

CONTENTS

Description	1
Electrical safety	2
General safety.	3
Operator protection	4
Preparing for spraying	5
Mixing, filling and calibration	6
Before spraying	10
To start spraying	11
To stop spraying - at the end of each spray pass	11
To stop spraying - at the end of the spraying operation	11
After spraying	12
Troubleshooting	13
Diagram	14
Parts list	15
Storage	16
To clean atomiser assembly	16
To clean feed nozzle	16
To service motor and switch	17
Replacement of mains cable	17
The battery	16

DESCRIPTION

The ELECTRAFAN 110/240 is a light, air-assisted, hand-held, spinning disc Controlled Droplet Application (CDA) sprayer. It is powered by a mains electric motor of either 110 volt or 240 volt. The use of a suitable extension cable enables treatments of up to 80m from a power source. The sprayer is designed for intermittent use. The sprayer with a full spray bottle weighs 3.25 kg. An electric motor spins the atomiser disc to produce uniformly small droplets which are carried to the target by an airstream generated by the fan. Liquid is fed by gravity. The ELECTRAFAN 110/240 is designed primarily for the foliar application of insecticides and fungicides in glasshouses and polytunnels of both water-based mixtures (e.g. ECs, WPs) at 20 to 40 litres/hectare total spray volume and Ultra-Low Volume (ULV) formulations. It is also used to apply public health insecticides, for applying vaccines to poultry and for insect control on livestock and in animal housing. When using the ELECTRAFAN 110/240 in an enclosed/confined space a full face shield and respirator <u>must</u> be worn (see 'OPERATOR PROTECTION').





ELECTRICAL SAFETY

WARNING - THIS APPLIANCE <u>MUST</u> BE EARTHED. <u>ONLY</u> USE AT THE VOLTAGE SHOWN ON THE LABEL.

The colours of the mains lead of this machine may not correspond with the coloured markings identifying the terminals in your plug. Therefore proceed as below:

- the earth wire is coloured green and yellow and must be connected to the earth terminal in the plug marked with the letter E or by the earth symbol or coloured green and yellow.
- the neutral wire is coloured blue and must be connected to the neutral terminal marked with the letter N or coloured black.
- the live wire is coloured brown and must be connected to the live terminal marked with the letter L or coloured red.
- the IP rating referred to on the label of this machine applies to the motor enclosure only.

The machine should be fitted with a latching 16 amp mains plug to BS 4343/CEE 16 or equivalent. If this or any other type of unfused plug is used, a 5 amp fuse <u>must</u> be fitted at the fuse board. In the U.K. a 13 amp mains plug to BS 1363A, fitted with a 3 amp fuse, should only be used where this is suitable, taking into account the working environment, and where the method of operation will not cause the mains connection to be put under strain. The use of a residual current circuit breaker, preferably incorporating a supply failure automatic drop out facility, is strongly recommended.

An extension lead of up to 80 metres may be fitted using a suitable waterproof cable connector. The lead should be of heavy duty 3 core flexible cable and of a conductor size not less than 1.0 mm² (32/0.2 mm). This is essential to avoid excessive voltage drop. Use the extension lead fully unreeled to prevent overheating. A faulty cable **must** be replaced. Ensure the cable does not make contact with the rotating atomiser disc.

ALL ELECTRICAL CONNECTIONS <u>MUST</u> BE PROPERLY MADE. IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN.

GENERAL SAFETY

Using agrochemicals is a hazardous process, particularly in enclosed areas. Operators should comply with all relevant legislation and/or regulations governing the use of agrochemicals and <u>must</u> use appropriate personal protective equipment (see 'OPERATOR PROTECTION'). <u>Never</u> use the ELECTRAFAN 110/240 in potentially explosive atmospheres or spray flammable liquid through it.

The ELECTRAFAN 110/240 can be used with most conventional insecticides and fungicides, as well as specific ULV formulations (only available in some countries) which reduce risks in mixing and filling.

<u>Always</u> read the product label carefully to discover:-

- approved applications
- maximum dose rates
- maximum number of treatments
- operator protection required
- necessary environmental protection measures



N.B. 'Dose rate' refers to the amount of chemical product applied per hectare.

<u>Never</u> eat, drink, or smoke when working with agrochemicals. After using agrochemicals or handling equipment wash your hands thoroughly. Keep people (especially children) and animals out of areas being sprayed.

