Pre-Pac® Fire Pump Systems

Save on compact, custom-engineered pre-packaged systems. The Pre-Pac is one of the most popular and reliable, self-contained fire protection pump systems on the market today. It is compact, highly efficient and cost effective. From high-density residential complexes to industrial and commercial sites, the Pre-Pac helps you properly protect the lives and property in your care even while facing budget constraints and space limitations.

Complete Package:

whether you select a completely housed Pre-Pac or a base-mounted package, you can be assured that all sensing lines, fittings, pipes, drive, pump and controls are pre-engineered to work, or worked, all applicable codes. And all piping is hydrostatically tested before shipping.

Pre-Pac can be built in one-piece skids up to 1.2 by 4.8 ft (3.6 by 1.2 m) with or without a housing enclosure. Larger units can be built and shipped in two or three pieces. All Pre-Pac systems feature exclusive built-in lifting devices. They allow each unit to be lifted by a single crane while keeping the base from flexing.

Integrated Fire Safety and Security Solutions

Standing Guard for the Safety of Millions

From Europe to Australia, South America to the Far East, commercial, residential and industrial facilities around the globe are depending on Patterson fire suppression pumps and Pre-Pac® engineered self-contained systems. Millions count on Patterson for their unparalleled knowledge and expertise in developing quality fire pumps and pumping systems that perform reliably when needed in office buildings, schools, dormitories, industrial sites, high-density residential areas, manufacturing plants and commercial sites.

All Patterson Fire Pumps and accessories are engineered to meet, or exceed, all applicable codes, including: UL and ULC listings, FM and NYBSA approvals, NFPA, VdS, LPCB, CNBOP and CE certifications worldwide and all NFPA-20 standards.
Horizontal Split Case Fire Pumps
Ideal for both high and low pressure pumping requirements.

Precision balancing of all factors in the design of Horizontal Split Case Fire Pumps provides mechanical dependability, efficient operation and minimal maintenance. Simplicity of design ensures long, efficient unit life, reduced maintenance costs and minimum power consumption. They operate with pressures in excess of 345 psi and up to 5,000 GPM.

Whether your fire application requires an electric motor, a diesel engine or a dual drive system, vertical or horizontal, our fire pumps can fit your requirement.

High Pressure Two-Stage DMD Fire Pumps
Engineered for rugged, reliable service when space is at a premium.

High Pressure Two-Stage fire pumps are engineered to produce as much head as two single-stage pumps in series but in a much more compact size. Heavily built, they are highly dependable and have every mechanical feature to assure long life. Design highlights include dual single-inlet, enclosed impellers, mounted back-to-back, and an interconnecting passage between stages. Bronze or bronze-bushed interstage pieces guard against wear. Sizes range from 3-in. to 6-in. (76.2 mm to 152.4 mm) discharge for capacities to 1,000 gpm (3,785 litres/min) and heads to 1,150 ft (351 m).

V.I.P. Vertical In-Line Fire Pumps
Compact, self-contained design for easy adaptability to new or existing applications.

V.I.P. series of Vertical In-Line Fire Pumps offer a simple alternative to horizontal split case pumps in fire applications with lower flow ranges. Their unique design also minimizes energy consumption while lengthening service life. With pressure ratings from 40 psi to 150 psi (3 bar to 10 bar), V.I.P. Vertical In-Line Fire Pumps deliver flow ranges of 50 gpm to 1,250 gpm (189 liters/min to 4,731 litres/min).
Horizontal Split Case Fire Pumps

Ideal for both high and low pressure pumping requirements. Precision balancing of all factors in the design of Horizontal Split Case Fire Pumps provides mechanical dependability, efficient operation and minimal maintenance. Simplicity of design ensures long, efficient unit life, reduced maintenance costs and minimum power consumption. They operate with pressures in excess of 145 psi and up to 5,000 GPM. Whether your fire application requires an electric motor, a diesel engine or a dual drive system, vertical or horizontal, our Fire pumps can fit your requirement.

High Pressure Two-Stage DMD Fire Pumps

Engineered for rugged, reliable service when space is at a premium. High Pressure Two-Stage Fire pumps are engineered to produce as much head as two single-stage pumps in series but in a much more compact size. Highly built, they are highly dependable and have every mechanical feature to assure long life. Design highlights include dual single-inlet, enclosed impellers, mounted back-to-back, and an interconnecting passage between stages. Bronze or bronze-bushed interstage pieces guard against wear. Sizes range from 3-in. to 6-in. (76 cm to 15.2 cm) discharge for capacities to 1,500 gpm (5,725 litres/min) and heads to 1,150 ft (351 m).

V.I.P. Vertical In-Line Fire Pumps

Compact, self-contained design for easy adaptability to new or existing applications. V.I.P. series of Vertical In-Line Fire Pumps offer a simple alternative to horizontal split case pumps in fire applications with lower flow ranges. Their unique design also minimizes energy consumption while lengthening service life.

With pressure ratings from 40 psi to 150 psi (3 bar to 10 bar), V.I.P. Vertical In-Line Fire Pumps deliver flow ranges of 50 gpm to 1,250 gpm (189 litres/min to 4,731 litres/min).
Horizontal Split Case Fire Pumps
Ideal for both high and low pressure pumping requirements.

Precision balancing of all factors in the design of Horizontal Split Case Fire Pumps provides mechanical dependability, efficient operation and minimal maintenance. Simplicity of design ensures long, efficient unit life, reduced maintenance costs and minimal power consumption. They operate with pressures in excess of 390 psi and up to 5,000 GPM.

Whether your fire application requires a diesel engine or a dual drive system, vertical or horizontal, our Horizontal Split Case Fire Pumps can fit your requirement.

High Pressure Two-Stage DMD Fire Pumps
Engineered for rugged, reliable service when space is at a premium.

High Pressure Two-Stage Fire pumps are engineered to produce as much head as two single-stage pumps in series but in a much more compact case. Heavy-duty, bronze-built, they are highly dependable and have every mechanical feature to assure long life. Design highlights include dual single-disk, enclosed impellers, mounted back to back, and an interconnecting passage between stages. Bronze or bronze-lined interstage pieces guard against wear.

Sizes range from 3-in. to 6-in. (76.2 cm to 15.2 cm) discharge for capacities to 1,000 gpm (3,785 litres/min) and heads to 1,150 ft (351 m).

V.I.P. Vertical In-Line Fire Pumps
Compact, self-contained design for easy adaptability to new or existing applications.

V.I.P. series of Vertical In-Line Fire Pumps offer a simple alternative to horizontal split case pumps in fire applications with lower flow ranges. Their unique design also minimizes energy consumption while lengthening service life.

With pressure ratings from 40 psi to 150 psi (3 bar to 10 bar), V.I.P. Vertical In-Line Fire Pumps deliver flow ranges of 50 gpm to 1,250 gpm (189 litres/min to 4,731 litres/min).
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Complete Package:

Whether you select a completely housed Fire Pac or a base-mounted package, you can be assured that all sensing lines, fittings, pipes, drive, pump and controls are pre-engineered to meet, or exceed, all applicable codes. And all piping is hydrostatically tested before shipping.

Pre-Pac can be built on one-piece skids up to 12 ft by 40 ft (3.6 m by 12.2 m) with or without a housing enclosure. Larger units can be built and shipped in two or three pieces. All Pre-Pac systems feature exclusive built-in lifting devices. They allow each unit to be lifted by a single crane while keeping the base from flexing.

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Horizontal Fire Pump Accessories

Standing Guard for the Safety of Millions

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