SPECIFICATIONS: VEHICLE MOUNTED: HLU SERIES

Designed to Pump Both High and Low Pressure Simultaneously

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

Pump Features

Designed to pump both high and low pressure simultaneously

• Lightweight, corrosion-resistant construction

Automatic thermal reliefvalve

• 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):

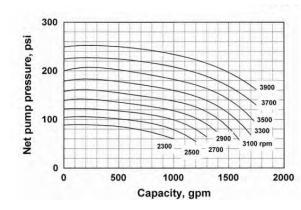
EHPRV is standard equipment. OEM may choose to use their own high-pressure relief valve.

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

