

# LONDON FOGGERS

Used everywhere in the world

since 1968

## LONDONFLOW:GPS

The easiest and most affordable GPS based variable flow system on the market!



For models 18-20 and XKE

GARMIN

### Features of the GPS SYSTEM

- Operates totally independent of the vehicle and no separate batteries or components in the vehicle required for operation.
- Requires 1 step calibration at the maximum flow rate desired at 20 miles per hour. No programming involved.
- Flow rate automatically increases or decreases proportionately with vehicle speed, yet provides a "comfort level" between 20 and 23 miles per hour while maintaining maximum flow rate @ the 20 mile per hour output level.
- GARMIN based GPS means seamless operation
- Speed parameters are predetermined and do not require adjustment
- Calibration method is the same as for fixed flow
- Flip a switch to select variable flow or fixed flow
- Fixed flow is available when GPS signal may not be available or for spot treatment

GPS signals are received by the Garmin Antenna from 6 of the closest satellites at 16 times per second. The satellites triangulate vehicle location and the embedded software determines vehicle speed. As vehicle speed decreases or increases the software will vary voltage to the FMI pump, and increase or decrease the pump RPM's.

This varies insecticide output consistent with vehicle speed while traveling between 3 and 23 miles per hour.

### Typical Example:

Calibrated Flow Rate = 12 Ozs. per minute

Vehicle Speed (mph)	Flow Rate (OZ/Minute)	Flow Rate (ML/Minute)
0-3	None	None
3-20	1-12 Proportional	29.6-355.2 Proportional
20-23	12	355.2
23+	None	None

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Mosquito, Vector, Pest, and Odor Control

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**Included:**

- 1- GPS Board and pump hardware
- 2- Garmin Antenna
- 3- Cab Control with indicator light



**GPS COMPARISON**

LONDONFLOW  
GPS

OTHER COMPETITORS  
GPS

	LONDONFLOW GPS	OTHER COMPETITORS GPS
<b>1</b> Designed, supported, and tested by manufacturer with 40 years of experience	YES	NO
<b>2</b> Self contained unit, All of components located on the sprayer (for ease of moving sprayers to different trucks or for service)	YES	NO
<b>3</b> Speed Parameters are preset at 3-23 mph	YES	NO
<b>4</b> Hardware must be mounted inside vehicle	NO	YES
<b>5</b> 12 Volt battery connection required to the vehicle	NO	YES
<b>6</b> Separate PC board needed in Cab of vehicle	NO	YES
<b>7</b> GPS antenna mounted directly on fogger	YES	NO
<b>8</b> Additional battery required inside sealed unit for memory of calibration (able to drain/fail and make system inoperable)	NO	YES
<b>9</b> Handheld terminal required to calibrate	NO	YES
<b>10</b> Calibration is one step at maximum flow rate desired at 20 mph	YES	NO

**18-20**  
High output ULV machine.



**XKE**  
Large area coverage ULV.  
Very simple to operate from truck or trailer.

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