

ULV Aerosol-Generator U 15 HD-M



Technical specifications

Weight in kg, approx.	166
Dimensions LxWxH in cm	87 x 79 x 91
Engine	11 hp, 4 cycles
Drive	2 V-belts
Side channel blower	
Discharge rate (m³/min)	3,0 at 4000 rpm
Pressure (bar)	0,3
Remote control system	Electric starter for engine solenoid valve for fog solution
Fuel tank capacity in l	6,0
Fuel consumption, l/h	2,5
Formulation tank in l, made from stainless steel	60
Battery	12 Volts DC, 36 Ah, charger
Output water, in l/h	20
Number of nozzles	2

Droplet size data for the IGEBA ULV Aerosol-Generators

Ambient temperature:	21,4 °C
Formulation temperature:	22,0 °C

Nozzle output	Liquid	'D(v,0.5)'	'D(v,0.9)'
20l/h through two nozzles (one nozzle measured only)	water	13,4 µm	36,4 µm
10 l/h trough one nozzle only	water	11,8 µm	27,9 µm
10l/h through two nozzles (one nozzle measured only)	water	11,8 µm	28,1 µm

The above tests have been carried out using water due to the fact that the use of water as a diluent can significantly reduce treatment costs and are more environmentally acceptable.

What does ULV mean?

ULV is defined as the ultra low volume application rate per unit area/space which guarantees economical pest control.

The aim is to keep the application rate as low as possible and thereby diminish both the cost of the total quantity applied as well as the actual treatment time. The minute droplets (aerosols) remain suspended in the air for hours to ensure the coverage of all indoor surfaces, and that of leaves and bushes in the open air. In this manner lethal contact with the insect pests that are to be controlled is maintained for prolonged periods.

Benefits

This application technique is exceptionally safe!

The driver's cab can be kept completely free from chemicals through remote control with the functions „Engine Start/Stop“ and „Application Start/Stop“ by means of a control box.

The aerosol generator operates very efficiently!

Adjustable spray heads ensure that the operating direction is variable right through 360°. Moreover, every nozzle can be operated individually. Saving of pesticide is obvious driving at lower speeds.

The aerosol generator is very reliable!

Optionals

- coupling with spray hose, 5-10 m long with nozzle
- kit for treatment of city sewerage through man-holes

Also available with electric motor, 4 KW, 3 x 400 Volts IGEBA U 15 E

„This insecticide application equipment has been manufactured in accordance with the WHO Specifications on Equipment for Vector Control, WHO/VBC/89.972.“

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