



الشركة الدولية لأنظمة الأمن والسلامة
Int. Security & Safety Systems Co.

COMPANY PROFILE

. 2023 .



Introduction

- 1989** ISS has been serving industrial, commercial, government and oil & gas sites in the field of fire and security systems as specialized contractor and agent for many international firms.
- 2001** ISS opened its manufacturing facility, located in AL OBOUR city, provides blending foam concentrates, packaging of Egyptian civil defense and NRC approved fire pumps, CO2/Dry powder systems assembly and piping fabrication for firefighting systems.
- 2003** ISS under license from Chemguard-USA has been awarded the first UL approval in Egypt & Africa on blending AFFF - AR/AFFF - FP foam concentrates.
- 2006** ISS was certified by ISO 9001:2008.
- 2011** ISS has signed an OEM agreement with EPE (Ebara pump Europe) and PTEI (PT Ebara Indonesia) to assemble their quality pumps in Egypt and to submit for getting the UL/FM approval.
- 2012** ISS has been awarded the UL approval of its fire pump range.
ISS with the cooperation of EPE & PTEI has been approved to package UL/FM fire pumps in Egypt.
- 2014** ISS has been awarded UL approval of aboveground tank for flammable liquids.
- 2015** ISS expands its UL/FM pump range to 2800 and 3560 RPM for 60 HZ countries.
- 2016** ISS is awarded the ASME certificate – “U-stamp” as a first step to apply for UL on bladder tanks.
ISS is the first Egyptian factory to have LPCB approval on its HFC-227ea gas system.
ISS is the first Egyptian factory to have CE mark approval on its bladder tanks.
ISS is the first Egyptian factory to have CE mark approval on its CO2- gas system and dry powder.
ISS is the first Egyptian factory to have CE mark approval on its AQUA FirePumps (100-3000 GPM).
- 2017** ISS is the first Egyptian factory to receive the UL listing on their ASME and CE bladder tanks.
- 2019** ISS has been awarded UL approval of range (150-5000 GPM) -OEM- with RuhrPumpen.
ISS has been awarded ISO 9001:2015
ISS has been awarded UL&FM approval of range (24-420 GPM) Foam pump -OEM- with Firelion.
- 2020** ISS has been awarded ISO 14001:2015.
ISS has been awarded ISO 45001:2018.
- 2021** ISS has been awarded UL Listed “AutoFirex” cylinder
- 2022** ISS has been awarded ISO 14001:2015.
ISS has been approved as “HYGOOD” FM200 Filling Station.



Made in EGYPT with OEM Contract



FIRE PUMP

250 gpm - 1250 gpm (50/60 HZ)



FIRE PUMP

150 gpm - 5000 gpm (50/60 HZ)



FOAM PUMP

24 gpm - 420 gpm (50/60 HZ)



FOAM CONCENTRATE

AFFF / AR-AFFF / FP



FOAM BLADDER TANKS

25 Gal. - 3000 Gal. Vertical
100 Gal. - 4000 Gal. Horizontal



ASME - CE

Pressure Vessels



LISTED

Flammable Liquid Tanks



LISTED

Cylinder for DLP System

CE - Mark

AQUA Fire Pump

CE - Mark

Foam Systems-Co2-Dry Powder



250 - 1250 GPM
UL/FM Fire Pump Catalogue



150 - 5000 GPM
UL-Listed Fire pumps Catalogue



UL/FM Foam Pumps
Catalogue



Foam Systems
Catalogue



ISS/AutoFirex DLP
System Catalogue



Aqua Fire Pumps
Catalogue

ISO Certificate 9001 : 2015



Certificate of Registration

This certificate has been awarded to

International Security & Safety Systems (ISS)

Head Office address: 49 Abbas El Akkad St., Nasr City , Cairo, Factory address: Piece #25, Block 13040, El-Makt area, Al Obour Industrial Area, Al Obour City, Qalyubia Governorate., Egypt

in recognition of the organization's Quality Management System which complies with

ISO 9001:2015

The scope of activities covered by this certificate is defined below

Production and Assembly of Fire Fighting Equipment and Blending of Fire Fighting Chemicals

Certificate Number **105727/A/0001/UK/En**

A certificate number of 10001 implies the Client has a single site Certified & the Client may have multiple sites in relation to the Certificate scope with URS. A certificate number of 10001, or greater (e.g. 10001/0001/001) refers to a Client that has more than one site certified with URS, in which, the following statements do apply: "The validity of this certificate depends on the validity of the main certificate."