<u>Always</u> store agrochemicals safely to protect people and animals, and to safeguard the environment (take special care to avoid water pollution). See spraying sections for guidelines on safe use of the ELECTRAFAN 110/240 in operation.

OPERATOR PROTECTION

<u>Always</u> wear the protective clothing items listed on the product label for mixing and filling. The <u>minimum</u> protective clothing required for <u>spraying</u> with the ELEC-TRAFAN 110/240 is:

- face shield
- respirator
- rubber gloves and boots
- long sleeved shirt
- long trousers

Note:



<u>Acoustic information</u>: the sound pressure level at the operator's ear is 90 dB
 (A). Using the machine in an enclosed/confined space may cause this level to increase by up to 6 dB(A). The sound power level of the machine is 94 dB
 (A).

The wearing of suitable ear defenders is recommended when using this machine.

b) Vibration: the weighted RMS acceleration value at the hands when using this machine does not exceed 2.5 m/s².

<u>Always</u> disconnect the sprayer from the mains before servicing or following 'TROUBLESHOOTING' procedures.

Never touch the edge of the atomiser disc.

 $\underline{\mathbf{Never}}$ insert anything through the fan guard with the machine connected to the battery.

 $\underline{\mathbf{Never}}$ wear loose clothing, e.g. scarves and ties, or any item which could be drawn into the fan.

<u>Check</u> the sprayer cable frequently for cuts, abrasions and damage. A faulty cable \underline{must} be replaced.

PREPARING FOR SPRAYING

Check that the intended mains supply corresponds to the lable on the machine before fitting a plug to the mains cable (see 'ELECTRICAL SAFETY').

Before connecting to the mains supply check by hand that the atomiser assembly and fan rotate freely by turning the atomiser assembly in an anti-clockwise direction. (Do not touch the edge of the atomiser disc). If they are not free to rotate do not attempt to start the sprayer but contact your supplier or Service Department at Micron.

Plug the sprayer into the mains supply and switch on to check smooth running of the atomiser disc and fan.

The sprayer $\underline{must only}$ be used at the rated voltage. The machine \underline{must} be switched off in the event of power interruption or failure.

N.B. Before spraying for the first time with the ELECTRAFAN 110/240, sprayer operation must be checked using **only** water (see 'BEFORE SPRAYING').

CAUTION. The Electrafan 110/240 are <u>not</u> designed for continuous running. A <u>ther-mal cut out</u> is fitted to the motor to prevent the motor from over heating. If the motor does over heat the sprayer will stop running, let the motor cool down and the <u>thermal cut out</u> will reset enabling the operator to carry on spraying.

MIXING, FILLING AND CALIBRATION

Mixing and filling is generally the most hazardous process in the spraying operation. <u>Always</u> follow the label instructions. <u>Always</u> use a funnel when filling the bottle. <u>Only</u> mix enough spray for the area to be treated if using water-based mixtures to avoid the need for disposal of unused spray mix.



<u>Always</u> wear gloves when handling agrochemicals and equipment.





<u>Always</u> use the correct equipment when mixing and measuring.



<u>Always</u> wash off any skin contamination



<u>Always</u> clean all equipment after use.

ULV FORMULATIONS

ULV formulations will have full instructions for use on the label.

WATER MISCIBLE PRODUCTS

Conventional water miscible insecticides and fungicides are usually applied with the ELECTRAFAN 110/240 at 20 to 40 litres total spray volume per hectare. Most insecticides can be used at 20 litres/hectare but fungicides may require around 40 litres/hectare. For example, if the label recommends applying a minimum of 2 litres of insecticide product made up to 100 litres of water per hectare with a conventional sprayer, use 2 litres of product made up to 20 litres for application with the ELEC-TRAFAN 110/240, i.e. a spray mix concentration of 10%.

<u>Do not</u> use product concentrations greater than the maximum recommended on the label (unless specific training or recommendations have been given) if the label:

- a) specifically prohibits use of 'Reduced Volumes' i.e. increased concentrations;
- b) has a <u>statutory</u> requirement for use of personal protective equipment when using the diluted product at high volumes (N.B. this will appear in the statutory box on the label); or
- c) carries one of the following hazard ratings: 'very toxic', 'toxic' or 'corrosive' or carries the warning 'risk of serious damage to the eyes'.

Micron do not generally recommend using spray mixes of more than ten times the maximum concentration recommended for high volume application. At high concentrations some products can be phytotoxic to crops. Thus, if in doubt, first spray a small test area. **Do not** use more than the minimum recommended label dosage rate i.e. where the label recommendation gives a range of dose rates of, for example, 2 to 3 litres/hectare use no more than 2 litres/hectare. The safest product and lowest dose rate appropriate for the treatment should be used at all times.

