

# Microfog 9ES / 35ES / 9EP / 35EP

A Range of Robust and Durable Thermal Foggers



The Microfog range comes in four model choices with two engine capacities of 18.7 kW or 11 kW and either HDPE plastic or stainless steel fuel and solution tanks. The 35 models are the most powerful and the 9 models are shorter and more compact in length so ideal for operation in more confined spaces.

The Microfog range is designed for the application of insecticides to control flies and mosquitoes, fumigants to control stored product pests, disinfectants and other products applied as a finely atomised fog solution typically around 4-8µm in particle size.

All models are certified as compliant to the latest World Health Organisation specifications for portable thermal foggers for vector control.

- Fully compliant with international standards for vector control equipment
- Easy start ignition system
- New intake design and spark ignition system eliminates petrol overflow
- Accurate droplet size control
- Unique injection system minimises exposure to hot gasses
- Reversible fog tube for oil or water-based formulations
- Automatic emergency solution cut off valve

## Versatile and efficient foggers

Produced from high quality materials, the Microfog range of durable thermal fogging machines are used to disperse liquids as fine, accurately sized particles in the range of 5 – 10 µm (oil) and 10 – 30 µm (water). Suitable for operating in indoor and outdoor environments. Foggers are used for:

- Routine mosquito control in urban environments
- Control of important human and animal disease vectors
- Insect and disease control in warehouses and agricultural stored products
- Routine fogging in food premises
- Disinfection and fogging in poultry, pig and dairy houses
- Fogging in plantation crops

The unit can be used with most water and oil based formulations including fungicides, insecticides, miticides, odour neutralisers, biocides and disinfectants.



Microfog 35ES (stainless tank)



Microfog 35EP (HDPE tank)

## Durable and reliable construction

The Microfog range is fully compliant with international standards for vector control equipment. Certificates are available.

All the component parts are manufactured from high grade materials resistant to UV and chemical degradation. The resonator tube is also made from high grade steel which is resistant to heat. The fogger has a large diaphragm carburettor with a cast aluminium body for reliable performance and durability, as well as a brass precision engineered fuel injector and air/fuel mixer.

The Microfog foggers are equipped with an electronic ignition system which enables immediate start up. The unit is also equipped with an automatic emergency solution cut off valve for enhanced safety. Microfog's unique injection system minimises exposure to hot gasses which means active ingredients are not exposed to excessive heat.

The machines have a reversible fog tube to enable the use of oil or water-based formulations and are supplied with a tool kit, funnel, ear defenders and a detailed instruction manual.



Microfog 9ES (stainless tank)



Microfog 9EP (HDPE tank)

Specification	35ES & 35EP	9ES & 9EP
<b>Dimensions (cm):</b>	27cm W x 34cm H x 136cm L	27cm W x 34cm H x 114cm L
<b>Weight (empty):</b>	8.0 Kg (ES) 7.8Kg (EP)	7.6Kg (ES) 7.1Kg (EP)
<b>Combustion chamber output:</b>	18.7 kW (approx)	11 kW (approx)
<b>Fuel tank:</b>	1.2 l Stainless (ES) or HDPE (9EP)	1.2 l Stainless (ES) or HDPE (9EP)
<b>Fuel consumption:</b>	2.0 l/h (approx)	1.2 l/h (approx)
<b>Solution tank:</b>	6.0 l Stainless (ES) or HDPE (9EP)	6.0 l Stainless (ES) or HDPE (9EP)
<b>Solution output:</b>	8 – 42 l/h (approx)	8 – 42 l/h (approx)
<b>Pressure in solution tank:</b>	0.3 bar (approx)	0.3 bar (approx)
<b>Solution nozzles:</b>	0.8 – 2.0 mm	0.8 – 2.0 mm
<b>Ignition power source:</b>	4 x 1.5 volt batteries	4 x 1.5 volt batteries
<b>Standard accessories</b>		
<b>1 set of solution nozzles:</b>	0.8mm = approx. 10 l/h 1.0mm = approx. 15 l/h 1.2mm = approx 20 l/h	0.8mm = approx. 10 l/h 1.0mm = approx. 15 l/h
<b>1 fuel funnel, 1 solution funnel</b>	1 set of maintenance tools	1 set of maintenance tools
<b>1 set of cleaning tools</b>	1 solution suction pipe, long	1 solution suction pipe, long
<b>1 set of seals and diaphragms</b>	1 instruction manual	1 instruction manual