Product Bulletin

pulsFOG®

Thermal Fogger

K-22-10-STD[1)]

K-22-10-O[2)]

stationary

- small tubular frame

Technical data:

Weight empty:	18 kg (without solution tank)
Size (length x breadth x height):	132 x 38 x 47 cm
Capacity of solution tank:	55 litres (square version) made of polyethylene
Capacity of fuel tank:	10 litres
Cubic capacity of engine:	1000 cm^3
Max. performance of engine:	37,4 kW (50,8 hp, 32.200 kcal/h)
Max. fuel consumption:	4 l/h
Automatic ignition:	Electronic ignition coil fed by 4 x dry batteries = 6V
Standard starting device:	Manual start
Flow rate:	10 - 75 l/h (according to nozzle size used)
Standard flow rate:	40 l/h
Droplet size spectrum (depending on oil viscosity and nozzle size used):	< 25 µm (oil) < 60 µm (oil/water) < 150 µm (water)
Optional:	• Automatic cut-off device • Electrical starting device • Remote control including automatic cut-off device and manual start • Turntable

Fogging technique and application:

Thermal fogging is the generation of ultra-fine droplets in a range of 1-50 µm using thermo-pneumatic energy. Liquid substances are vaporized in the unit and form ultra-fine aerosols by condensing on contact with cool ambient air. Thermal fogging is used for any pest control task where active substances should be uniformly distributed even in inaccessible places, without leaving undesirable residues.

The fogging technique is the solution for treating large areas and spaces with a minimum quantity of pesticide solution, less operational work and with little harm to the environment (less residues, no penetration into the ground), e.g. in the field of public health, stock protection, plant protection, disinfection, decontamination, deodorization and cinema effects.

[1)] **Standard-units** are designed to fog water-based, non-flammable fogging solutions and suspensions.
[2)] **O-units** are designed to fog inflammable and non-flammable fogging solutions but not suspensions.

Subject to technical changes 10/2011

TÜVRheinland CERT

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