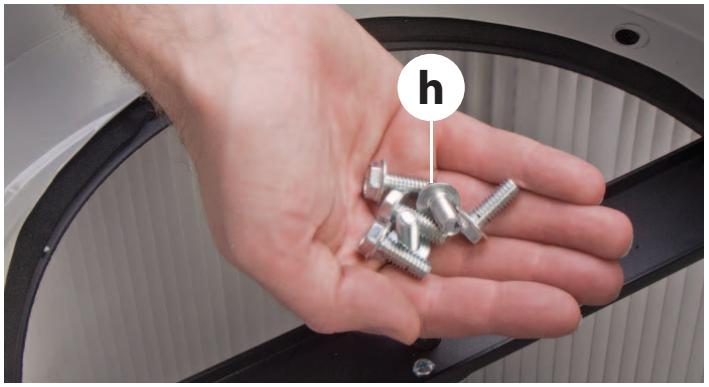
Continues Over....

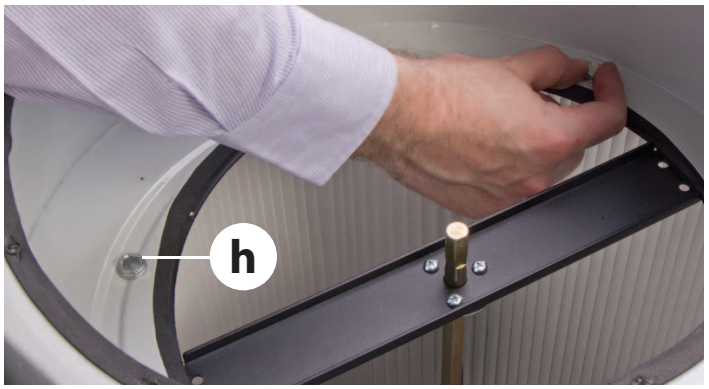
16. Locate the air filter cartridge (14) and six 5/16" Hex bolts (h), with assistance position the filter cartridge under the motor assembly housing (1) and line up the threaded holes in the filter with the holes in the motor housing, see fig 38.

17. Insert the threaded Hex bolts (h) through the holes and finger tighten, make sure the seal on top of the filter is flush against the underside of the housing. Using a spanner or ratchet tighten the six Hex bolt, see fig 39-40-41.

Fig 38-39-40

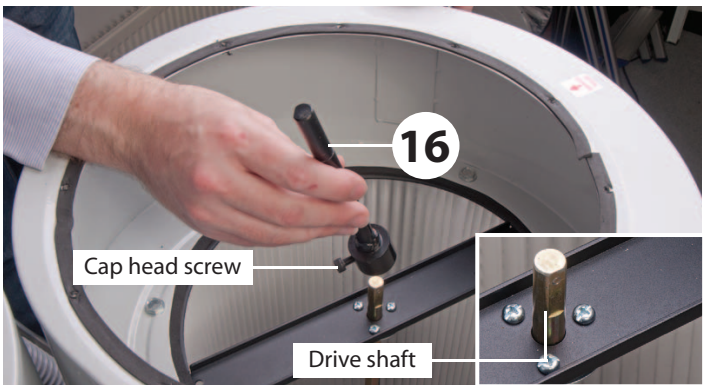






18. Put to hand the operating handle extension bar (16), loosen the two cap head screws on the drive socket and slot the Hex drive over the shaker paddle drive shaft, see fig 42. Tighten the cap head screws to secure the extension bar (16), see fig 43.

Fig 42-43



19. Locate the filter lid (11) and twelve no: 10 ANC cap head screws (d). Slot the opening in the filter lid over the shaker paddle drive shaft and down on top of the motor assembly (1), line up the arrow marker labels on each unit and secure in place with the cap head screws (d), see fig 44-45-46.

Fig 44-45

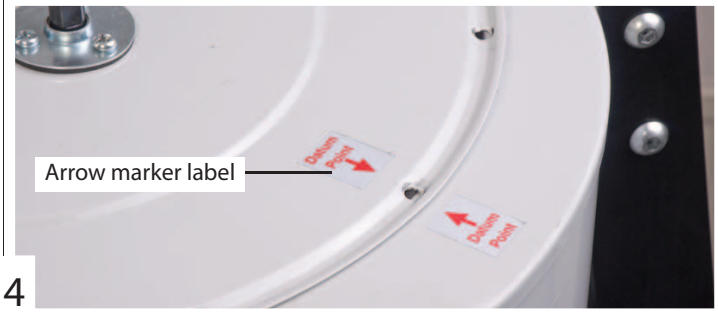
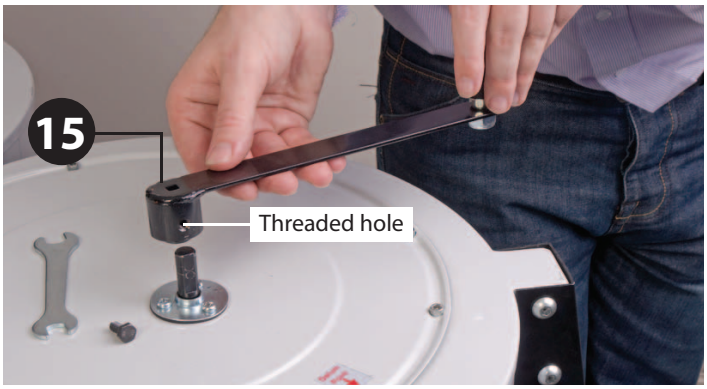


Fig 46

20. Find the shaker paddle operating handle (15) and M6 x12mm bolt (c). Insert the handle's drive socket onto the shaker paddle's drive shaft and screw on the M6 bolt (c) into the threaded hole to the side of the machined aperture. Tighten using the supplied spanner (26), see fig 47-48.