Date of Issue of Certification Cycle	Issue Number	Certificate Expiry Date	Certification Cycle
20 March 2022	2	19 March 2025	2
Revision Date	Revision Number	Original Certificate Issue Date	Scheme Number
19 March 2022	0	20 March 2019	n/a

For detailed explanation for the data fields above, refer to <http://www.urs-holdings.com/logos-and-regulations>

Issued by



If there is any doubt as to the authenticity of this certificate, please do not hesitate to contact the Headquarters of the Group at info@urs-certification.com. URS is a member of United Registrar of Systems (URS) Ltd, United Kingdom, 4 Linden Road, Borehamwood, Herts SG8 2EX, UK, Company Registration no. 5249465

ISO Certificate 14001 : 2015



Certificate of Registration

This certificate has been awarded to

International Security & Safety Systems (ISS)

Head Office address: 49 Abbas El Akkad St., Nasr City , Cairo, Factory address: Piece #25, Block 13040, El-Makt area, Al Obour Industrial Area, Al Obour City, Qalyubia Governorate., Egypt

in recognition of the organization's Environmental Management System which complies with

ISO 14001:2015

The scope of activities covered by this certificate is defined below

Production and Assembly of Fire Fighting Equipment and Blending of Fire Fighting Chemicals

Certificate Number:	Date of Issue: (Original)	Date of Issue:
105727/B/0001/UK/En	12 October 2020	12 October 2020
Issue No:	Expiry Date:	
1	11 October 2023	

Issued by:

On behalf of the Schemes Manager



ISO Certificate 45001 : 2018



Certificate of Registration

This certificate has been awarded to

International Security & Safety Systems (ISS)

Head Office address: 49 Abbas El Akkad St., Nasr City , Cairo, Factory
address: Piece #25, Block 13040, El-Makt area, Al Obour Industrial Area, Al
Obour City, Qalyubia Governorate., Egypt

In recognition of the organization's Health and Safety Management System which complies
with

ISO 45001:2018

The scope of activities covered by this certificate is defined below

**Production and Assembly of Fire Fighting Equipment and Blending of
Fire Fighting Chemicals**

Certificate Number:

105727/C/0001/UK/En

Date of Issue: (Original)

12 October 2020

Date of Issue:

12 October 2020

Issue No:

1

Expiry Date:

11 October 2023

Issued by:

On behalf of the Schemes Manager



AL-Obour - Industrial Area

HYGOOD FM200 filling station
(UL / FM Pending)



