

TIFA ULV-HD PLUS

Space Spray Techniques :-

- 1 - 1.00 L/Hr - 10-50 micron
- 3 - 4.80 L/Hr - 15-75 micron
- 5 - 10.91 L/Hr - 20-90 micron
- 7 - 18.46 L/Hr - 25-105 micron
- 9 - 20.00 L/Hr - 30-125 micron
- 11 - 24.00 L/Hr - 35-140 micron
- 13 - 27.00 L/Hr - 50-150 micron
- 15 - 30.00 L/Hr - 55-175 micron
- 17 - 40.00 L/Hr - 60-200 micron

BTI Spray Techniques :-

- 3 - 57.00 L/Hr - 50-200 micron
- 6 - 75.00 L/Hr - 60-210 micron
- 9 - 87.00 L/Hr - 60-220 micron
- 12 - 98.00 L/Hr - 60-240 micron
- 15 - 110.00 L/Hr - 60-250 micron



Satu-satunya mesin ULV yang boleh membuat semburan kawalan nyamuk & jentik-jentik dalam satu masa operasi



18hp V-twin 4 cycles Engin untuk mencapai kelajuan yang mencukupi

Extension S-Elbow timbulkan nozzle di luar kenderaan bagi mengelak semburan racun masuk ke dalam kenderaan



Sistem Rotary Blower yang lebih kuat untuk pecahan saiz racun semburan yang lebih berkesan berbanding sistem blower yang lain

Reka cipta 1 nozzle adalah untuk tekanan udara tertumpu bagi mendapat jarak semburan yang lebih jauh & pecahan racun yang lebih berkesan



Dilengkapi dengan dua tangki racun untuk kegunaan dua jenis semburan dalam satu masa operasi (kawalan nyamuk & jentik-jentik)



Syarikat Perniagaan Kemuncak (Since 1984)

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TIFA ULV-HD Plus

FOR THE MOST EFFECTIVE SPRAYING TECHNIQUES

ULV, LV, AEROSOL, MIST SPRAY AND COLD FOGGING TECHNIQUES WITH FULL CONTROL OF "OUTPUT" FROM 0.10 LIT/HR UP TO 110 LIT/HR AND 99.9% ACCURACY OF PARTICLE SIZE SELECTOR



1. Unit is operated by 18 HP twin cylinder 4-cycle, gasoline, air cooled internal combustion engine.
2. Unit is equipped with finely machined heavy duty turbine blower to produce air up to 200 km/hr to disperse chemicals up to 150 meters horizontally and up to 50 meters vertically.
3. The fog head, made of cast iron, attached to the machine has mobility of 360 degrees horizontally and vertically and all the internal parts of the machine are stainless steel.
4. A remote control device is available to run the machine from the inside of a vehicles cab.
5. 12-volt dry car battery is equipped with the machine for independent operation.
6. Unit is-equipped with either a 20 liter (5 gallon) or 60 Liter (15 gallon) stainless steel formulation tank.
7. Machine is equipped with a tachometer, hour-meter and ammeter which are located on the front panel.
8. The remote control panel consists of a heavy-duty pressure gauge, thermometer and high quality flowmeter, all mounted on a portable frame.
9. Dimensions of the unit are length 49" (122.5cm) x width 43" (107.5cm) x height 38" (95.0cm) and weighs 450 lbs. (200kg).
10. The only commercially available machine with a patented heavy duty silencer to minimize the noise level (less than 68 decibels).

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TIFA MODEL "ULV-HD PLUS" POWERFUL AEROSOL GENERATOR

MULTI-PURPOSE APPLICATIONS

FREE
LOCAL TRAINING
PROGRAMS



For Control of Locusts, Grasshoppers, Quelia Bird
and other Migrant pests



For Mosquito, Housefly and Other Public
Health Insects and Disease Control Program



For Control of major Agricultural Insects
and Diseases



For Control of Dubas Fly and
Date Pests



For Control of Blue Fly and Dry Fish

"MACHINE IS BEYOND COMPETITION"

OPERATING MACHINES MANUFACTURED OCTOBER 2007 OR LATER:

When commencing to spray, the on/off switches located on the front panel and the remote control device must both be in the "ON" or "OFF" position. These switches work in conjunction with each other and if not in the same position, they will cancel each other out. Also the start push buttons on the front panel and remote control device carry out the same function. The engine can be started using either of these buttons. This enables the engine to be started from either inside the driver's cab or at the front panel.

Discharge Performance: Flow Rates and Some Droplet Sizes

Flow Rate and Volume Mean Diameter (V.M.D. in Microns) at
Different Particle Size Selector Valve Settings

I. ULV TECHNIQUES

<u>Flow Meter Settings</u>	<u>Flow Rate (Liters/Hr.)</u>	<u>Flow Rate (Gal./Hr.)</u>	<u>Spectrum of Droplet Size</u>	<u>Volume Mean Diameter (V.M.D.)</u>
1	1	0.26	10-50	30 microns
3	4.8	1.27	15-75	50 microns
5	10.91	2.88	20-90	75 microns
7	18.46	4.88	25-105	85 microns
9	20.00	5.28	30-125	100 microns
11	24.00	6.34	35-140	125 microns
13	27.00	7.13	50-150	135 microns
15	30.00	7.93	55-175	150 microns
17	40.00	10.57	60-200	160 microns

Percentage efficiency at each particle size setting is 99%

RMP = 2600 Pressure = 40 PSI Test Liquid: Deodorized Kerosene

II. COLD FOGGING, MIST AEROSOL, LOW AND MEDIUM VOLUME TECHNIQUES

<u>Flow Meter Settings</u>	<u>Flow Rate (Liters/Hr.)</u>	<u>Flow Rate (Gal./Hr.)</u>	<u>Spectrum of Droplet Size</u>	<u>Volume Mean Diameter (V.M.D.)</u>
3	57.00	15.00	50-200	160 microns
6	75.00	20.00	60-210	170 microns
9	87.00	23.00	60-220	175 microns
12	98.00	26.00	60-240	180 microns
15	110.00	29.00	60-250	190 microns



The TIFA ULV-HD PLUS machine is effective in controlling and eliminating disease organisms, flies, mosquitoes, insects and odors at dumpsters, garbage containers and trash facilities. The optional AACS spray handle and hose are used in These special applications