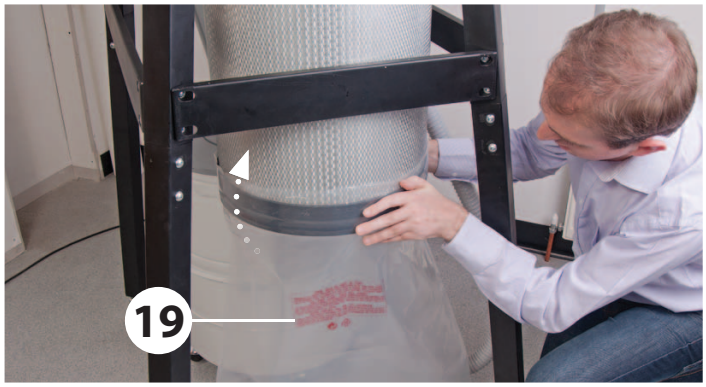
Fig 47-48



21. Locate the remaining dust bag (19) and securing belt (23). Open up the bag and rap it around the base of the air filter assembly, see fig 49. Straighten the retaining belt (23), wrap it around the filter (14) and dust bag (19) and latch it down to hold and to seal the filter assembly, see fig 49-50.

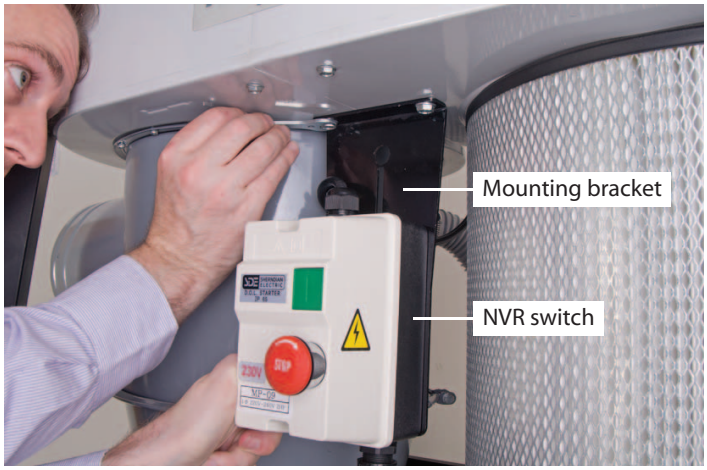
22. Remove the bag packaging from the NVR switch assembly. Locate the two remaining 5/16" Hex bolts (h), line up the two pre-drilled holes in the NVR switches mounting bracket with the threaded holes to the

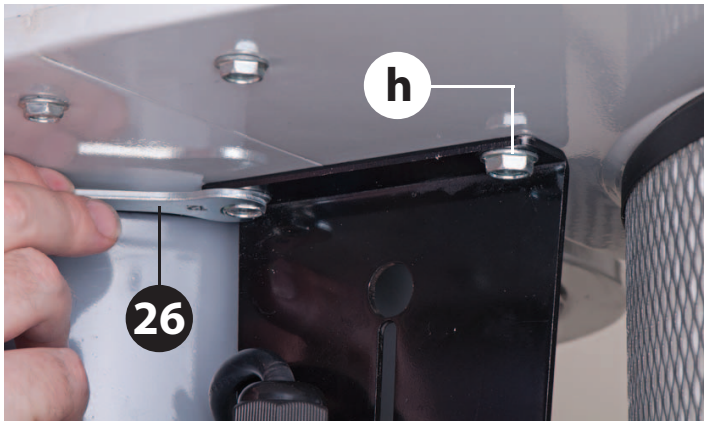
Fig 49-50



underside of the motor assembly housing (1) and secure using the Hex bolts (h), see fig 51-52.

Fig 51-52



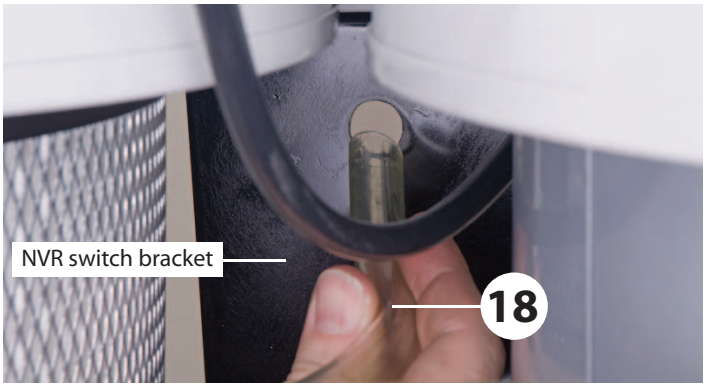


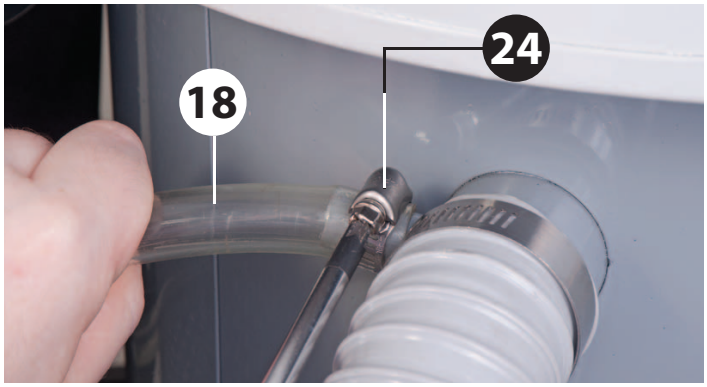
Continues Over....

