



FOAM SYSTEMS

CAFSystems™

FIRE PUMPS

SIMULTANEOUSLY HIGH / LOW PRESSURE

# HL1250



Transmission  
Options



K

The compact, simultaneous High/Low pressure series pump from Waterous is ideal for an urban interface vehicle or wildland firefighting.

Designed for extreme conditions and capable of pumping high flow, high pressure and foam.

## PERFORMANCE

### High Pressure

- 100 GPM @ 600 PSI
- 400 l/min @ 40 bar

### Low Pressure

- 1250 GPM @ 150 PSI
- 5000 l/min @ 10 bar

# SPECIFICATIONS: VEHICLE MOUNTED: HL1250 SERIES

Designed to Pump Both High and Low Pressure Simultaneously

HL Series Pump Performance														
	Low Pressure							High Pressure						
Model	GPM	L/min	L/Sec	PSI	Bar	kPa	MPa	GPM	L/min	L/Sec	PSI	Bar	kPa	MPa
HL1250	1250	5000	83	150	10	1000	1.0	100	400	6.5	600	40	4000	4.0

## Pump Features

- Designed to pump both high and low pressure simultaneously
- Lightweight, corrosion-resistant construction
- Vacuum-activated Primer
- Automatic thermal relief valve
- Self-adjusting mechanical seal
- Anodized aluminum intake
- Anodized aluminum discharge manifold with six (6) outlets

## Pump Specifications

### Pump Body:

Corrosion-resistant anodized aluminum

### Low Pressure Impeller:

Wear-resistant anodized aluminum, flame-plated hubs

### High Pressure Impeller:

Bronze

### Impeller Shaft:

Stainless steel

### Wear Ring:

Bronze

### Shaft Seal:

Maintenance-free mechanical seal

### Pedestal:

Constructed of anodized aluminum

### Intake:

Anodized aluminum

### Discharge Manifold:

Anodized aluminum or bronze with six discharge outlets

### Interstage Crossover Valve:

The valve incorporates both a built-in high pressure relief valve and a removable strainer for the high pressure stage inlet

## Optional Equipment

### Round the Pump (RTP) Foam Proportioner:

The Waterous RTP Foam Proportioner consists of an eductor, foam proportioning valve and an ON/OFF control valve. When activated, a portion of the pump discharge flow is directed to the eductor, causing a pressure drop in the eductor, which draws foam concentrate through the proportioning valve. The foam mixes with the water flowing through the eductor. The foam solution then enters the pump through the pump intake and finally delivered to the discharge outlets.

### K Series Transmission:

The K Series Transmission is normally used when a truck transmission mounted power take-off is selected as the pump drive.

**Housing:** Close-grained, gray iron

**Gears:** Helical, precision cut, crown shaved for proper load distribution and quiet operation.

### Material:

Bronze construction available.

### Total Protection Package (TPP-5)

The Total Protection Package is a comprehensive warranty that increases your standard warranty to include labor expenses to dismantle, remove and reinstall covered products or parts, F-2626.

## Warranty

Waterous Five-Year Limited Warranty.

## Conditions of Sales

For details on Waterous Conditions of Sales, refer to F-2190, *Conditions of Sales*

HL Series Pump Weight		
Model	Pounds	kg
HL1250	275	125

## HL1250 Series Low Pressure

