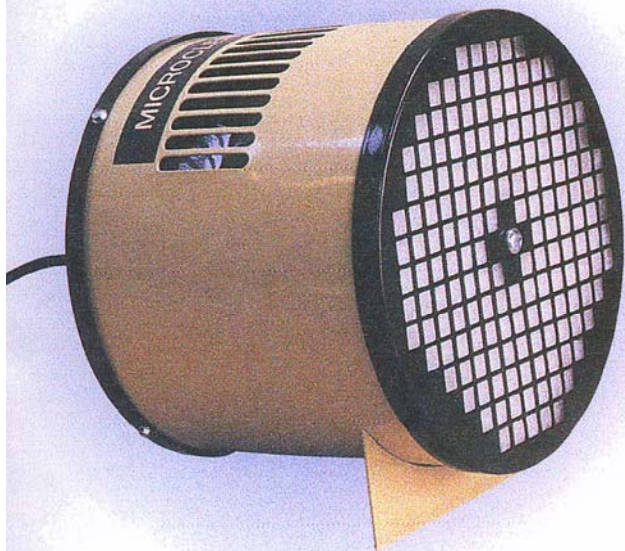
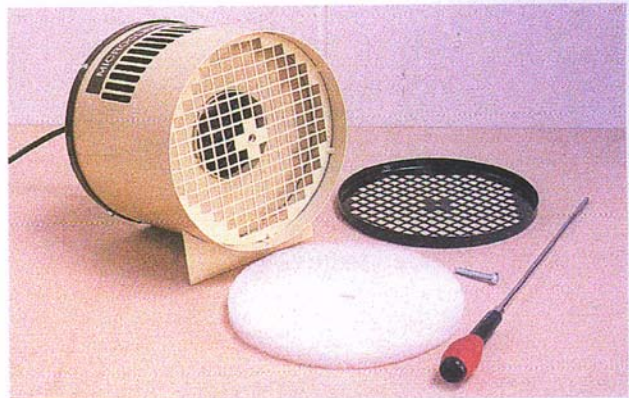


MICRO MACHINE



RALPH LAUGHTON

Ralph Laughton
assesses the
MC100 from
Microclene



PHOTOGRAPHS BY THE AUTHOR

Dust extractors are used to collect the sawdust and chippings that our machines produce. What they can't collect are the microscopic dust particles. Even if these particles do enter the collection system they are often so small that they pass straight through the filter. More often than not, these particles remain in suspension in the air until we filter them ourselves by breathing them in.

FILTRATION

Microclene filters remove more than 95% of particles as small as one micron – so small you can't even see them. When the light streams in through the window and highlights all that dust floating around in the air, the bits you can see are no smaller than four or five microns. Try to imagine then how much you can't see.

ON TEST

Microclene manufacture a whole range of big filtration units. Even the small units are too large for the space-starved home woodworker. The new MC100 model, however, is small enough to stand on the bench or a shelf and can even be fixed to a wall with an optional mounting bracket. Its portability means it can be stored away after use, a real bonus if somebody keeps parking the

family car in your workshop!

This unit will filter 10 cubic metres of air all on its own. That's the size of a small garage or the average garden shed, making it ideal for the home woodworker.

As well as being portable the unit performs its task without the need to intervene. It will filter the air while you work and continue the job while the coffee is being consumed.

Filter changing is simplicity itself. A single screw, located in the centre of the grill, holds both the grill on the front and the filter in place. If the filter is new, place a piece of paper over the air intake (front) while the unit is running at full speed. Now turn the unit off.

THE VERDICT

In conjunction with regular 'at source' dust extractors, this compact micro filter is ideal for the typical small workshop. The health benefits are obvious but this unit will also help keep the workshop wonderfully free of dust. This really is a case of being grateful for small mercies.

Filter changing is simple, one screw

Time how long it takes for the paper to slide off and make a note of it on the piece of paper. Periodically repeat the test and when the time lapse is half of what it was when the filter was new, it needs changing.

SPECIFICATIONS

Voltage.....	240V
Power consumption.....	25W
Height.....	220mm
Width.....	205mm
Depth.....	172mm
Weight.....	3.3kg
Price (rrp).....	£99.99 (inc VAT)

- The motor is ingress protected to IP44
- The case is powder-coated for a durable finish
- The filter is made from flame retardant, polyvee glass fibre

Tel: 023 9250 2999 for further information including your nearest stockist.