

# SPECIFICATIONS – REFUELER RF-600

## Designed for Aircraft Service Vehicles (Refueling/Defueling)



The RF-600's hydraulic design allows a nominal 600 GPM rating with generous surplus capacity. In situations where a standard PTO refueler pump cannot provide the necessary power, the RF-600 is the right choice. Compact and lightweight, the RF-600 is built to accommodate the chassis of most commercially built fire trucks and tankers. The split shaft pump transmission and the pump are engineered and built by Waterous, the leading manufacturer of mid-ship fire pumps using split shaft transmissions.

RF-600 Performance					
GPM	L/min	PSI	bar	kPa	MPa
600	2250	90	6.2	620	0.62

### Pump Specifications

**Pump Body:**

Single piece aluminum, hard anodized

**Intake and Discharge Fittings:**

Victaulic connections, aluminum, hard anodized

**Impeller:**

End suction, Flame-plated (tungsten carbide), double hubs, hard anodized aluminum

**Impeller Shaft and Hardware:**

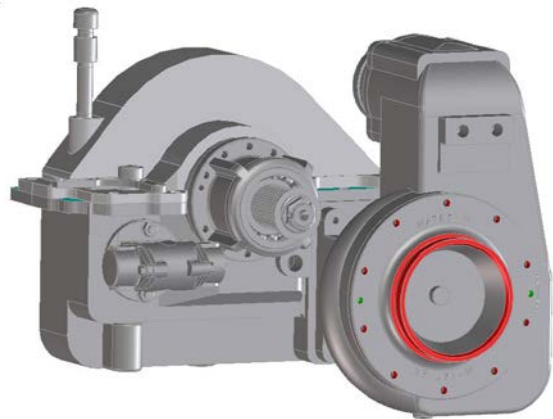
Stainless Steel

**Shaft Seal:**

Face-type mechanical seal

**Wear Rings:**

Reverse-flow, stainless steel



### Transmission Specifications

**Case:**

High tensile strength grey iron

**Chain:**

“Silent” Morse HV chain

**Ratio:**

3.10:1

**Driveline:**

2.35 inch, 46 tooth involute spline, 16,000 LB-FT (21,760 N-m) torque rating

**Shift:**

Constant mesh sliding collar, patented shift lock to hold selected position, air powered

**Shafts and Sprockets:**

Machined from alloy steel forgings, hardened and ground to size in critical areas

**Bearings:**

Deep groove ball bearing with continuous splash lubrication

**Tachometer:**

Mechanical tachometer connection provided, turns ½ input shaft speed

### Warranty

Waterous Two-Year Limited Warranty

### Conditions of Sales

For details on Waterous Conditions of Sales, refer to F-2190, *Conditions of Sales* located on the Waterous web site at [www.waterousco.com](http://www.waterousco.com) or by contacting Waterous.

### Industry Leading Sales and Support

When you purchase 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)  
[pumpsales@waterousco.com](mailto:pumpsales@waterousco.com)

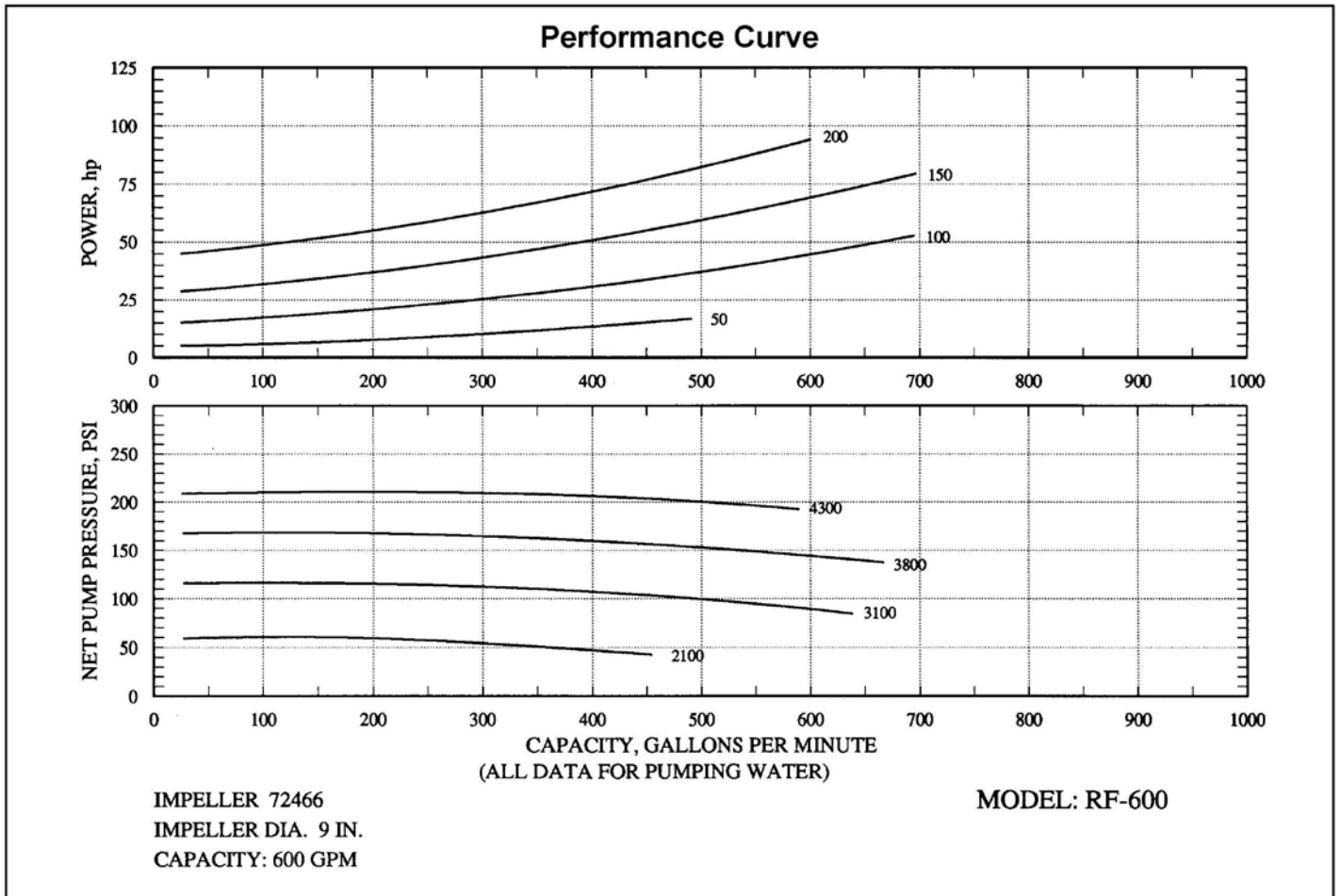
**Service Assistance**  
Phone: 651-450-5200  
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**THEN, NOW, ALWAYS. MOVING FORWARD.**

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Measurement	Length	Width	Height	Weight
US	22.50	26.75	20	300
Metric	57.0	68.00	51.0	136.0