

# SPECIFICATIONS: VEHICLE MOUNTED: HLU SERIES

Designed to Pump Both High and Low Pressure Simultaneously

HLU Series Pump Performance														
HLUD HLUK HLUPA	Low Pressure							High Pressure						
	GPM	L/min	L/Sec	PSI	Bar	kPa	MPa	GPM	L/min	L/Sec	PSI	Bar	kPa	MPa
	1000	4000	65	150	10	1000	1.0	100	400	6.5	600	40	4000	4.0
	1250	5000	80											
1500	5600	100												

## Pump Features

- Designed to pump both high and low pressure simultaneously
- Lightweight, corrosion-resistant construction
- Automatic thermal relief valve
- External high pressure relieve 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

### External High Pressure Relief Valve (EHPRV):

EHPRV is standard equipment. OEM may choose to use their own high-pressure relief valve.

## Warranty

Waterous Seven-Year Limited Warranty.

## Conditions of Sales

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

## Optional Equipment

### Pressure Mode Controller

Allows the operator to automatically change from Low Pressure to High Pressure.

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

The Waterous RTP Foam Proportioner consists of an eductor, foam proportioning valve and an ON/OFF control valve.

### Separately Mounted Primer:

VPOS electric, oil-free rotary vane primer with a pump-mounted vacuum activated priming valve (VAP) or VENTURIS Air Primer.

### 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: Aluminum

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

### PA Series Transmission (PTO Driven)

Housings: Cast aluminum body

Drive Ratios: 1.71, 1.91, 2.05

### Drive & Driven Sprockets

Made of a steel. All sprockets are hardened and have ground bores.

### Drive Chain

High-strength involute form chain.

### Bearings

Anti-friction ball bearings

### Optional Rear Facing Output Shaft

1-3/8-10 SAE spline for Spicer 1280 or 1310 series end yokes

### 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.

HLU Series Pump Weight		
Model	Pounds	kg
HLUD	230	104
HLUK	265	120
HLUPA	295	134

## HLU Series Low Pressure

