



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*

HLU Series Pump Performance

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

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 & Driven Sprockets

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

