

# Fire Pump Units and Enclosed Packaged Systems

## PEERLESS FIRE PUMPS

Peerless Fire Pump installations (UL, ULC or FM approved) deliver superior fire protection to facilities worldwide. For over eighty years Peerless Pump has been offering complete service, from engineering assistance to in-house fabrication to field start-up. Products are designed from a broad selection of pumps, drives, controls, baseplates and accessories. Fire pump choices include horizontal split case, in-line and end suction centrifugal, as well as vertical turbines pumps.

### Key Features and Benefits

- Proven pumping systems for changing and demanding conditions
- Recognized leader in the fire pump industry
- Custom engineered designs allow for thousands of installations of all sizes and types
- Complete in-house fabrication capabilities
- Mechanical-run test capabilities enclosures
- Horizontal models for capacities to 5,000 gpm
- Vertical models for capacities to 5,000 gpm
- In-line models for capacities to 1,500 gpm
- End suction models for capacities to 500 gpm
- Drives available in electric motor or diesel engine
- Available as basic units, packaged systems, and engineered enclosures

#### Fire Product Line

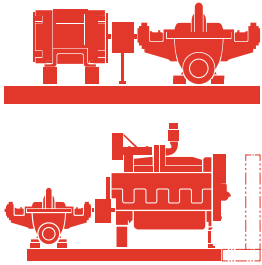
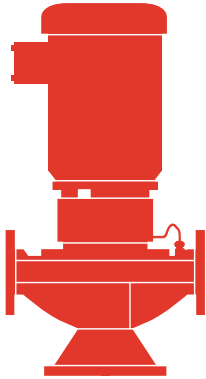
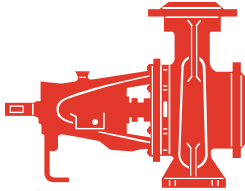

- AEF - Horizontal Split Case Fire Pump
- VTF - Vertical Turbine Pump
- PVF - In Line Fire Pump
- TUF - Horizontal Split Case Multistage Pump
- TUTF - Horizontal Split Case Multistage Pump
- UNF - End Suction Fire Pump



#### APPLICATIONS

- Commercial fire protection in buildings such as schools, hospitals, office buildings and shopping centers
- Industrial and power fire protection including power generating plants and manufacturing facilities
- Offshore fire protection including drilling platforms, production platforms or onshore storage and distribution terminals

## Peerless Fire Product Line Technical Data

				
	<b>Horizontal Fire Pumps, UL Listed, ULC Listed and FM Approved</b>	<b>In-Line Fire Pumps, UL and ULC Listed</b>	<b>End Suction Fire Pumps, UL Listed and FM Approved</b>	<b>Vertical Fire Pumps UL Listed, ULC Listed and FM Approved</b>
<b>Type</b>	Horizontal centrifugal pumps with appropriate fittings for providing water supply to fire protection systems in buildings, plants and yards. Types AF, ADF, AEF, TUF, TUTF.	Compact in-line centrifugal fire pumps with appropriate fittings for providing water supply to fire protection systems in buildings, plants and yards. Type PVF.	End suction centrifugal fire pumps with appropriate fittings for providing water supply to fire protection systems in buildings, plants and yards. Type UNF.	Vertical turbine pumps with appropriate fittings for providing water supply to fire protection systems in buildings, plants and yards.
<b>Capacities</b>	250 to 5,000 gpm (57 to 1,136 m <sup>3</sup> /hr)	50 to 1,500 gpm (11 to 341 m <sup>3</sup> /hr)	Up to 1,500 gpm (341 m <sup>3</sup> /hr)	250 to 5,000 gpm (57 to 1,136 m <sup>3</sup> /hr)
<b>Head</b>	92 to 1178 feet (28 to 359 meters)	Up to 406 feet (123 meters)	Up to 367 feet (112 meters)	92 to 1,176 feet (28 to 359 meters)
<b>Pressure</b>	Up to 640 psi (45 kg/cm <sup>2</sup> , 4,414 kPa)	Up to 175 psi (12 kg/cm <sup>2</sup> , 1,207 kPa)	Up to 159 psi (11.2 kg/cm <sup>2</sup> , 1,096 kPa)	Up to 500 psi (35.15 kg/cm <sup>2</sup> , 3,515 kPa)
<b>Horsepower</b>	Up to 800 hp (597 kW)	Up to 125 hp (93 kW)	Up to 210 hp (157 kW)	Up to 600 hp (448 kW)
<b>Drives</b>	Horizontal electric motors, and diesel engines	Vertical close coupled electric motors	Horizontal electric motors and diesel engines	Vertical electric motors and diesel engines with right angle gears
<b>Liquids Pumped</b>	Water.	Water.	Water.	Water.
<b>Temperature</b>	Ambient within the limits for satisfactory equipment operation.	Ambient within the limits for satisfactory equipment operation.	Ambient within the limits for satisfactory equipment operation.	Up to 115°F (46°C)
<b>Materials of Construction</b>	Cast iron, bronze fitted as standard. Optional materials available for sea water applications.	Cast iron, bronze fitted.	Cast iron, bronze fitted.	Cast iron, bronze fitted as standard. Optional materials available for sea water applications.