

Micronex

A versatile mistblower attachment for low and ultra low volume spraying



The Micronex rotary atomiser attachment allows most motorised mistblowers to be converted for low and ultra low volume (ULV) spraying to improve spray coverage and increase productivity. The Micronex attachment is particularly suitable for ULV application to control migrant pests such as locusts, as well as flies and mosquitoes. The Micronex attachment can also be used for low volume applications to control pests in horticultural crops, vineyards, fruit trees and plantations.

- Converts most motorised mistblowers for low and ultra low volume spraying
- High work rates for fast and efficient operation
- Evenly sized droplets due to Controlled Droplet Application (CDA) technology
- Lightweight and simple to attach

An effective and simple sprayer conversion for motorised mistblowers

Retro-fitted to a motorised mistblower, the Micronex attachment consists of a simple and compact rotary atomiser which allows for low volume CDA (Controlled Droplet Application) of insecticides against a range of insect pests.

The spray head design incorporates a Micron X1 rotary atomiser that is driven by the airstream from the mistblower - at rotational speeds between 8,000 and 12,000 rpm dependent on the air velocity. This produces small, even-sized spray droplets (typically 50-100 μ m VMD) which are entrained in the airstream and carried to the pest target. The unit is suitable for ULV (ultra low volume) application at volume rates typically between 0.5 - 3.0 l/ha or for use with water miscible products at low volume rates typically in the range of 10 - 20 l/ha.

Micronex can be supplied in two versions: the basic version without the handle and the Micronex Flo version. The Micronex Flo spray head features a handle with an on/off trigger valve and in-line filter and comes with interchangeable orifice restrictor plates to regulate flow rate.

Spray can be projected up to 8 metres in height or can cover swath widths of up to 50m when spraying with a prevailing wind to target insect pests in crop or open vegetation.



Micronex Flo spray head attachment complete with a flow control valve/handle.



Basic Micronex head featuring air-driven X-1 atomiser for accurate droplet size control.

Specification

Weight:	(Micronex Basic)	350g
	(Micronex Flo)	739g
Length:		35cm
Diameter:		14cm (Guard)
Air inlet tube diameter:		60 - 68mm
Chemical flowrate:		0.05 - 0.3 l/min
Spray droplet size:		50- 100 μ m VMD (depending on air velocity)

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