Automatic Welding Machine



UL/FM fire pumps test rig



UL/FM pump skid project



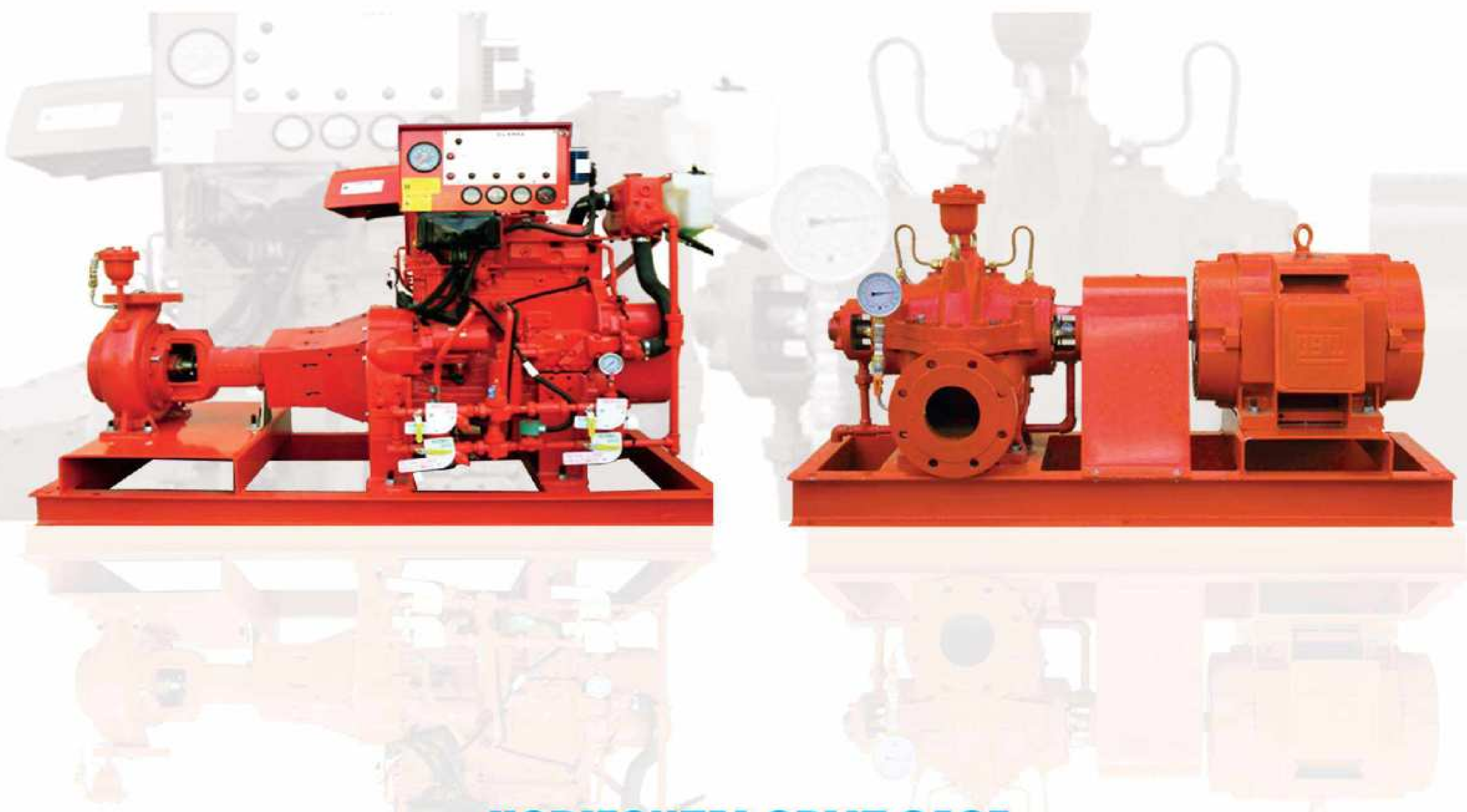
UL Listed foam blending station



Hydrostatic pressure test station



.Fire Fighting Pumps.



