Environmental Solutions & Professional Products

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 snuggly 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.

See What’s New!

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.

Fingertip Control: Unique design allows for better control of the equipment’s main functions by placing the control lever comfortably at the operator’s hand position.

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

Flow Rate Chart

<table>
<thead>
<tr>
<th>Flow Restrictor (color)</th>
<th>Flow Rate (ml/min) (water)</th>
<th>VMD (microns) (water)</th>
<th>Flow Rate (oz/min)</th>
<th>Flow Rates (soy oil) (ml/min)</th>
<th>VMD (microns)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purple</td>
<td>14</td>
<td>23.5 µm</td>
<td>0.6</td>
<td>14</td>
<td>25.3 µm</td>
</tr>
<tr>
<td>Gray</td>
<td>50</td>
<td>23.3 µm</td>
<td>1.7</td>
<td>30</td>
<td>26.0 µm</td>
</tr>
<tr>
<td>Red</td>
<td>80</td>
<td>24.0 µm</td>
<td>2.7</td>
<td>35</td>
<td>26.1 µm</td>
</tr>
<tr>
<td>Green</td>
<td>110</td>
<td>23.7 µm</td>
<td>3.7</td>
<td>44</td>
<td>26.7 µm</td>
</tr>
<tr>
<td>Yellow</td>
<td>150</td>
<td>23.6 µm</td>
<td>5.1</td>
<td>60</td>
<td>27.3 µm</td>
</tr>
<tr>
<td>Black</td>
<td>200</td>
<td>27.0 µm</td>
<td>6.8</td>
<td>80</td>
<td>28.5 µm</td>
</tr>
<tr>
<td>Blue</td>
<td>250</td>
<td>27.7 µm</td>
<td>8.5</td>
<td>100</td>
<td>28.3 µm</td>
</tr>
<tr>
<td>Orange</td>
<td>600</td>
<td>27.6 µm</td>
<td>203</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

*Filter mesh 100 recommended.
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.


**Technical Specifications**

**Engine**
- **Kawasaki TK065D**
- Capacity (cm³): 64.7
- Power (hp/kw): 4.6 HP (3.4 kw)* / 3.89 HP (2.9 kw)**
- Rotation (rpm): minimum 2600 / maximum 7500

**Weight/Capacity/Dimensions**
- Dry Weight (lbs/kl): 27.8 / 12.6
- Chemical Tank — Liquid (gal/L): 1.6 / 6.0
- Fuel Tank (gal/L): 0.5 / 2.0
- Horizontal Spray Reach (ft/m): 591 / 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 418 x 610

* Standard JIS B4017
** Standard SAE J1499 / 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.

An in-line, ergonomically placed control cluster makes for single-handed operation.