23. Locate the manometer (17), manometer hose (18) and the two small clips (24). From the opposite side of the extractor insert the hose (18) through the hole to the centre of the NVR's mounting bracket, see fig 53.

24. Place one of the small clips (24) over the hose (18), introduce the hose over the small outlet manifold on the extraction drum (7) and secure in place, see fig 54. **DON'T OVERTIGHTEN** otherwise the hose could split.

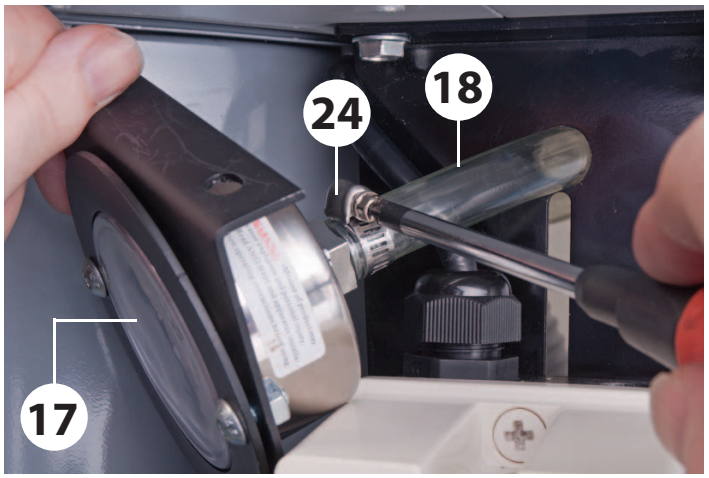
Fig 53-54





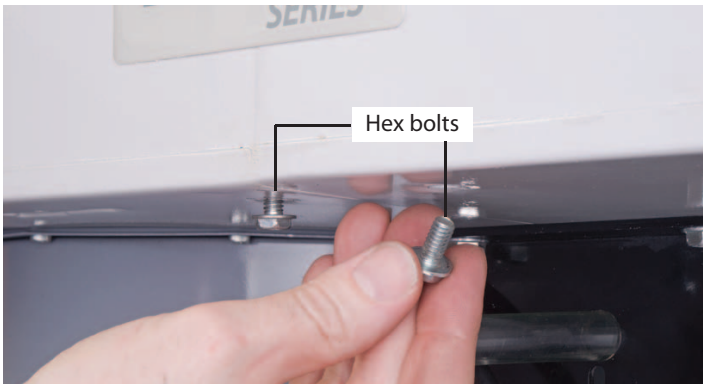
25. Place the remaining small clip over the opposite end of the hose, introduce the hose over the inlet to the rear of the manometer (17) and secure in place. One again **DON'T OVERTIGHTEN** as the hose could split, see fig 55.

Fig 55



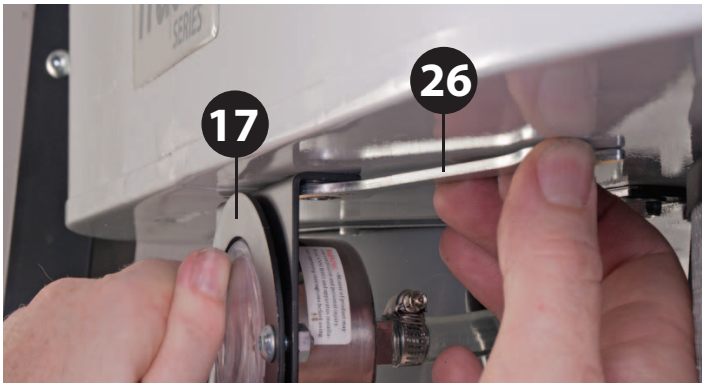
26. To the underside of the motor assembly housing remove the two Hex bolts and place to one side in readiness for the next step, see fig 56.

Fig 56



27. Line up the two holes on the manometer's mounting bracket (17) with the two threaded holes to the underside of the motor assembly. Secure in place using the two hex bolts you just removed, see fig 57.

Fig 57



28. Locate the inlet manifold (13) and the remaining three No: 10 ANC cap head screws (d). Insert the manifold over the extractor's inlet and line up the threaded holes in the inlet with cutout slots in the manifold. Secure the manifold in place with the cap head screws (d), see fig 58-59.

Fig 58-59


AXMINSTER
Trade
SERIES
1,800mm
1,000mm
1,250mm

Illustration and Parts Description

NVR Switch assembly
Green (ON) Emergency Stop (Red)

Manometer
Vacuum Gauge indicator to monitor the air flow in the ducting system

Bin "FULL" indicator, empty the bin's contents when it reaches the "FULL" mark.