HORIZONTAL SPLIT CASE
MODEL EGY-CNPA

END SUCTION
Model EGY-FSPA

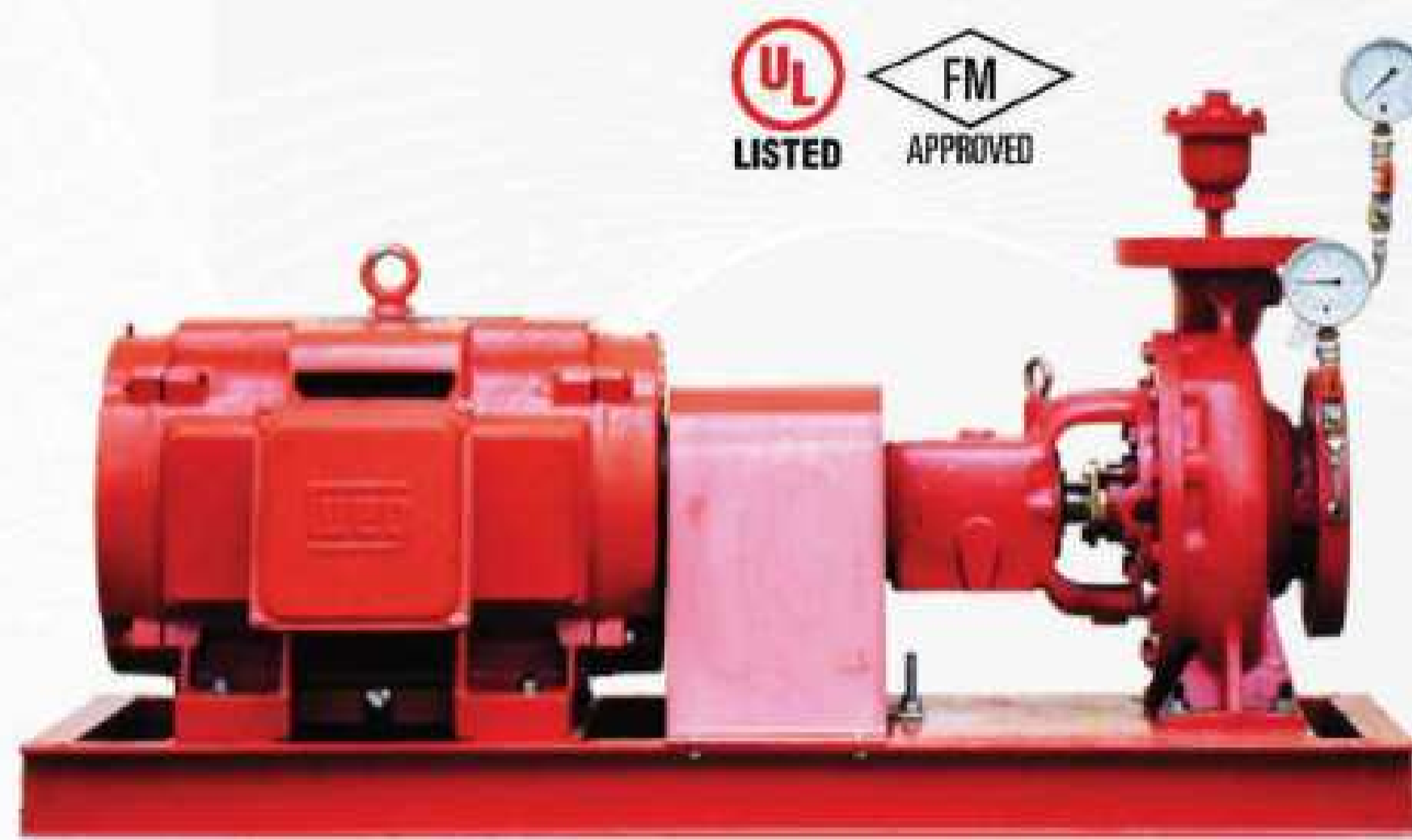


Fire Pumps - 50/60 Hz

The First and Sole Egyptian Company to Get Approval



End Suction Pumps



Horizontal Split Case Pumps



Electric Motors



Diesel Engines



Jockey Pumps



Controllers



UL / FM Horizontal Split Case Fire Pumps

FEATURES :

