

QUALITY FIRST WHEN SECONDS COUNT...



High Quality Normal Pressure Fire Pumps From

CHOOSE 'FIREFLY' FIRE PUMPS FOR DEPENDABLE PERFORMANCE FOR YEARS TOGETHER.

Firefly®

KEY FEATURES :

- ▶ More Compact & Highly Improved Design
- ▶ Advanced Reciprocating Priming System For Rapid & Reliable Priming Up To 8 Mtrs Suction Height
- ▶ New Modular Discharge Manifold For Minimal & Easy Pipe Work
- ▶ Easy Front Access For Impeller And Internal Components
- ▶ Pump Has No Gaskets
- ▶ Simplicity In Pump Installation
- ▶ 100% Interchangeability And Faster Services Across The Country
- ▶ Innovative New Fireman Friendly "insular Value" Helps For Quicker Action On Field



RANGE OF 'FIREFLY' LP SERIES PUMPS

PERFORMANCE DATA	MFV - LP - 1020	MFV - LP - 1030	MFV - LP - 1040	MFV - LP - 1060
Rated Performance	2000 lpm @ 10 bar	3000 lpm @ 10 bar	4000 lpm @ 10 bar	6000 lpm @ 10 bar
Required Power (kw/hp)	52 kw / 70 hp @ 2950 rpm	80 kw / 107 hp @ 3250 rpm	97 kw / 130 hp @ 3000 rpm	150 kw / 205 hp @ 3300 rpm
Suction Inlet	100 mm	140 mm	140 mm	200 mm
Priming Performance Range	0 to 7.5 meters	0 to 7.5 meters	0 to 7.5 meters	0 to 7.5 meters
Recommended Priming Speed	2000 to 2200 rpm	2000 to 2200 rpm	2000 to 2200 rpm	2000 to 2200 rpm
Maximum Outlet Pressure – Low Pressure (EN Compliance)	17 bar	17 bar	17 bar	17 bar
Maximum Recommended Speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Typical Dimensions (L / W / H)	710 / 470 / 650 mm 28 / 18.5 / 25.5 inches	710 / 720 / 650 mm 28 / 28.5 / 25.5 inches	710 / 720 / 685 mm 28 / 28.5 / 27 inches	710 / 720 / 685 mm 28 / 28.5 / 27 inches

* Test Conditions are at 3.0 mtrs lift at NTP conditions

* For capacities other than specified contact Technical Department

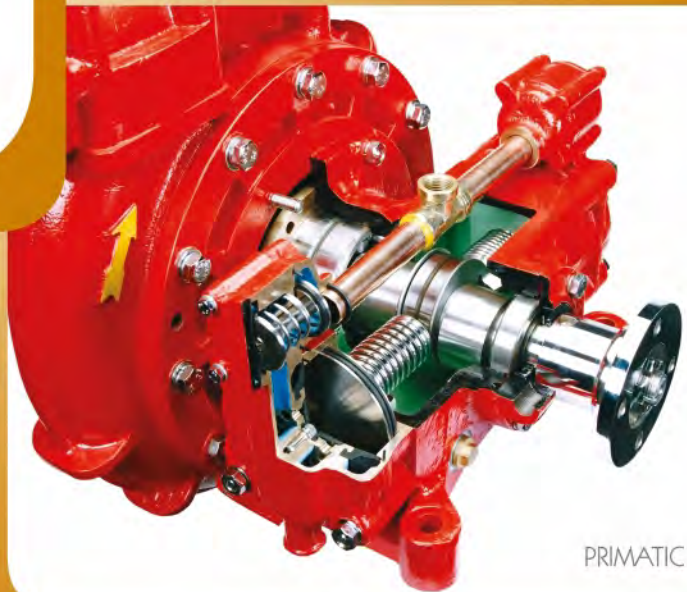


MFV-LP-1030

Innovative Addition "INSULAR VALVE"

The "Firefly" fire pump now comes with an INSULAR VALVE as standard. The main advantages of this INSULAR VALVE are :

- INSULAR VALVE allows the pump operator to prime the pump even if any of the valves fitted on the delivery side (like delivery valves, monitor valve, cooling valve, hose reel valve etc.) are inadvertently fully or partially open or start leaking over the period.
- The priming time of the pump remains the same even if the delivery side of the pump has been extensively modified.
- The INSULAR VALVE is inbuilt & is fully automatic in action, totally maintenance & rust free.
- The INSULAR VALVE is compatible with water and water-foam mixtures.



PRIMATIC

'PRIMATIC' The New Generation Priming System

The Firefly 'PRIMATIC' is fully automatic reciprocating priming system. The system design is based on two stainless steel horizontally working pistons, having reputation for insensitivity to dirt. Primer activation & deactivation is controlled directly by pump pressure. Reliable even with suction heights up to 8 mtrs. (Attending vacuum capacity of 650 mm of Hg within 30 seconds at NTP conditions.)

Advantages of 'PRIMATIC'

- No Operating Levers Required.
- Insensitive to Polluted & Dirty Water.
- More Rapid Priming.
- Highly Reliable.
- Extremely Compact & Light in Weight.
- Low Wear & Tear, Maintenance Free.

OPTIONAL

- 'FIREFLY' Fully Automatic Water Ring Priming System.
- Gun metal and sea water resistance Aluminum alloy construction.

- The right of technical modifications & improvements without prior notice is reserved
- Pictures shown in the pamphlet do not necessarily depict details as may be described by & incorporated in a quotation.
- Designed & Manufactured by Mahadeo Engineering Works.

FIREFLY FIRE PUMPS PVT. LTD.

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