



NAFFCO
PASSION TO PROTECT

Engineering Packaged Fire Pump System





An Introduction to NAFFCO

NAFFCO FZCO is among the world's leading manufacturers and suppliers of top-tier firefighting equipment, fire protection systems, fire alarms, security and safety engineering systems worldwide. Since its humble beginnings, NAFFCO has grown from its headquarters in Dubai, UAE to expand to serving over 100 countries around the world.

One Stop Shopping for All Your Fire Safety and Security Needs

Today's companies recognize the importance and convenience of having multiple safety services available under one roof, a "one-stop shopping" source for all types of fire protection systems. As the undisputed leader in

firefighting technology and fire safety solutions, NAFFCO has worked in both the private and government sectors, as well as manufacturing plants, hospitals, stadiums, malls and other organizational projects, delivering comprehensive fire safety and engineering solutions.

NAFFCO is associated with globally renowned international companies in the fire protection industry such as Esser, Secutron, Megalights, Evax, Fike, Central, Shield, Mueller, Giacomini, RB Pumps, Bombas, Ideal Pumps, Joslyn Pumps, Peerless Pumps.

At NAFFCO we are passionate about sustaining, upgrading and improving any means of safety, by having over 2 million square foot of manufacturing space, over 450 engineers, and following all the latest technology available. We live by our passion, the passion to protect.



INDUSTRIAL PACKAGED CERTIFIED FIRE PUMP SETS



PACKAGE:

NAFFCO package fire pump system consists of pumps, driver, controllers and accessories mounted on a common base frame. High quality UL / FM certified components are used in these systems complying with the requirements of NFPA 20. All necessary wiring between controllers and drivers are done at factory prior to shipment. The automatic air release valve, casing relief valve, suction gauge & discharge gauge are mounted on fire pumps and other accessories are mounted on pre-constructed interconnecting piping as required by NFPA 20. Pressure sensing

lines are pre-installed on Electric, Diesel, and Jockey Controllers as per NFPA 20 requirements. These systems are subjected to rigorous performance tests at factory as per UL, FM & NFPA standards to ensure proper performance of the system as per the design requirements. For completing the installation of these pre-engineered 'ready to install' packages the installing contractor only needs to grout the structural base, connect the suction & discharge pipes and incoming power.

ADVANTAGES

- Easy to install fire pump set at site.
- Easy to commission.
- Reduced installation time.
- Pre-wired electrical connections.
- Less space requirement.
- All (pumps, drivers & controllers) on single base.

SECURITY

- Single manufacturing source.
- Single unit responsibility
- 100% system operational integrity.
- 100% secure system.
- Convenience in procuring spare parts .
- All major components listed products.
- Complying with NFPA 20

TESTING FACILITY

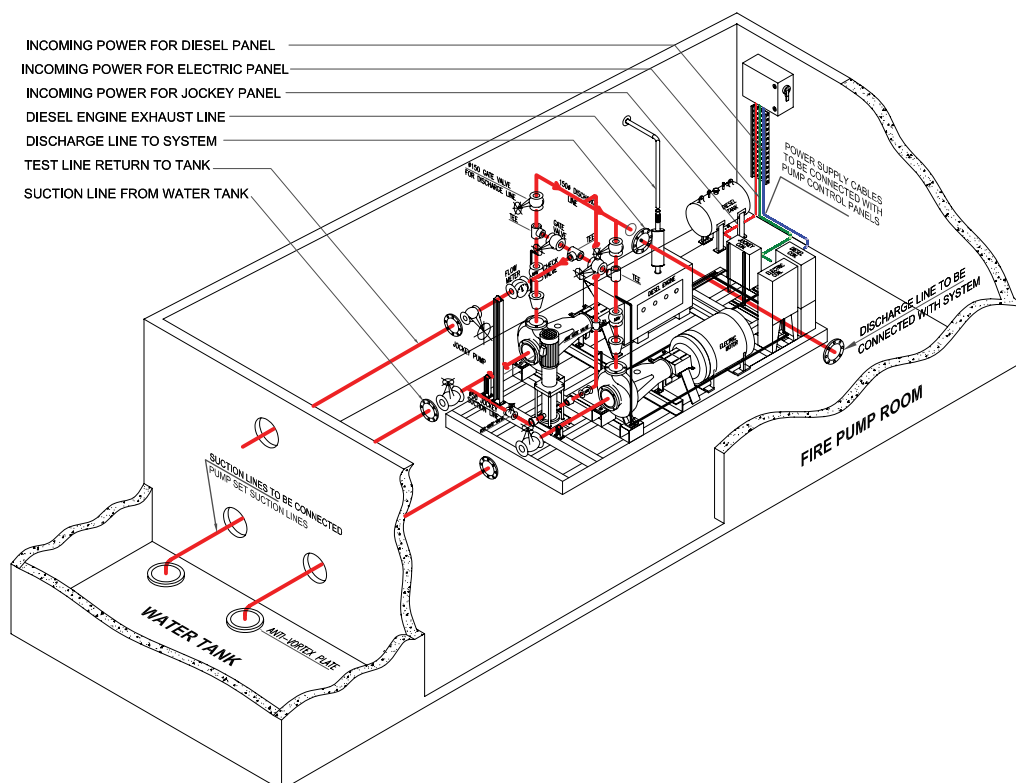
- Individual components test facility.
- Pump performance test.
- Pump hydrostatic test.
- Complete package test with automatic operation.
- String test.
- Driver load test.
- Simulating field test.

TYPICAL EQUIPMENTS LIST*

SPECIFICATIONS				
SL. NO.	DESCRIPTION	LISTING / APPROVAL / STANDARD	UNIT	QTY.
1	Electric Fire Pump	UL/FM	No.	1
2	Electric Motor	UL	No.	1
3	Diesel Fire Pump	UL/FM	No.	1
4	Diesel Engine	UL	No.	1
5	Gate Valve-Suction Line	UL/FM	No.	2
6	Non return Valve	UL/FM	No.	2
7	Gate Valve-Discharge Header	UL/FM	No.	2
8	Gate Valve (Test header-up stream)	UL/FM	No.	2
9	Flow Meter	FM	No.	1
10	Gate Valve (Test header - down stream)	UL/FM	No.	1
11	Gate Valve-Jockey Pump	UL/FM	No.	2
12	Electric Controller	UL/FM	No.	1
13	Diesel Controller	UL/FM	No.	1
14	Jockey Controller	UL	No.	1
15	Jockey Pump	----	No.	1
16	Non return Valve-Jockey Pump	UL/FM	No.	1
17	Pressure sensing lines-(Material-S.S.316)	ASTM A-312 SCH.40S	Line	3
18	Non return Valve (Material-SS, Flap Type)	----	No.	3
19	Ball Valve (Material-stainless steel)	----	No.	3
20	Drain Pipe-(Material -GI)	----	Line	2

*Customizable as per project specific requirements.

SIMPLE CONNECTIONS TO BE MADE AT PROJECT SITE





Serving Over 100 Countries Worldwide



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In line with NAFFCO policy for continuous product development,
NAFFCO has the right to change specifications without prior notice.