



FOAM SYSTEMS

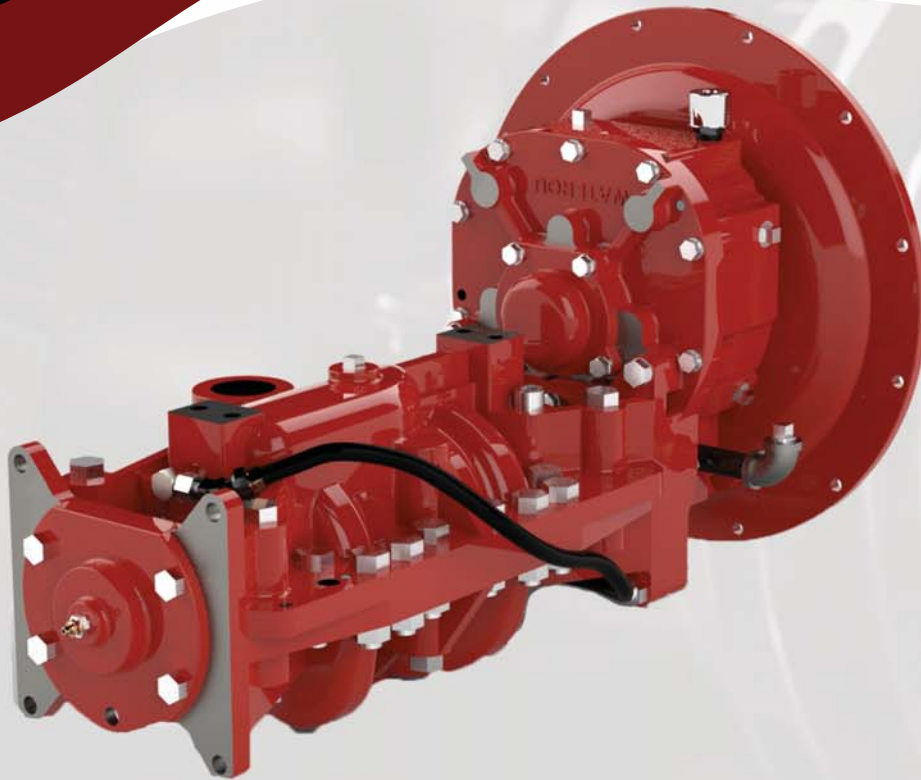
CAFSystems™

FIRE PUMPS

ARFF FIRE PUMPS

# CPT-4UHP

ULTRA HIGH PRESSURE



This ultra high-pressure performer is a lightweight four-stage centrifugal pump that delivers 90 GPM (350 l/min) at 1350 PSI (93 bar) to produce high-pressure fog, which can knock out fires quickly while the pumper is either in motion or stationary.

## PERFORMANCE

- 90 GPM @ 1350 PSI
- 350 l/min @ 93 bar

# SPECIFICATIONS – PTO DRIVEN: MODEL CPT-4UHP

## Knock Out Fires Quickly With High Pressure Fog

CPT-4UHP Pump Performance							
Model	FLOW			PRESSURE			
	GPM	l/min	l/sec	PSI	bar	kPa	MPa
CPT4-UHP	90	350	6	1350	93	9300	9.3

### Pump Features

#### Casings:

Two-piece, horizontally-split, high-tensile, close-grained, gray iron (bronze optional).

#### Wear Rings:

Ni-resist; special “stepped” design to reduce internal leakage and increase efficiency. Replaceable by undersize rings to prolong pump life and minimize maintenance costs.

#### Impellers:

Bronze, hydraulically and mechanically balanced - one integrally cast pair for the first and second stages and another for the third and fourth stages. Impeller hubs are “stepped” to minimize internal bypass.

#### Stuffing Boxes:

Adjustable braided flexible graphite (BFG) packing.

#### Rotation:

Available with either clockwise or counter-clockwise rotation of input shaft.

#### Bearings:

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

#### Intake:

2” (5 cm) NPT

#### Discharge:

1-1/2” (3.8 cm) NPT

#### T Series Transmission

The T Series Transmission is supplied when the pump is to be mounted directly to the engine bell housing. This provides a clean, compact arrangement and allows for complete pump and roll capability.

**Housings:** Close-grained, gray iron

**Gears:** Helical, precision cut, crown shaved for proper load distribution and quiet operation.

### 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

### Warranty

Contact Waterous for Warranty details on the CPT-4UHP Series)

### 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.

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