



FIREGUARD

Fire Pumps are used for supply water for automatic sprinkler systems, standpipes or fire hydrant systems. NFPA 20 classifies fire pumps as split case, vertical turbine, end suction or in-line design. Our end suction pumps are rated from 100 to 750GPM and split case and vertical turbine pumps ranges from 150 to **8000GPM**.

All the **FIREGUARD** pumps meet NFPA/UL/FM requirements:

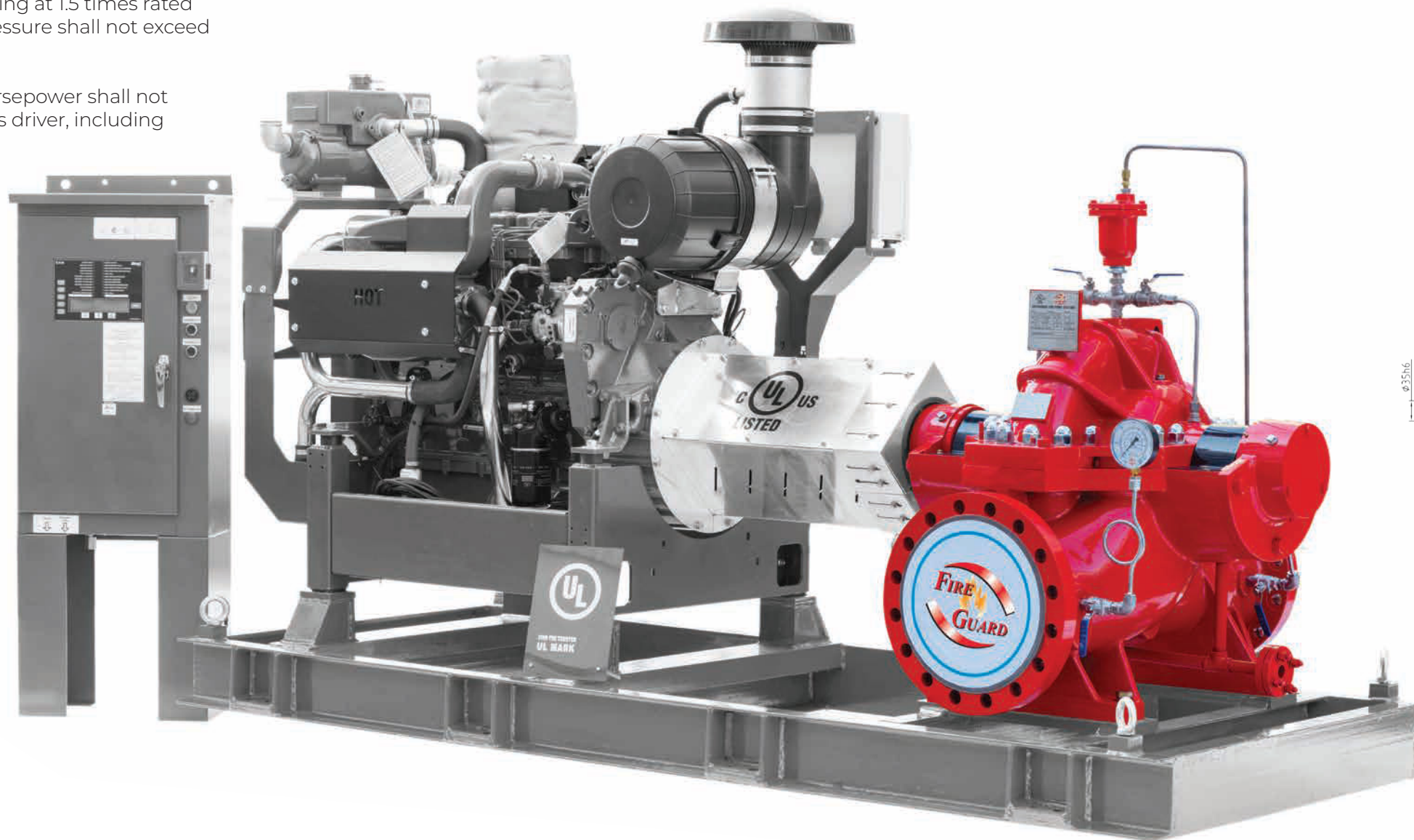
1. Each pump is tested hydrostatically for no less than 5 minutes with the testing pressure of no less than 5 times the max. working pressure.
2. Pumps shall develop no less than 65% of rated total head when discharging at 1.5 times rated capacity. The max. net pressure shall not exceed 140% of rated heat.
3. The max. pump brake horsepower shall not exceed the HP rating of its driver, including service factor.

Motors:

all fire pump motors are rated for continuous duty and shall not be used at voltage in excess of 110% of rated voltage. At rated voltage and frequency, the full load ampere rating shall not be exceed (except as allowed by the service factor on motor nameplate) under any pumping condition.

Engines:

Our engines have HP rating listed by both UL/FM. A deduction of 3% of the power shall be made for each 1000 feet rise in altitude above 300ft. and 1% for each 10 Fahrenheit above 77 Fahrenheit ambient temperature. Our engines are all equipped with the controllers UL approved.



HORIZONTAL SPLIT CASE PUMP

from **300 GPM up to 8000 GPM**

A horizontal split case pump is a unique type of Centrifugal Pump whose casing is divided into two distinct chambers, which is different from end suction pumps that are assembled with the suction nozzle, discharge nozzle and casing in one chamber.

FIREGUARD offers FGSF series state-of-the-art Split Case Pumps with Diesel Engine or Electric Motor driven pumps.

FIREGUARD PUMPS are engineered with fully enclosed double suction impellers. Minimal axial thrust due to double entry impeller. In-line axially split design which permits removed of the complete rotor without removing the pipe and driver. Split Case Pumps are better when the water source is located above ground providing a positive suction pressure.

FIREGUARD PUMPS are typically used in fire-fighting applications for supplying water to the fire hose reels, fire hydrants or sprinkler systems.

FIREGUARD PUMPS have a **FLOW** ranges from **300 to 8000 US GPM** and **Pressure** ratings from **80 PSI up to 300 PSI**

