



SPECIFICATIONS – ARFF: MODEL CZ

Your Versatile and Easy-To-Operate ARFF Pump

In the flexible CZ/CZU pumps, Waterous provides ARFF specialists pedestal-mounted, single-stage centrifugal fire pumps that deliver performances up to 950 GPM @ 260 PSI (3600 L/min @ 18 bar) with 5" Victaulic® inlet or (CZU) up to 1500 GPM @ 250 PSI (5700 L/min @ 17 bar) with 6" Victaulic® inlet. With vertically-split cases, the CZ pump offers easy operation and simplified maintenance. The CZ is also backed by an industry exclusive five-year warranty.



Design Features:

Waterous CZ pump construction features a mechanical self-adjusting seal, replaceable wear rings, a mechanically and hydraulically-balanced impeller for smooth operating and oil-lubricated, anti-friction ball bearings throughout.

Waterous pumps are built to fit individual requirements. A qualified apparatus application engineer can assist you in

determining which combination pump, truck chassis and engine will produce maximum performance to suit your needs.

Every pump is tested under full power before shipment to assure it meets established performance criteria.

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:

5 inch (12.7 cm) Victaulic

Discharge:

4 inch (10.2 cm) ANSI flange for an O-ring seal.

Discharge Positions:

Available in either 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.

Drive:

Direct drive with 1.97-10 spline for Spicer 3-4-3051 end yoke.

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)
pumpsales@waterousco.com

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