Bin lever clamp

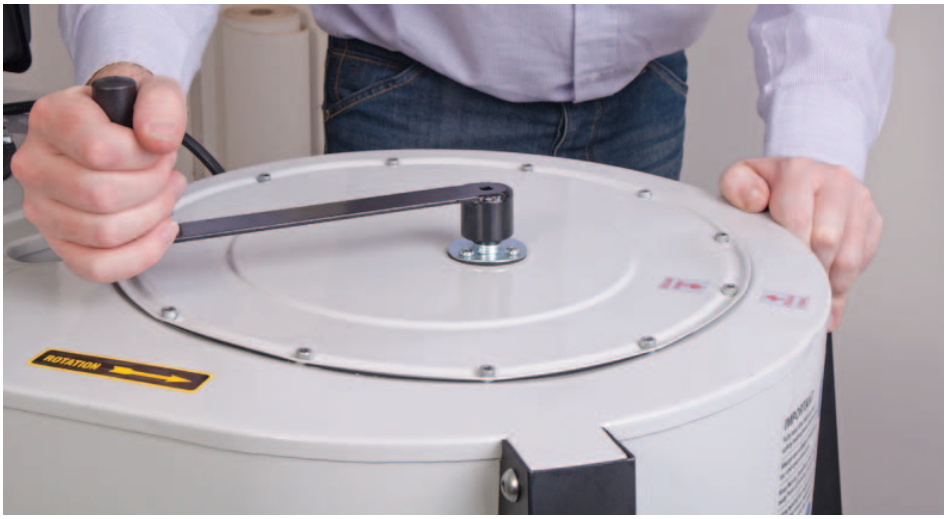
Part	Description
1	Motor Assembly
2	Upper Leg Square Tubes
3	Lower Leg Square Tubes
4	Long Cross Support Bar
5	Short Cross Support Bar
7	Extractor Drum
8	Flexible Hose
9	Bin
10	Bin Cover
11	Filter Lid
12	Extraction Funnel
13	Inlet Manifold
14	Air Filter Cartridge
15	Shaker Paddle Handle
17	Manometer
18	Manometer Hose
19	Dust Bags
20	Bin Handle
21	Castor Wheels
22	Bin Castor Wheels
23	Dust Bag Securing Belt
24	Large and Small Clips
25	Bin Lever Clamp
A	Motor
B	NVR Switch

Inlet manifold with removable lid


18
24
8
24

Pull up the bin lever clamp handles to release bin

Pull the bin out to empty the contents



Rotate the shaker paddle operating handle to remove any build up of dust inside the filter

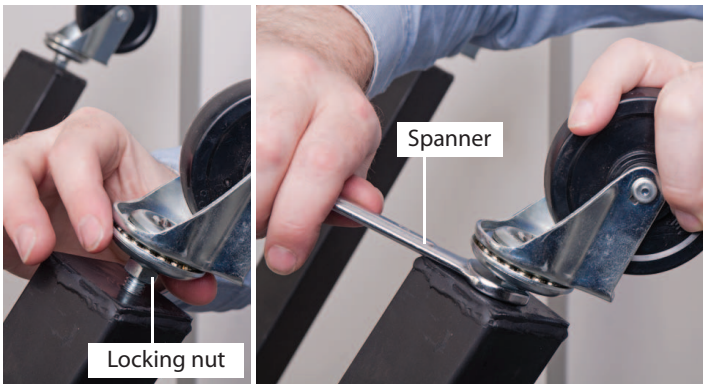
HSE Health and Safety Executive

To operate the cyclone extractor correctly, it is recommended to visit the HSE (Health and Safety Executive) website at **www.hse.gov.uk** and read the information on the safe practices.

Levelling the Extractor

If you find the extractor castors (21), are not in contact with the floor you can adjust them by loosening the locking nut beneath the castor's pivot assembly. Then rotate each castor in turn, in or out until correct then retighten the locking nut to secure the castors (21) in position, see fig 60.

Fig 60



Switching ON/OFF

ALWAYS TURN OFF THE EXTRACTOR BY THE NVR CONTROL SWITCH NOT THE MAINS SWITCH

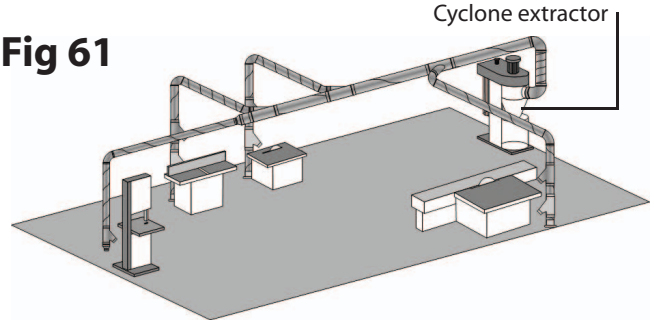
Manometer

The manometer is used to monitor the air flow in the ducting system. When you first use your extractor it is recommended you mark on the 'manometer' the pressure the extractor it running at. To do this, follow the instructions below.

Note: the reading can vary depending on the size of the ducting system.