To prepare the spray mix with water miscible products select the dose rate of product to be applied per hectare (from the product label) and mix in a suitable container.

Examples of mixing spray - for 1 hectare (for 1,000m² i.e. 0.1ha, divide quantities by 10):

a) insecticide:	2 litres		
add water:	+ <u>18 litres</u>		
Total volume:	20 litres		
i.e. 1 part insecticide : 9 parts water			

b) fungicide:	4 litres	
add water:	+ <u>36 litres</u>	
Total volume:	40 litres	
i.e. 1 part fungicide : 9 parts water		

CALIBRATION

The work rate when using the ELECTRAFAN 110/240 will be dependent on the particular situation. In glasshouses/polytunnels it will depend on the type of crop being treated and the row spacing. In crops such as vegetables and flowers it will generally take around 45 minutes to spray an area of 1,000m² (1/10 of a hectare). It will often be necessary to spray crops from both sides of the row to ensure adequate penetration and even coverage e.g. when foliage is dense, when the crop height exceeds 0.75m or when planting beds are over 2m wide. As the objective is to apply an even spray cover to all target surfaces it is very important for the operator to direct the spray carefully at all areas to be treated e.g. if spraying a crop the ELECTRAFAN 110/240 should be moved gently up and down along the height of the crop (with the machine held to the side and slightly behind the operator's direction of travel). Practice spraying - without any spray mix in the bottle - to see what sort of walking speed is practical.

The table below indicted the relationship between spray volume, flow rate and walking speed for the ELECTRAFAN 110/240 as per the following formulae:

a) Formula for calculating required flow rate:-

Flow rate = 6 x spray pass interval x total spray volume x walking speed(ml/min)(m)(l/ha)(m/s)

b) Formula to calculate the volume applied from a known flow rate:-

<u>Measured flow rate (ml/min)</u> x = 10 = spray volume (l/ha)Area sprayed in one minute (m²)

The following table is a guide to liquid flow rates through various feed nozzles:

Feed nozzle	Flow rate (ml/min)		
(orifice diameter marked in mm on nozzle)	Water	Oil (7mm²/sec viscosity)	
0.9	23	18	
1.1 (fitted)	55	40	
1.3	63	46	
1.4	85	50	
1.6	105	56	
2.0	N/A	77	

N.B. Liquid flow rates should always be measured with the actual spray mix. **Do not** use flow rates over 110 ml/min.

Wear the appropriate protective clothing when checking the flow rate. Choose and fit the feed nozzle that is likely to be required (see 'TO CLEAN FEED NOZZLE' for fitting instructions). Fill the bottle with the spray mix, attach to the sprayer (avoiding spillage) and then turn the sprayer over above a suitable container (**N.B.** <u>do not</u> <u>switch on the sprayer</u>). Wait until the liquid flow is steady and then allow the liquid to flow into a measuring container for one minute and measure the volume dispensed. If the flow rate is very different from that required change the feed nozzle and repeat the above procedure. If the flow rate is close to that required adjust walking speed.



Example: Required spray volume = 30 l/ha; Spray pass interval = 2 m Flow rate measured = 85 ml/min

Walking speed (m/s) = Flow rate (ml/min) 6 x spray pass interval (m) x total spray volume (l/ha)= $\frac{85}{6 x 2 x 30}$ = 0.24 m/sec

i.e. 0.24 m/s or 14.4 m in one minute (0.24 x 60)

Mark out a distance of 14.4 m and practice walking it in one minute using the sprayer as if spraying (see 'BEFORE SPRAYING').

BEFORE SPRAYING

ALWAYS:

- wear the recommended protective clothing (see 'OPERATION PROTECTION').
- plan a spray route before spraying so that the operator walks away from the treated area.
- work towards an exit point.
- hold the ELECTRAFAN 110/240 so that it is spraying to the side and slightly behind the operator's direction of travel.
- keep the spray head well away from the body to avoid the risk of direct contamination by the spray.
- check the condition of the battery before the spraying operation (if possible the day before so that there is time to recharge the battery if required).



