



NAFFCO Horizontal Splitcase Fire Pumps



HORIZONTAL SPLIT CASE FIRE PUMPS

NAFFCO's UL and/or FM approved fire pumps provide you with a reliable solution for your fire firefighting pump needs by combining the stringent quality measures of UL and/or FM and NFPA standards with our proven experience in the fire protection field.

We can offer you a complete package of services starting from engineering assistance to field start-up and periodic maintenance.

Each pump set is tested at our factory, prior to dispatch, as per NFPA standards. These pumps are covered by a warranty of one year subject to standard terms and conditions.

FEATURES

- Performance characteristics as per NFPA 20
- Complete unit responsibility.
- Complete in-house fabrication capabilities.
- Hydrostatic testing facilities.
- Operation run test as per NFPA 20.
- Horizontal Split case pumps for capacities up to 8000 USGPM*
- Drivers: Electric motor drive or diesel engine drive.
- Electrical testing capabilities for motors and controllers connected to fire pumps as per NFPA standards.
- Capable to supply additional accessories wherever required.

PUMP CASING

The casing is axially split, which permits removal of the complete rotor without moving either piping or driver. Pumps generating high heads have double volutes to reduce radial forces, ensuring minimal shaft deflection and low bearing loads. Replaceable wear rings protect the casing at the impeller running clearances.

IMPELLER

The closed impeller has double suction design which gives practically zero axial forces. Each impeller is dynamically balanced according to ISO 1940-1 standard.



BEARINGS

Grease lubricated high quality bearings are provided on both sides.

SERIES: NF-S, PERFORMANCE RATINGS: COMPREHENSIVE RANGE

Flow Rate (Min. - Max.)	300 - 8000 US GPM**
Pressure Ratings (Min. - Max.)	5.4 - 33.3 BAR**
Speed Ratings (Min. - Max.)	1470 - 3550 RPM**

* For Selected Capacities with optional material suitable for Sea Water Application is also available, contact factory for more info.

** These values only indicates overall range available in this series. For the availability of any specific ratings and details of its certification, please contact factory.