1. Connect your cyclone extractor to the ducting system, see fig 61.

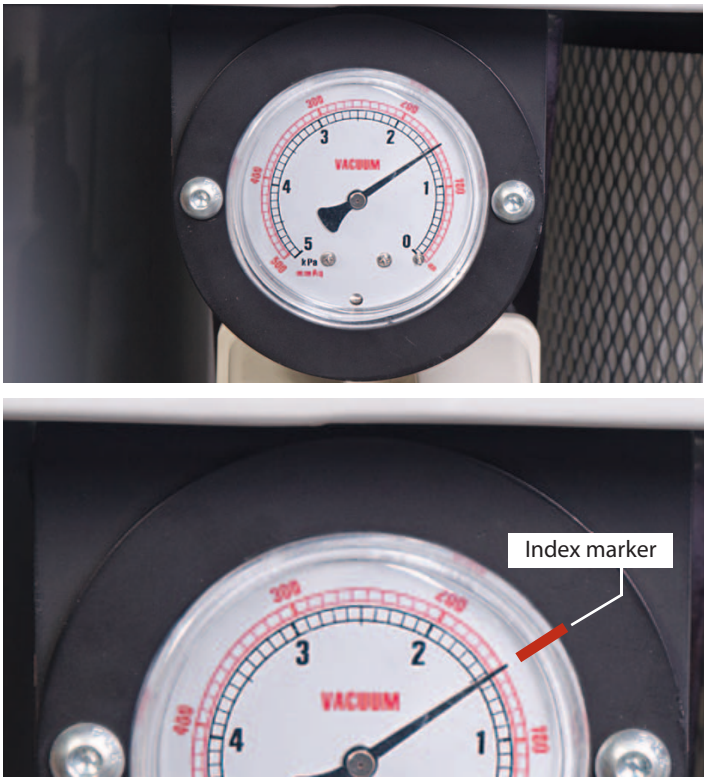
Fig 61



2. Start up the extractor by pressing the 'green' button on the NVR switch assembly and check the reading on the manometer.

3. Using a marker or sticky label mark the reading on the manometer, see fig 62. This is to confirm that every time you switch on you know what the reading will be.

Fig 62



If you find the reading has increased there could be a blockage in the ducting system or extractor unit, check the following:

WARNING!! BEFORE CARRYING OUT ANY MAINTENANCE DISCONNECT THE CYCLONE EXTRACTOR FROM THE MAINS SUPPLY!

WARNING! ALWAYS WEAR A DUST MASK

WARNING! ALWAYS WEAR EYE PROTECTION

- **Check the filter for signs of build up of sawdust and rotate the shaker paddle handle to remove any built up dust and debris from inside, see fig 63. Then clean the outside with a vacuum cleaner.**
- **Check the hoses for blockages.**
- **Check the bin bag and empty if full, see fig 64-65-66.**

Fig 63

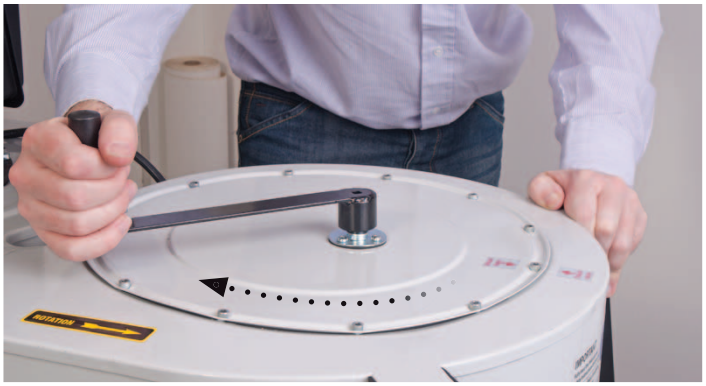
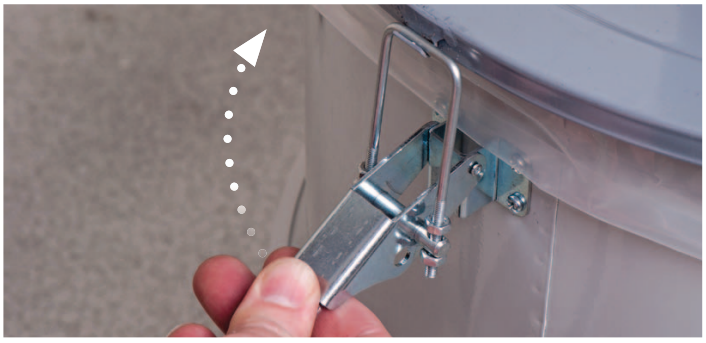


Fig 64-65-66



If the reading has decreased, check the following:

•Check the hoses are secure, 'NOT LOOSE' which will lead to air leakages.

• Check hoses for splits and cracks.

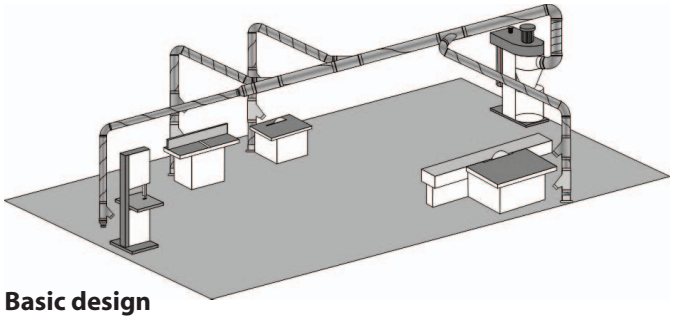
• Check "Blast gates" that are not in use are shut.

General Info

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.

outlet size	volume of air required
50	200 m³/hr
100	700 m³/hr
125	1100 m³/hr
150	1600 m³/hr
200	2800 m³/hr

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 blast gates 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 blast gates 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.

