



VFF SERIES FIRE PUMP SYSTEMS

NFPA 20 Compliant



OVERVIEW

The VIPS VFF Series includes centrifugal pump solutions developed for fire protection systems in accordance with internationally recognized standards.

VFF Series fire pumps are designed to comply with NFPA 20 (National Fire Protection Association) requirements.

The series covers end suction, split case, horizontal multistage, and jockey pump configurations, suitable for industrial, commercial, and infrastructure fire protection applications.

Systems can be supplied with electric motor or diesel engine drive options to ensure operational reliability under emergency conditions.

PRODUCT TYPES

VFF-ES Series – End Suction Fire Pump

Single-stage horizontal centrifugal pump suitable for medium-capacity fire protection systems.

Available with electric or diesel drive options.

VFF-SC Series – Split Case Fire Pump

Double-suction horizontally split casing pump designed for high-capacity fire protection installations requiring stable hydraulic performance.

Available with electric or diesel drive options.

VFF-HMS Series – Horizontal Multistage Fire Pump

Multi-stage centrifugal pump designed for high-pressure fire systems.

VFF-JP Series – Jockey Pump (Vertical Inline Multistage)

Pressure maintenance pump designed to maintain system pressure and prevent unnecessary activation of the main fire pump.



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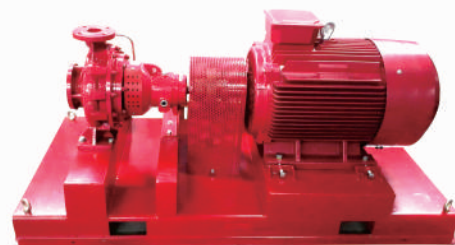
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GENERAL TECHNICAL RANGE

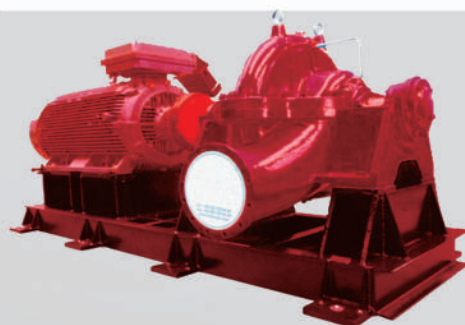
VFF-ES – End Suction Fire Pumps

- Capacity: 25 – 2000 GPM
- Head: up to 175 m
- Speed: 1500 – 3000 rpm



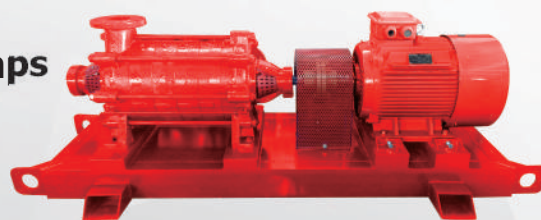
VFF-SC – Split Case Fire Pumps

- Capacity: 500 – 5000 GPM
- Head: up to 215 m



VFF-HMS – Horizontal Multistage Fire Pumps

- Capacity: up to 1135 m³/h
- Head: 50 – 350 m



VFF-JP – Jockey Pumps

- Capacity: 2 – 41 m³/h
- Head: up to 280 m





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KEY FEATURES

- Designed in accordance with NFPA 20
- Electric and diesel driven configurations
- Heavy-duty construction
- Stable hydraulic performance
- Compatible with fire pump control panels
- Suitable for standby emergency operation

COMPLETE FIRE PUMP SYSTEM SOLUTIONS

VIPS VFF Series can be supplied as complete fire pump systems including:

- Main Fire Pump (End Suction or Split Case)
- Jockey Pump
- Electric Motor or Diesel Engine Drive
- Fire Pump Controller
- Skid Mounted Base Frame
- Fuel Tank & Exhaust System (Diesel)
- Alarm & Monitoring Integration

COMPLIANCE & STANDARDS

- Designed in accordance with NFPA 20
- Performance testing in accordance with ISO standards
- ANSI / ASME flange standards

APPLICATIONS

- Industrial Facilities
- Commercial Buildings
- High-Rise Projects
- Oil & Gas Installations
- Warehouses
- Infrastructure Projects