



FOAM SYSTEMS

CAFSystems™

FIRE PUMPS

ARFF FIRE PUMPS

# CR/CRU



Transmission  
Options



QA



QB

The rugged and reliable Waterous CR / CRU single-stage centrifugal fire pump provides the discerning pro a large capacity pump either pedestal-mounted (CR, CRU models) or with an optional chain-driven transmission (CRQA, CRQB, CRUQB). This CR end-suction pump has a water delivery rated at 2050 GPM @ 250 PSI (7800 L/min. @ 17 bar). The CRU end-suction pump has a water delivery rated at 2640 GPM @ 250 PSI (10000 L/min @ 17 bar)

## PERFORMANCE

- 2050 to 2640 GPM (7800 to 10,000 l/min)
- Maximum Pressure: 250 PSI (17 bar)

# SPECIFICATIONS: MODEL CR/CRU HIGH-FLOW PUMP

## FOR ARFF, MUNICIPAL AND INDUSTRIAL APPLICATIONS

CR/CRU Pump Performance							
Model	FLOW			PRESSURE			
	GPM	l/min	l/sec	PSI	bar	kPa	MPa
CR	2050	8000	130	250	17	1700	1.7
CRU	2640	10000	165	250	17	1700	1.7

### Pump Specifications

#### Casing:

Gray iron (bronze optional)

#### Wear Rings:

Bronze replaceable wear rings to increase pump life and keep maintenance costs to a minimum.

#### Impeller:

Bronze, mechanically and hydraulically balanced to eliminate vibration.

#### Impeller Shaft:

Stainless steel, heat treated, ground to precise size and polished under shaft seal.

#### Seal Type:

Mechanical seal is standard (self-adjusting).

#### Intake:

8 inch (20.3 cm) flanged

#### Discharge:

5 inch (12.7 cm) Victaulic®

#### Discharge Positions:

Available in horizontal or vertical.

#### Bearings:

All bearings are oil-splash lubricated, anti-friction (ball-type), and located outside the pump casing to accurately align and support the impeller shaft assembly. Ball bearings are deep-groove or angular-contact type designed to carry both radial and axial thrust.

### Warranty

Waterous Seven-Year Limited Warranty (Fire Fighting Applications Only)

### Conditions of Sales

For details on Waterous Condition 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.

### Optional Equipment

- Priming System, see F-2418
- Pressure Control Systems:
  - Discharge Relief Valve, see F-897
  - Intake Relief Valve, see F-2192
- Corrosion Protection – Zinc Intake Screens and Anodes
- Overheat Protection Manager, see F-2422
- Drain Valves, see F-1158
- Discharge Valves, see F-1161
- Discharge Positions:
  - Available in 25° below horizontal, horizontal or vertical.
- Pneumatic Shift
- Transmissions Available:
  - QA (10-1/2 inch offset) **CR Pumps Only**
    - Chain Driven
    - Gray-iron Case
    - 1:1 ratio
    - 1.750-10 SAE spline with Spicer 1550 Series End Yoke
  - QB (18-1/4 inch offset) **CR Pumps Only**
    - Chain Driven
    - Aluminum Case
    - 1:06 ratio
    - 1.750-10 SAE spline with SPL Series 90 End Yoke
  - QB (18-1/4 inch offset) **CRU Pumps Only**
    - Chain Driven
    - Aluminum Case
    - 1:072 ratio
    - 1.750-10 SAE spline with SPL Series 90 End Yoke

### 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  
Fax: 800-488-1228  
[service@waterousco.com](mailto:service@waterousco.com)