Before spraying for the first time use water **only** to check the operation of the sprayer. Put some clean water in the bottle, add a few drops of liquid detergent and screw it into the bottle holder. When fitting the bottle into the bottle holder tighten fully and then unscrew by 1/4 of a turn. If this is not done the airbleed may be blocked causing liquid feed to stop. Check for leaks. Switch on the sprayer with the bottle below the atomiser disc and <u>then</u> turn the sprayer over so that the bottle is above the atomiser disc (spray liquid will then flow through the feed nozzle onto the atomiser disc). This is the spraying position, and spray will immediately be emitted. <u>Start walking</u> as soon as the sprayer has been turned over. Practice using the sprayer by walking along a few metres and then stopping spraying (see 'TO STOP SPRAY-ING').

The ELECTRAFAN 110/240 produces small droplets which are barely visible in normal conditions. To check the sprayer output switch on, turn the sprayer into the spraying position and direct the spray onto a suitable surface such as a pane of glass or painted surface for a few seconds. A liquid film or mass of small droplets will be seen.

TO START SPRAYING

Carrying the ELECTRAFAN 110/240 in the resting position, move to the planned starting point of the spray operation. With the sprayer still in the resting position, switch on the motor to check the smooth running of both the atomiser disc and fan. <u>Never</u> touch the atomiser disc when spinning. Then turn over the sprayer into the spraying position, pointing it at the target and start walking immediately.

<u>Always</u> hold the ELECTRAFAN 110/240 slightly to the rear so that the operator walks away from the spray. <u>Always</u> move the machine smoothly to ensure a steady airstream to carry the spray droplets to the target. When the bottle is empty mark the position where spraying stopped and restart spraying from this point. <u>Do not</u> walk through any part of the sprayed area.

TO STOP SPRAYING - AT THE END OF EACH SPRAY PASS

At the end of each spray pass turn the sprayer over into the resting position (with the bottle underneath the atomiser disc) to stop the liquid flow, <u>then</u> switch off the sprayer. Move to the start of the next spray pass and start spraying again.



TO STOP SPRAYING - AT THE END OF THE SPRAY OPERATION

When spraying is finished if using water based mixtures spray out any remaining spray mix. ULV formulations can be stored for future use. Make sure that all the spray liquid is ejected from the atomiser disc when the bottle is empty by keeping the motor running for a few seconds. Then switch the sprayer off.

AFTER SPRAYING

1. Dispose of any surplus spray mix according to the product label. Store products safely, locked up and out of the reach of children.



- 2. It is **essential** to clean the sprayer and bottle thoroughly after use. If using water-based mixtures a water and detergent mix should be put in the bottle, swilled around, and then sprayed out onto the treated area. If using ULV formulations use kerosene **not** water and detergent for cleaning out the sprayer. The sprayer should be wiped down externally using a cloth. Periodically clean the atomiser assembly (see 'TO CLEAN ATOMISER ASSEMBLY').
- 3. After working with agrochemicals, or handling spraying equipment, <u>always</u> thoroughly wash hands and exposed skin. All protective clothing should be washed and stored separately from other clothing. Contaminated gloves should be washed inside and out.





TROUBLESHOOTING

FAULT CHECKING CHART			
Problem	Procedure N.B. always disconnect the sprayer from the battery		
Motor fails to start			
1. Switch	Check switch is in ON position.		
2. Blown fuse	Remove the plug from the mains supply and check fuses.		
3. Stiff or seized motor	Disconnect from the mains supply. The atomiser assembly should be free to turn in an anti-clockwise direction. Some friction from motor brushes is normal but if it is difficult to turn by hand conta- your supplier or Service Department at Micron.		
 Loose connection in plug or extension lead 	Remove the plug from the mains supply and check that all connections are clean and secure.		
 Faulty switch, internal wiring or motor 	Contact your supplier or Service Department at Micron.		
Motor runs slowly			
 Friction in atomiser assembly or motor 	Disconnect from the mains supply. The atomiser assembly should be free to turn in an anti-clockwise direction. Some friction from motor brushes is normal but if it is difficult to turn by hand contact your supplier or Service Department at Micron.		
2. Poor electrical connections	Check systematically all external wiring and connections.		
3. Worn or defective switch contacts	Contact your supplier or Service Department at Micron.		
4. Defective motor armature	This is often associated with over-heating. Contact your supplier or Service Department at Micron.		
Fails to spray and chemical dribbling from air bleed hole in feed line			
1. Blocked feed nozze.	Remove spray bottle. Remove and clean feed nozle (see 'TO CLEAN FEED		
Intermittent spraying			
 Blocked air bleed in feed line 	Remove the spray bottle and clean threads on the bottle and in the neck of the feed line. When fitting the bottle into the bottle holder tighten fully and then unscrew by 1/4 of a turn. If this is not done the airbleed may be blocked causing liquid feed to stop. Check the air bleed hole is clear.		
Intermittent spraying and excessive contamination of fan and fan guard with repeated blocking of feed nozzle			
1. Blocked atomiser assembly	Remove the spray bottle. Remove and clean atomiser assembly and feed nozzle (see 'TO CLEAN ATOMISER ASSEMBLY' and 'TO CLEAN FEED NOZZLE').		

