



P-2 ULV BACKPACK

(1.6 Gallons/6 Liters)

The P-2 ULV Backpack from Guarany uses the same advanced engineering and quality concepts of larger ULV units, yet only weighs 27.8 lbs (12.6 kgs), making it ideal for public health mosquito control in small and confined outdoor areas. The P-2 ULV Backpack features an **air cooled, 2-Cycle Kawasaki engine,* 1/2 gallon fuel tank (2L), and eight flow rate settings.** The formulation tank is corrosion resistant with a thin profile that sits snugly flat-to-the-back for greater operator comfort. Best of all, **set-up time is only 5 minutes!**

When you need portability in a ULV applicator, the P-2 ULV Backpack is the answer. The P-2 offers the day in and day out performance and rugged dependability public health vector control professionals need and want.



New!

P-2 has a new Joystick Grip: This new and improved design allows for comfortable control of the equipment's main functions by placing the control lever comfortably at the operator's hand position.

Other Features:

ULV Nozzle: Supplied with seven metering restrictors to provide flow rates between 0.5 and 8.5 fl oz/min (14 to 250 ml/min), for true ULV adulticide droplets. In addition, a restrictor is provided for residual application.

High Performance and Low Fuel Consumption: Kawasaki TK065D air cooled 2-cycle engine. Tank resistant to UV rays and corrosion.

Flow Rate Chart

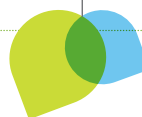
Flow Restrictor (color)	Flow Rate (ml/min) (water)	VMD (microns) (water)	Flow Rate (oz/min) (water)	Flow Rates (soy oil) (ml/min)	Flow Rate (soy oil) (microns)
Purple	14*	23.5 µm	0.5	14	25.3 µm
Gray	50	23.3 µm	1.7	30	26.0 µm
Red	80	24.0 µm	2.7	35	26.1 µm
Green	110	23.7 µm	3.7	44	26.7 µm
Yellow	150	23.6 µm	5.1	60	27.3 µm
Black	200	27.0 µm	6.8	80	28.5 µm
Blue	250	27.7 µm	8.5	100	28.1 µm
Orange	600	Residual Application	203	-	Residual Application

Guarany performed VMD flow rate tests using the laser diffraction technique. Filter mesh 50 recommended.

** Filter mesh 100 recommended.*



*** Zero Maintenance and Engine Durability with use of 2T Oil**



P-2 ULV BACKPACK

Available Exclusively from Clarke

The lightweight yet rugged P-2 ULV backpack was designed with the applicator in mind. This backpack has a highly efficient spray system for ULV applications for oil and water-based products. And with features such as a low fuel consumption engine and a corrosion resistant insecticide tank, the P-2 is the best choice for a dependable backpack.

The P-2 is fully compliant with the requirements of the WHO Equipment for Vector Control Specification Guidelines (WHO/HTM/NTD/WHOPES/2010.9) revised edition 2010.

Technical Specifications

Engine	
Kawasaki TK065D	1 year warranty / 2 stroke
Capacity (cm ³)	64.7 cc
Power (hp/kw)	4.6 HP (3.4 kW)* / 3.89 HP (2.9 kW)**
Rotation (rpm)	minimum 2600 / maximum 7300
Noise Level	98+ (db) ³
Weight/Capacity/Dimensions	
Dry Weight (lbs/kg)	27.8 / 12.6
Chemical Tank – Liquid (gals/L)	1.6 / 6.0
Fuel Tank (gals/L)	0.5 / 2.0
Horizontal Spray Reach (ft/m)	59.1 / 18.0
Vertical spray reach (ft/m)	39.4 / 12.0
Dimensions (in/mm)	19.5 x 15.0 x 23.8 / 495 x 380 x 605
Shipping Carton (in/mm)	19.7 x 16.3 x 24.0 / 500 x 415 x 610

* Standard JIS B8017

** Standard SAE J1349 / ISO 8893



Eight color-coded interchangeable flow restrictors enable ULV droplets from 23.3 µm to 27.7 µm plus a full open restrictor for residual/barrier applications.



Quick disconnect fittings make for easy removal of hoses when necessary.



Unique agitation control design uses air-flow in the bottom of the tank to keep formulation from settling.



Narrow profile formulation tank design, ventilated padding with adjustable straps fits snugly to the back to reduce operator fatigue.



New!

Ergonomically designed Joystick Grip for comfort & ease of use, complete with a unified control center for single-handed operation.



Making communities around the world more livable, safe and comfortable.

GLOBAL HEADQUARTERS

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