

Compression Sprayer for Disease Vector Control

This manually operated compression sprayer is specifically engineered for global and national disease vector control programs.

It is designed to meet standardized application procedures used in residual pesticide application for malaria control and public health initiatives.

With over 70 years of proven durability, uniformity, and performance, this sprayer is built to perform under the most rigorous and demanding field conditions.



Description

The sprayer is manufactured in high-quality chromium-nickel stainless steel and is available in two capacity configurations:

- Total Capacity: 11.5 L (3.0 Gal.)
- Working Capacity: 10.0 L (2.6 Gal.)

- Total Capacity: 13.3 L (3.5 Gal.)
- Working Capacity: 10.0-11.0 L (3.0 Gal.)

Critical service parts are interchangeable regardless of year of manufacture, ensuring uninterrupted vector control programs with reduced maintenance costs.

The equipment has been found by IPARC (Harper Adams University, UK) to be fully compliant with Equipment for Vector Control Specification Guidelines, 2nd Edition (WHO 2018).

Standards Compliance

- Fully compliant with Equipment for Vector Control Specification Guidelines, 2nd Edition (WHO, 2018)
- Complied with WHO Specification number WHO/VBC/89.970

Technical Specifications

- Tank Material: Chromium-Nickel Stainless Steel
- Tank Capacity Options:
 - 11.5 L total / 10.0 L working
 - 13.3 L total / 10.0-11.0 L working
- Working pressure: 6 Bar
- Weight: 6.5 Kg
- Pressure Gauge: Integrated
- Shutoff Cock: Included
- Valve Type: Thrustless™ valve
- Strap Width: 50 mm (2 in.)

Features & Benefits

Features

- Thrustless™ Shut Off – leak-resistant Teflon® bearing, straight-line thrustless action, locks on and off for control
- Pressure Release – safely releases pressure
- Pressure Gauge – moisture and shatter resistant dial cover
- Brass Extension – long brass wand for reach and aim
- CF Valve – maintains constant pressure rate and conserves fluid
- Foot Rest – provides balance and leverage
- Stainless Steel Tank – resistant to pesticides and oxidation
- Carrying Strap – heavy-duty strap for comfort
- Epoxy-Coated Galvanized Steel Pump – solvent and pesticide resistant
- Kem Oil Hose – high-pressure hose with spray-resistant liner
- Large Fill Opening – easy to fill, empty, and clean without removing pump

Benefits

- Designed for continuous field operation in vector control programs
- Maximum service life and reliability
- Reduced downtime due to interchangeable service parts
- Optimized cost/benefit with lower maintenance requirements
- Proven durability under demanding environmental conditions

Applications

- Malaria residual pesticide application
- Public health disease vector control
- Emergency and disaster response spraying
- National and global health programs

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