ELECTRAFAN 240 PARTS DIAGRAM



ELECTRAFAN 110/240 PARTS LIST

ltem No.	Description	Part No.	Qty.	ltem No.	Description	Part No.	Qty.
1	Label plate	T/4103	1	32	Screw, 4.BA x 1/4" brass roundhead	T/5114	3
2	Motor housing with handles	T/A4104	1	33	Screw, 2.BA x 1 -1/2"	T/5115	1
3	Fan end cover moulding	T/4506	1	34	Bolt, 6.BA x 1/2" roundhead	T/5124	1
4	Hand grip	T/4109	2	35	Screw, D/E 2.BA 1 -5/8"	T/5128	3
5	Circular fan guard	T/4111	2	36	Screw, D/E 2.BA x 2 -5/8"	T/5129	1
6	Plastic cap	7063	6	37	Nut, 1/4" BSF, nyloc	T/5132	1
7	Motor assembly, 110 volt	T/4151)	1	38	Nut, 4.BA, lock, brass	T/5151	5
	Motor assembly, 240 volt	T/4121)		39	Nut,. 2.BA	T/5136	5
8	Switch bracket	T/4129	1	40	Washer, 4.BA brass	T/5203	2
9	Fan, 20 x 10 (8 x 4)	T/4130	1	41	Washer, 4.BA brass, large	T/5205	1
10	Label - spray direction	T/4145	1	42	Spacer No.6 x 0.270" x 20 G, S/S	T/5211	6
11	Machine identification label	8677	1	43	Washer, 2.BA x 3/8" o.d.	T/5221	4
12	Outer guard ring assembly	T/B4159	1	44	Washer, 6mm	T/5225	2
13	Bottle holder and feed line assembly	T/A4507	1	45	Washer, DC spring 4.BA	T/5234	1
14	Extension tube, bearing & snap ring	T/A4509	1	46	Lock washer ext. 2.BA	T/5253	6
15	Atomiser support	T/4511	1	47	Nut, 6.BA	T/5272	1
16	Atomiser back plate with nozzle holder	T/A4512	1	48	Rollpin 3/32" x 1/2"	T/5304	1
17	Atomiser bearing cover	T/4514	1	49	Bead 9.16" plastic	T/5309	3
18	Atomiser disc - front plate	T/4515	1	50	Switch	T/6043	1
19	Atomiser collector plate	T/4516	1	51	Mains cable 3 core 5M	T/A6034-5M	1
20	Atomiser retainer nut	T/4517	1	52	Switch connector lead	T/A6042	1
21	Chemical feed tube (65mm)	T/4518-65mm	1	53	Off/on label	T/6061	1
22	Feed nozzle- 0.9mm	T/4519-0.9mm		54	Switch cover	T/6062	1
	Feed nozzle - 1.1mm	T/4519-1.1mm	1	55	Label, ear defenders	T/6109	1
	Feed nozzle - 1.3mm	T/4519-1.3mm	1	56	Cable gland	T/6110	1
	Feed nozzle - 1.4mm	T/4519-1.4mm	1	57	Electric connector block	T/6113	1
	Feed nozzle- 1.6mm	T/4519-1.6mm	1	58	Connector 2BA Crimp	T/6015	1
	Feed nozzle- 2.0mm	T/4519-2.0mm	1	59	'O' ring (BS 043)	T/6118	1
23	Atomiser drive shaft	T/4520	1	60	Slinger	T/6119	1
24	Motor brush	T/4803	1	61	Hose Clip	5287	1
25	Atomiser assembly	T/A4827	1	62	Atomiser cover	T/2018	2
26	Atomiser extension assembly	T/A4828	1	63	Wire 1.5mm ² single core green/yellow	7461/60mm	1
27	Bottle with cap, 1 litre	5265A	1	64	Bottle Cap– Black	3216	1
28	Screw, No.6 x 1/4" S/T	4622	2	65	Cork washer	5353	1
29	Screw, No.4 x 5/8" S/T	4677	2	66	Bottle cap – black	4489	1
30	Screw, No.10 x 1 -1/2" S/T	T/5007	3				
31	Screw. 4.BA x 3/8" brass	T/5107	1				

STORAGE

Before storing the ELECTRAFAN 110/240 for long periods clean the fan guard with a small brush to remove any deposits and wipe the metal components with an oily rag to help combat corrosion. **Do not** use a directed water jet to clean the sprayer.

