



Industrial Packaged Pumpset





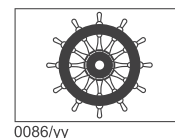
AN INTRODUCTION TO NAFFCO

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 2,000 passionate engineers and over 5.5 million square feet of manufacturing facilities. We are currently exporting to over 100 countries worldwide.

NAFFCO manufactures UL, FM, BSI & Global Mark approved products in our facility in consistent with International Standards" UL-DQS, BSI certifies for the Quality Management System against ISO 9001. Our Environmental (ISO 14001) & Occupational Health & Safety (OHSAS 18001) Management Systems have been certified by UL-DQS. Our Trucks & Vehicles division has been assessed & certified for Quality Management System requirement for Aviation, Space & Defense organization(AS 9100) 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.



INDUSTRIAL PACKAGED 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. This engineering packaged pump meets various requirements for such pumps as detailed in Packaged Fire Pump Assemblies section 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.

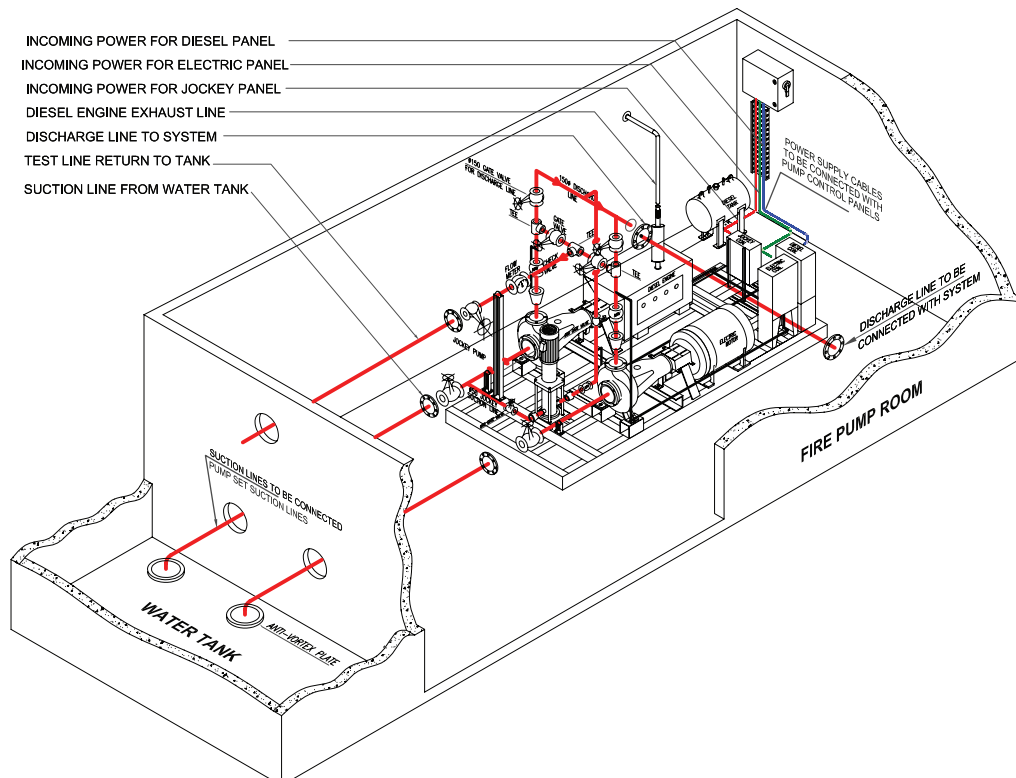
TYPICAL EQUIPMENTS LIST *

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/FM	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.

** Certification are subjects to the ratings of the product selected.

SIMPLE CONNECTIONS TO BE MADE AT PROJECT SITE





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

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FOR ANY ASSISTANCE, PLEASE CONTACT

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