WARNING! BEFORE CARRYING OUT ANY MAINTENANCE DISCONNECT THE CYCLONE EXTRACTOR FROM THE MAINS SUPPLY

WARNING! KEEP CHILDREN AWAY FROM WORK AREA

WARNING! ALWAYS WEAR A DUST MASK

WARNING! ALWAYS WEAR EYE PROTECTION

After a period of time dust, sawdust and shavings can build-up causing blockages and reduced suction performance. Follow the maintenance instructions below to keep your extractor working at peak performance.

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, see fig 67.

• Check the motor for dust, sawdust, shavings etc, build up. If this has occurred, clean with a vacuum cleaner.

• Move the shaker paddle handle to remove any built up dust and debris from inside the filter, see fig 68.

Monthly

• Remove the filter assembly, using an 'M' class vacuum cleaner, clean inside the filter, see fig 69-70.

Fig 67

Fig 68

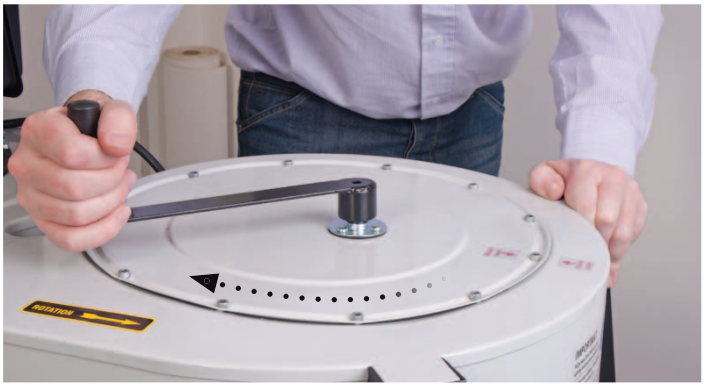
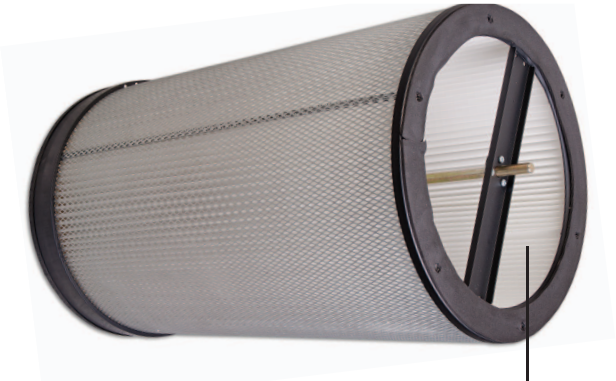


Fig 69-70



Vacuum inside the filter

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 blast gate 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										
32										
33										
34										

Continues Over....

Weekly LEV System Maintenance Log

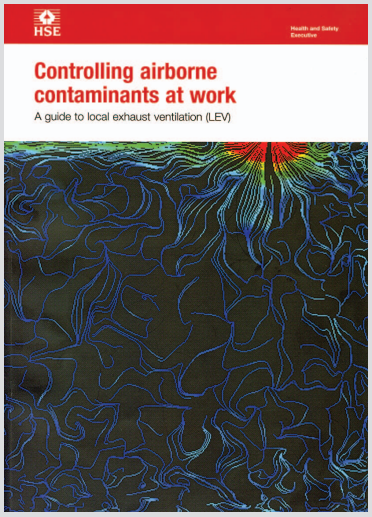
Week	Date	Checked by	Check all ducting for physical damage	Check inlets, clear any obstructions if found	Check operation of all blast gate controls	Check filter(s) for damage and condition	Check filter shakers (if fitted) and clean filters	Check waste collector(s) for damage and condition	Empty waste collectors if necessary	Comments
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										

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



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.

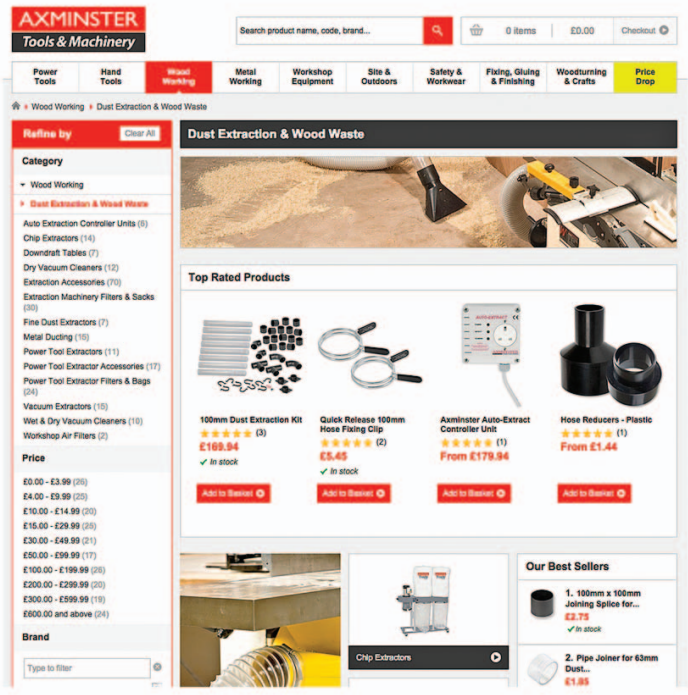
It also includes guidance on the specification of LEV; the supplier's quotation; commissioning; zone marking; the user manual and logbook; testing and hood labels.

Extraction Accessories

For all of our accessories please see our catalogue or visit our website at axminster.co.uk.