Store the sprayer in a clean dry place away from direct sunlight. The battery should be recharged and stored in a cool dry place.

TO CLEAN ATOMISER ASSEMBLY

<u>Always</u> disconnect the sprayer from the mains supply before servicing.

Hold the fan by inserting a pencil or similar between the guard rings near the nameplate. Remove the atomiser spindle nut by turning clockwise when facing the atomiser assembly (left hand thread). If the nut is tight loosen using pliers. Pull off the atomiser assembly, soak in paraffin, preferably overnight, then drain and dry.

Alternatively, dismantle the atomiser assembly by releasing the 3 clamp screws and nuts. Clean carefully. When re-assembling be certain to replace the two spacer washers on each screw before re-fitting the stainless steel rear collector disc.

Check that the bearing cover is in place, then place the atomiser assembly on the shaft, followed by the atomiser spindle nut (left hand thread). To tighten hold the fan as above, turn the nut anti-clockwise until finger tight, then rotate the atomiser assembly anti-clockwise. **Do not** overtighten.



TO CLEAN FEED NOZZLE

Remove the atomiser assembly as above. Remove the bearing cover from the shaft. To do this it may be necessary to tilt the bearing cover so that there is clearance between the outer diameter of the bearing cover and the feed nozzle. Unscrew the feed nozzle using a 6.BA or 5mm AF spanner and clean carefully with a soft wire, e.g. fuse wire. Clean the feed line with a pipe cleaner. Re-fit the feed nozzle. Before re-fitting the atomiser assembly, screw on a spray bottle filled with either kerosene (when using ULV formulations) or water and detergent (when using water-based sprays) and check for free liquid flow. Re-fit the bearing cover and the atomiser assembly, and tighten as previously described.

TO SERVICE MOTOR AND SWITCH

(Only to be carried out by qualified Service Engineers)

Proceed as follows:

- 1. Remove handle caps and guard retainer screws.
- 2. Remove outer fan guard and circular guard ring.
- 3. Remove fan and inner guard.
- 4. Remove fan drive pin (tight push in), slinger and washer.
- 5. Remove switch cover (two retainer screws near fan shaft). Note position of large 'O' ring and ensure this is re-fitted to the motor housing before re-assembly.
- 6. Gently pull switch cover clear of the fan shaft and move to one side to expose motor brushes, switch and internal wiring.

N.B. Replacement brushes for the motor are available from Micron. If the armature or bearings need replacing, a new motor will be required.

When re-assembling:

- 1. Reverse the above procedure.
- 2. Make sure the fan drive pin is located in the grooves in the fan hub. This prevents the fan shaft from rotating when the fan nut is tightened.

REPLACEMENT OF MAINS CABLE (see also 'ELECTRICAL SAFETY')

Use 5m of PVC sheathed and insulated 3 core flexible cable with 1mm² (32/0.2mm) conductors. Strip outer sheath and refit heat protection sleeving to individual leads using original lead as a pattern.

The diagram below illustrates the correct connections to be made when replacing the cable:

green and yellow wire to the terminal marked \downarrow (Earthed) blue wire to the terminal marked N (Neutral) brown wire to the terminal marked L (Live)



DECLARATION OF CONFORMITY

Name of manufacturer or supplier:	Micron Sprayers Ltd.
Full postal address:	Bromyard Industrial Estate, BROMYARD, Herefordshire
Country of origin:	England
Post code:	HR7 4HS
Description of Product:	Electric powered, hand-held agricultural spraying machine.
Name and model number of machine:	ELECTRAFAN 110/240
Place of Issue:	Bromyard, England
Name of authorised representative:	G. S. Povey
Position of authorised Representative:	Joint Managing Director

DECLARATION:

I declare that as the authorised Representative, the above information in relation to the supply/manufacture of this product is in conformity with the requirements of the Machinery Directive 2006/42/EC, the 73/23/EEC Low Voltage Directive and complies with the relevant essential health and safety requirements.

Signature of authorised Representative:

NOTES

NOTES