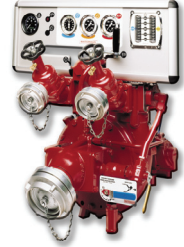




## SPECIFICATIONS – VEHICLE MOUNTED: MODEL HL200/HL300

### Global Pump Power

Specifically designed for installation in international-style fire vehicles, the compact, rear-mounted HL series pumps have built-in high-pressure relief valves. The HL200 has ratings from 2000 L/min @ 10 bar (low pressure) to 400 L/min @ 40 bar (high pressure). The HL300 has ratings from 3000 L/min @ 10 bar (low pressure) to 400 L/min @ 40 bar (high pressure) that may also provide brigades with pumps capable of high and low pressure simultaneously. Both HL models are backed by an industry exclusive five-year warranty.



#### Design Features:

- Meets EN 1028-1 and EN 1028-2 standards
- Designed to pump both high and low pressure simultaneously
- Light corrosion-resistant construction - Entire pump with intake, discharge manifold, discharge valves, pedestal weighs less than 107 kg.
- Waterous automatic piston primer system
- Easily accessible high pressure strainer
- Built-in high pressure relief valve
- Automatic thermal relief valve
- Self-adjusting, maintenance-free mechanical seal
- Low maintenance design

#### Pump Specifications:

##### Pump Body:

Corrosion-resistant anodized aluminum or bronze

##### Low Pressure Impeller:

Wear-resistant anodized aluminum, flame-plated hubs

##### High Pressure Impeller:

Bronze

##### Impeller Shaft:

Stainless steel

##### Wear Rings:

Bronze

##### Shaft Seal:

Maintenance-free mechanical seal

##### Pedestal:

Constructed of anodized aluminum, the pedestal supports the Waterous automatic piston primer and main bearings.

##### Intake:

Anodized aluminum or bronze with 30° droop, two auxiliary 4" side flanges

- HL200 available with 4 in. BSP, 5 in. Victaulic®, 110 mm Storz® or 150 mm Storz® connection
- HL300 available with 6 in. BSP or 5 in. Victaulic® connection

##### Discharge Manifold:

Anodized aluminum or bronze with six discharge outlets

##### Discharge Valves (Low Pressure):

(2) Anodized aluminum non-return valve with 2-1/2" BSP (HL200 only)

##### Interstage Crossover Valve:

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

#### Options and Weights:

##### 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.

##### Material:

Bronze (gunmetal) construction available.

**Weights: HL200 = 107kg HL300 = 111kg**

#### Industry-Leading Sales and Support

When you purchase Waterous equipment, not only do you get quality products, you get quality service. Our expert service technicians are the best in the business and they are always happy to answer any service questions you might have.

##### Sales/Applications Assistance

Phone: 651-450-5234 (Press 3)  
pumps@waterousco.com

##### Service Assistance

Phone: 651-450-5200  
Fax: 800-488-1228  
service@waterousco.com

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