



Vertical Turbine Fire Pumps



LISTED



APPROVED



AN INTRODUCTION TO NAFFCO

NAFFCO was founded in Dubai, UAE to become the world's leading producer and supplier of life safety solutions. By recognizing the importance and convenience of having easy access to multiple safety services, we became specialized by offering complete solutions under one roof for all types of high quality firefighting equipment, fire protection systems, fire alarms, addressable emergency systems, security systems, custom-made vehicles such as fire trucks, ambulances, mobile hospitals and airport rescue firefighting vehicles (ARFF).

With the most talented and dedicated employees from around the world, NAFFCO has over 500 passionate engineers and over 5 million square feet of manufacturing facilities. We are currently exporting to over 100 countries worldwide.

Our products have been consistently certified by UL, FM, BSI, LPCB and Global Mark according to the latest International Quality Standard for their strict adherence to ISO 9001 quality management system and certified for ISO 14001 environmental management systems and BS OHSAS 18001 for occupational safety by UL DQS.

Our success is driven by our passion to protect; our vision is to become the world's number one provider of innovative solutions in protecting life, environment and property.



NAFFCO
OHSAS 18001 | ISO 14001 | ISO 9001
20002009



Assessed to ISO 9001
Certificate No: 463



FM615437



FP/2414



CERTIFICATE NO:463
(Ref redbooklive.com)



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VERTICAL TURBINE 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.
- Vertical Turbine models pumps for capacities upto 6000 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.
- Rugged Construction for longer service life
- Specially designed for fire fighting applications as per NFPA 20.

SUCTION BELL

Suction bell is furnished with an extra long bearing that strengthens and provides rigid support for the lower end of the pump shaft. Suction bell provides efficient flow into the eye of the first stage impeller.

BOWL

The pump bowls have vanes cast integrally in them. These vanes are designed to match accurately with the impeller, and are smoothly contoured to guide the flow to next stage with maximum efficiency.

IMPELLER

Each impeller is dynamically balanced as per ISO 1940-1 to insure highest efficiency and vibration free operation.

SERIES: NF-VT, PERFORMANCE RATINGS: COMPREHENSIVE RANGE

Flow Rate (Min. - Max.)	50 - 6000 US GPM**
Pressure Ratings (Min. - Max.)	2.76 - 26 BAR**
Speed Ratings (Min. - Max.)	1450 - 2950 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.



COLUMN

Pump column pipe shall be in section not longer than 10ft each. Column pipe is flanged type. Flanged connections are accurately machined to accept bearing retainers and are bolted together securely for proper sealing.

DISCHARGE HEAD

It has smooth passageways that ensures efficient overall operation and provides an above ground connection to discharge piping.



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NAFFCO

Email: info@naffco.com
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In line with NAFFCO policy for continuous product development,
NAFFCO has the right to change specifications without prior notice.

CAT. NO. : NF/FP/VTP/CERT/08/20

FOR ANY ASSISTANCE, PLEASE CONTACT

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