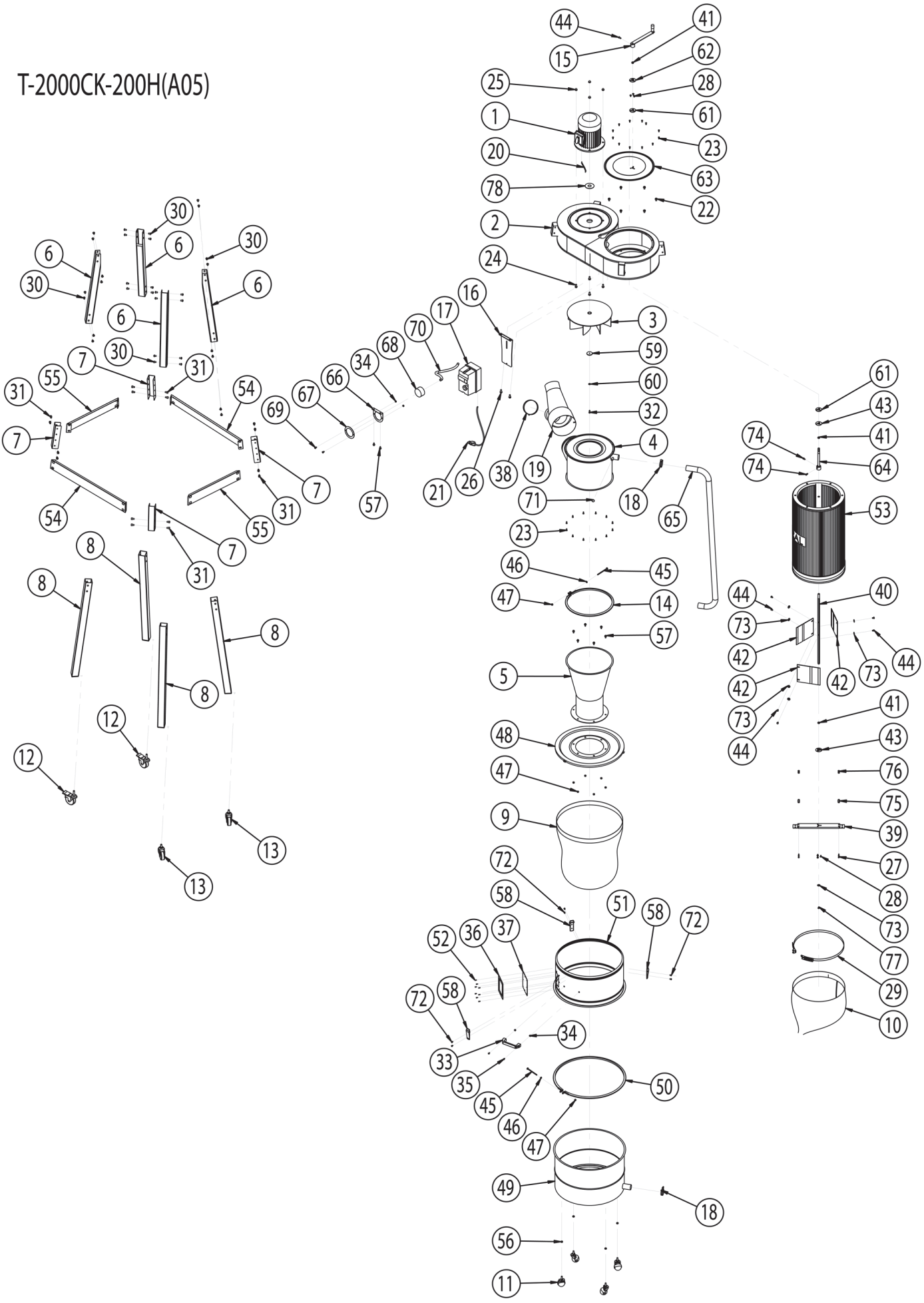
Contact us on:

Call: 03332 406406
Web: axminster.co.uk

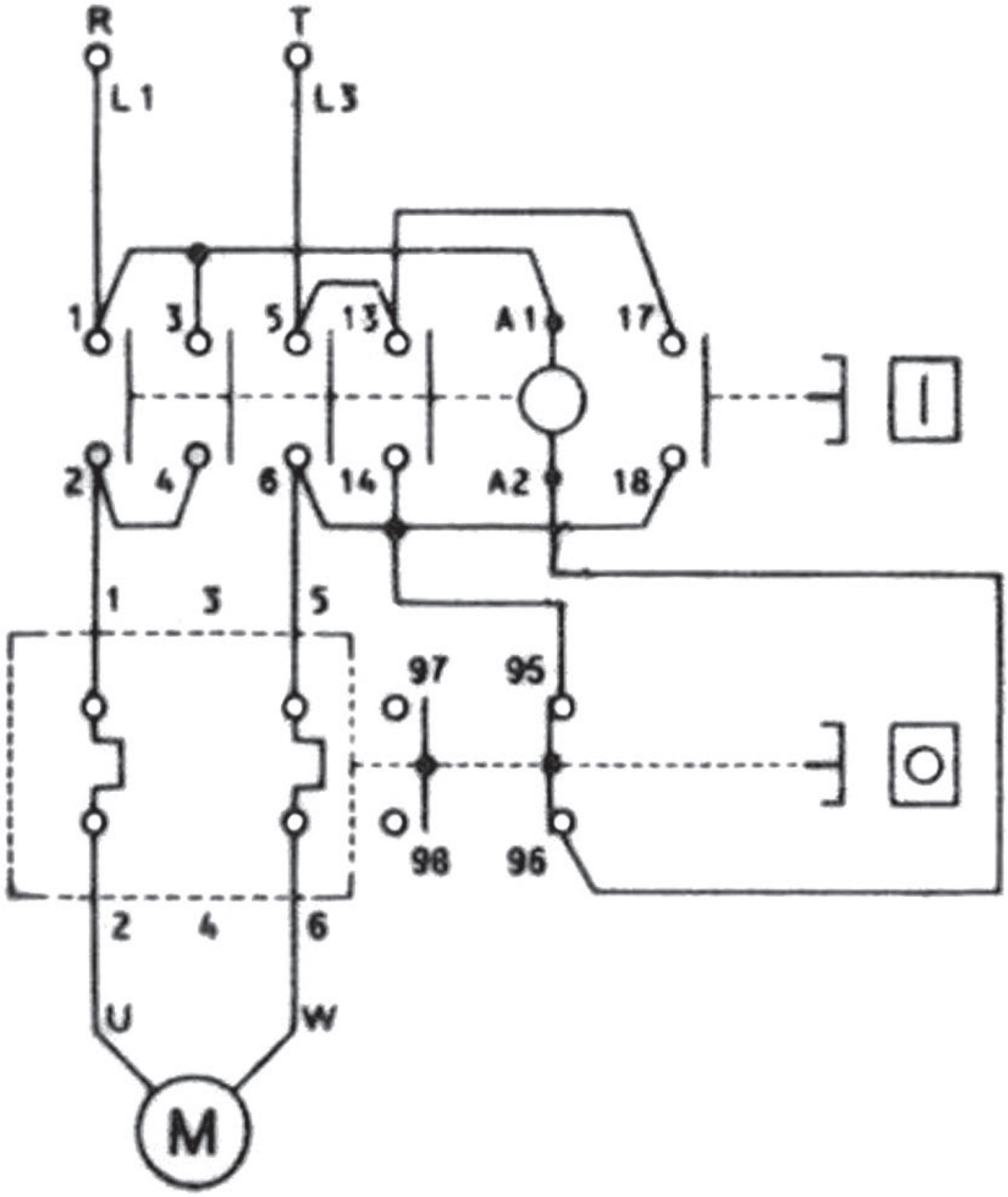


Exploded Diagram/Parts List

T-2000CK-200H(A05)



NO	Description	Q'TY
1	Motor	1
2	Main Housing	1
3	Aluminum Impeller	1
4	Round Collector	1
5	Reducing Collector	1
6	Upper Leg	4
7	Leg Connecting Bracket	4
8	Lower Leg	4
9	PE Bag	1
10	PE Bag	1
11	Ball Caster 2"	4
12	Caster 3"	2
13	Caster 3"	2
14	BARREL CLAMP 347	1
15	N Type Handle	1
16	Switch Plate	1
17	Magnetic Switch 2hp	1
18	Hose Clamp 1-3/4"	2
19	Inlet	1
20	Motor Cord	1
21	Power Cord W/ Plug	1
22	Flange Bolt 5/16"x1/2"	6
23	Tap Screw	25
24	Flange Bolt5/16"x 3/4	4
25	Cap Nut 5/16"	4
26	Flange Bolt 5/16"x3/4"	2
27	Round HD Screw M5x15mm	4
28	Round HD Screw M5x10mm	6
29	Blet Clamp CK-370	1
30	Botton HD screw 5/16"x 1/2"	32
31	Cap Screw 5/16"x1/2"	16
32	Cap Screw M6x16mm	1
33	Handle	1
34	1/4"Nut	4
35	Phillips Head Screw 1/4" x 4"	2
36	Square Pad	1
37	PC Board	1
38	Inlet Cap 4"	1
39	Lower Fixing Plate	1
40	Main Spindle	1
41	Bearing	3
42	Rubber Flapper	3
43	Bearing Fixing Plate	2
44	Hex bolt M6x16	7
45	Round HD Screw 1/4"x4"	2
46	Washer 1/4"x13	2
47	Flange Nut 1/4"	8
48	Drum Lid	1
49	Lower Drum	1
50	Round Clamp 525	1
51	Upper Drum	1
52	Rivent	8
53	Canister filter	1
54	Long Brace	2
55	Short Brace	2
56	Nut 5/16"	4
57	Flange Screw 1/4"x1/2"	8
58	Clamp	3
59	Impeller Washer	1
60	Spring Washer M6	1
61	Rubber Pad	2
62	Bearing Fixing Plate(No Thrad)	1
63	Housing Cover	1
64	Connecting Spindle	1
65	Hose (1430mm)	1
66	Meter Fixing Plate	1
67	Meter Fixing Ring	1
68	Negative Meter	1
69	Botton HD Screw 1/4" x 3/4"	2
70	Clear Hose 12 x 310mm	1
71	Hose Clamp 3/4"	1
72	Round HD Screw 3/16"x3/8"	6
73	Washer 1/4"	7
74	Cap Screw M6x12mm	2
75	Fixing Plate	2
76	Nut M5	4
77	Round HD Screw M6 x 10mm	1
78	Motor Packing	1



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Normal wear and tear; misuse, abuse and neglect are excluded and the machine should not have been modified in any way. Please do not attempt to service the product without first contacting us; we are happy to guide you but failure to do so may invalidate the guarantee.

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Only for EU countries

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