

300 GPM Single point DFI – Direct Foam Injection

Description

Based on the vast experience of US Fire Pump Emergency Response Team with suppressing industrial fires and mitigating other hazards, the DFI unit was designed to provide assistance in fighting dangerous fires by supplying foam into the water system, and has been proven in the Heat of Battle!

The highly effective injection unit implements FoamPro® foam monitoring and foam flow into your pipeline of pumps and hoses to combat any situation. Capable of flowing 300 GPM (1,136 Lpm) of foam concentrate into the system and monitor the foam to water ratio accurately and consistently to ensure quality suppression and reduce waste.

With Foam technology constantly changing, we have developed the DFI to be the most reliable unit on the Market today! The DFI is compatible with most Firefighting foams of numerous different viscosities, including our Dwight's Signature Series and Sheild Series Non-Fluorinated Foams.

Water and foam mixture can be fed into large volume firefighting monitors such as the US Fire Pump Sentry 9 trailer mounted monitor, or sent over a long distance hose relay, substantially increasing the logistical efficiency at incident sites.

The DFI unit is compact and easy to deploy. The self-contained pumping system can be built on a base skid, or a trailer for easy transportation. A large integrated fuel tank can hold enough fuel to run the pump for up to 8 hours.

Firefighting experience and commitment to reliability are incorporated into the design of the control system. All US Fire Pump DFI units provide a user-friendly, water resistant control panel as a primary interface, advanced sensors, redundant control mechanisms, and emergency shut-down switches for safe and easy operation.



Features

- 304 Stainless steel Cage/ skid
- 304 Stainless Steel Plumbing
- Trailer Options Available
- Compact Design Takes up less of your Storage facility
- Foam Cleanout port built into plumbing
- Storage for Suction Hoses, Stinger Tubes, and other tools
- Easy to Operate with Intuitive controls
- Storage for hose and foam stinger available

Application

- Oil refineries and chemical plants
- Large Storage facilities and Tank Farms
- Airports and aviation facilities
- Hazardous material response teams
- Power generation stations
- Industrial warehouses

FOR MORE INFORMATION VISIT WWW.USFIREPUMP.COM

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EMERGENCY 24 HOUR RESPONSE: (225)209-6551



Technical Specifications

Model	300 GPM single point DFI – Direct Foam Injection
Base Material	304 Stainless Steel. Other options available upon request
Dimensions (LxWxH)⁵	122x46x108” (310cm x 117cm x 274cm)
Approximate Weight⁵	6,000 lbs. (2,720 kg)
Standard Platform	Skid style template: Skid offers pick-and-place flexibility, and fits all US Fire Pump trailer layout options. ²
Foam Control System	Foam Pro Accumax 3300 single point system
Drivers Available	CATERPILLAR, CUMMINS, JOHN DEERE, SCANIA, PERKINS
Fuel Cell Capacity	40 gallons. Fuel cell sized proportionately to the engine size and hourly consumption.
Fuel Type	Diesel
DFI Discharge Outlet	12” Storz Outlet, auxiliary 2.5” Foam fill valves. Other options available
Control Panel	Simple engine control panel with LCD display for engine data and waterproof control switches.
Available Transportation Modes²	Forklift skid, gooseneck with 2 5/16 in. ball hitch (59 mm) or 2 in. King Pin (51 mm); or bumper pull trailer with 2 5/16 in. ball hitch (59 mm) or lunette eye / Pintle Hook
Maximum run time with full fuel tank	8 hours per tank of fuel
Nominal Flow Rate of Foam Concentrate	300 GPM (1,136Lpm)
Maximum Ambient Temperature	120° F (60° C)
Emission	EPA & CARB Tier IV, III & II (varies with model/options)
Protection System	Automatic alarm logging. Emergency kill switch. Auxiliary circuit breaker bank

Note: Specifications are for reference only and subject to change without prior notice.

Specifications vary depending on configurations and options.

Send inquiries to US Fire Pump for details.

¹Other transportation modes include various trailers and skids.

²Some configurations may be weight limited.

³Pump Curves and additional information available upon request.

⁵Dimensions are subject to change depending on model and configuration