

## 4K Fixed Firewater Pump

### Description

The US Fire Pump Fixed Firewater Pump is a high-performance, diesel-engine driven firefighting solution, designed to deliver exceptional reliability and efficiency in critical applications. With a flow rate of 4000 gallons per minute, this pump is engineered to meet the rigorous demands of industrial fire protection systems.

### Features

**Powerful Diesel Engine:** Driven by a robust diesel engine to ensure consistent, reliable performance in emergency situations.

**Self-Contained Radiator Cooling Package:** Eliminates the need for process water, significantly reducing the risk of failures caused by clogged or contaminated heat exchangers and filters—one of the most common issues in fixed firewater pumps.

**Metron Diesel Engine Controller with Auto Start:** Features a state-of-the-art Metron controller for seamless operation and automatic start functionality, ensuring rapid response when it matters most.

**4000 GPM Pump with Automatic Primer:** Delivers high-volume water flow with an integrated automatic priming system for quick and hassle-free operation.

**Run Dry System:** Protects the pump from damage during dry-running conditions, increasing durability and operational safety.

**Dual Battery Banks:** Ensures reliable starting power and system redundancy for peace of mind.

**Ease of Use and Serviceability:** These packages offer a user-friendly operations interface, as well as low maintenance requirements. Typical field maintenance issues, such as fuel, oil, and filters, are minimal. Service partners are available globally for driver or service pump needs.

**Wide Range of Available Options:** Meet today’s most challenging water movement scenarios with a fully customizable pump package tailored to your unique specifications.



### Optional Features

- **Sound Attenuated Enclosure:** Reduces noise levels, ideal for installations near populated or sensitive areas.
- **Sheet Metal Enclosure:** Provides a durable and protective housing for the pump and components.



**\*Note:** Contact US Fire Pump Sales Department for additional custom configurations

**FOR MORE INFORMATION VISIT [WWW.USFIREPUMP.COM](http://WWW.USFIREPUMP.COM)**

US FIRE PUMP COMPANY, LLC  
 27995 James Chapel Road North, Holden, LA 70744  
 MAILING: PO Box 1810, Albany, LA 70711

**EMERGENCY 24 HOUR RESPONSE: (225) 209-6551**



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### Technical Specifications

Standard Boost Pump Features	
Base Material	Carbon Steel
Unit Gross Weight (with fuel) <sup>1</sup>	12,500 lbs. (9800 kg) (Depending on configuration)
Pump Model	8NHTH
Pump Type	Centrifugal End Suction
Pump Material	Standard option is Cast Iron, also available in Bronze and Stainless Steel
Drivers Available	CUMMINS
Fuel Cell Capacity	n/a
Standard Suction Inlets <sup>2</sup>	10" 150# flange
Standard Discharge Outlets <sup>2</sup>	8" 150# flange
Control Panel	Digital control panel and automatic pressure governors are used, offering full-functional output monitoring. Remote operation control is optional.
Light Packages	n/a
Unit Dimensions (LxWxH)	Depends on configuration. See drawings.

Environmental and Safety Features	
Maximum Ambient Temperature	140° F (60° C) <sup>4</sup>
Protection System	Emergency Kill Switch (select models), Master Power Disconnect, Air Intake AMOT Valve (Optional)

	4000 GPM capacity
Flow rate with 6ft suction lift	100% Capacity Net: 4,000 gpm
	125% Capacity Net: 5,000 gpm
	150% Capacity Net: 6,000 gpm

- Notes:**
1. Only applies to standard units. May change with options.
  2. Customized units are available upon request.
  3. 6 ft. (1.8 m) lift.
  4. Options available for severe ambient temperatures.

**Note:** The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.

**Note:** US EPA Tier II, Tier III, and Tier IV Emissions Compliance available as required by region.

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