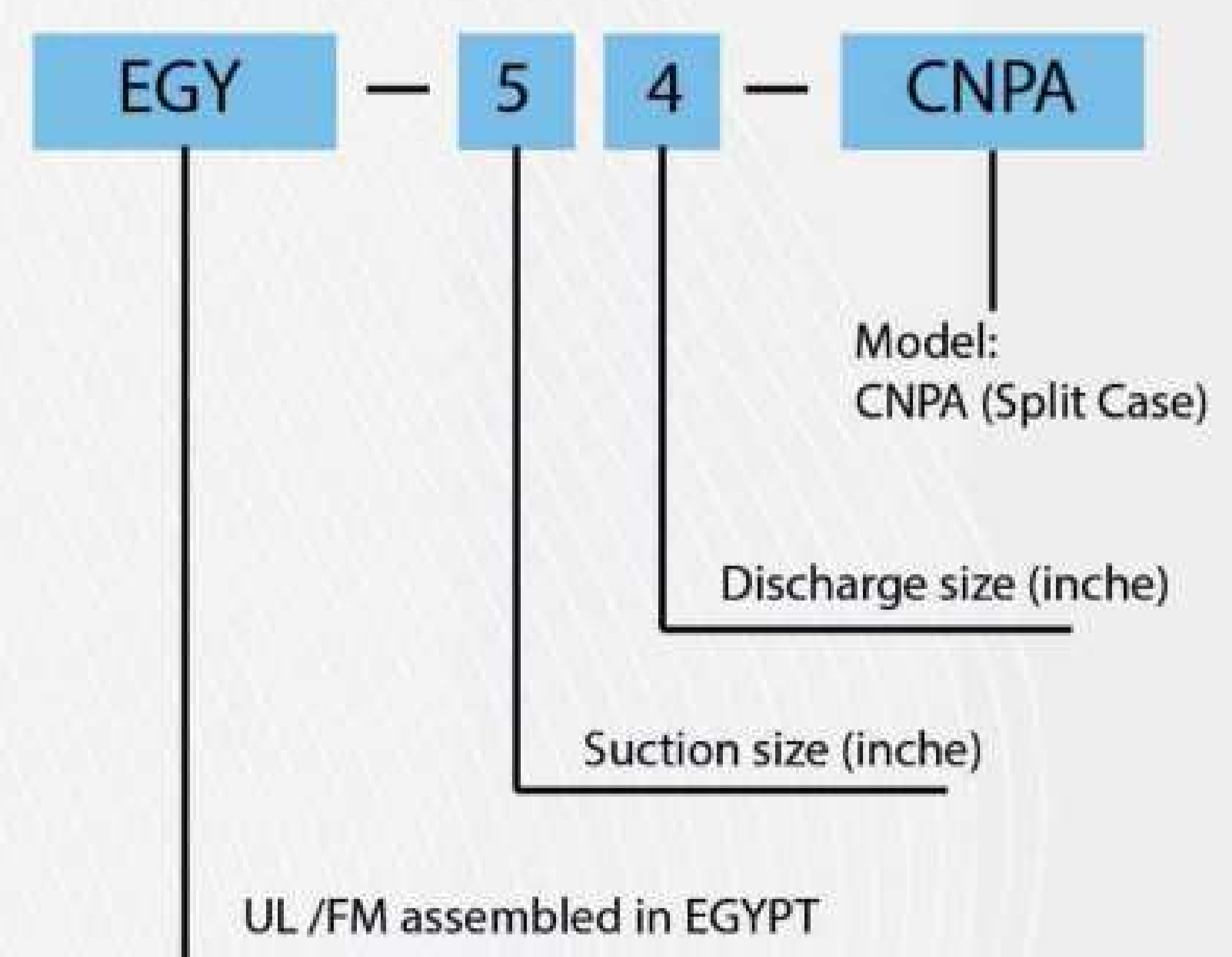
- Corrosion resistant materials used on the rotating parts
Hydraulically balanced impeller extends bearing life and assures smoother operation
- Fully compliance to NFPA-20 and listed by Underwriters Laboratories (UL) and (FM) factory mutual approved
- Very compact design for easy of installation and permits minimum maintenance.
- Axially split casing allows the easy removal of the top casing for inspection and service.
- Flange suction and discharge are ANSI 250.
- Max. Working Pressure is 250 PSI.
- Liquid handled property: Clean water, 0 – 80 0C (32 to 176 0F)



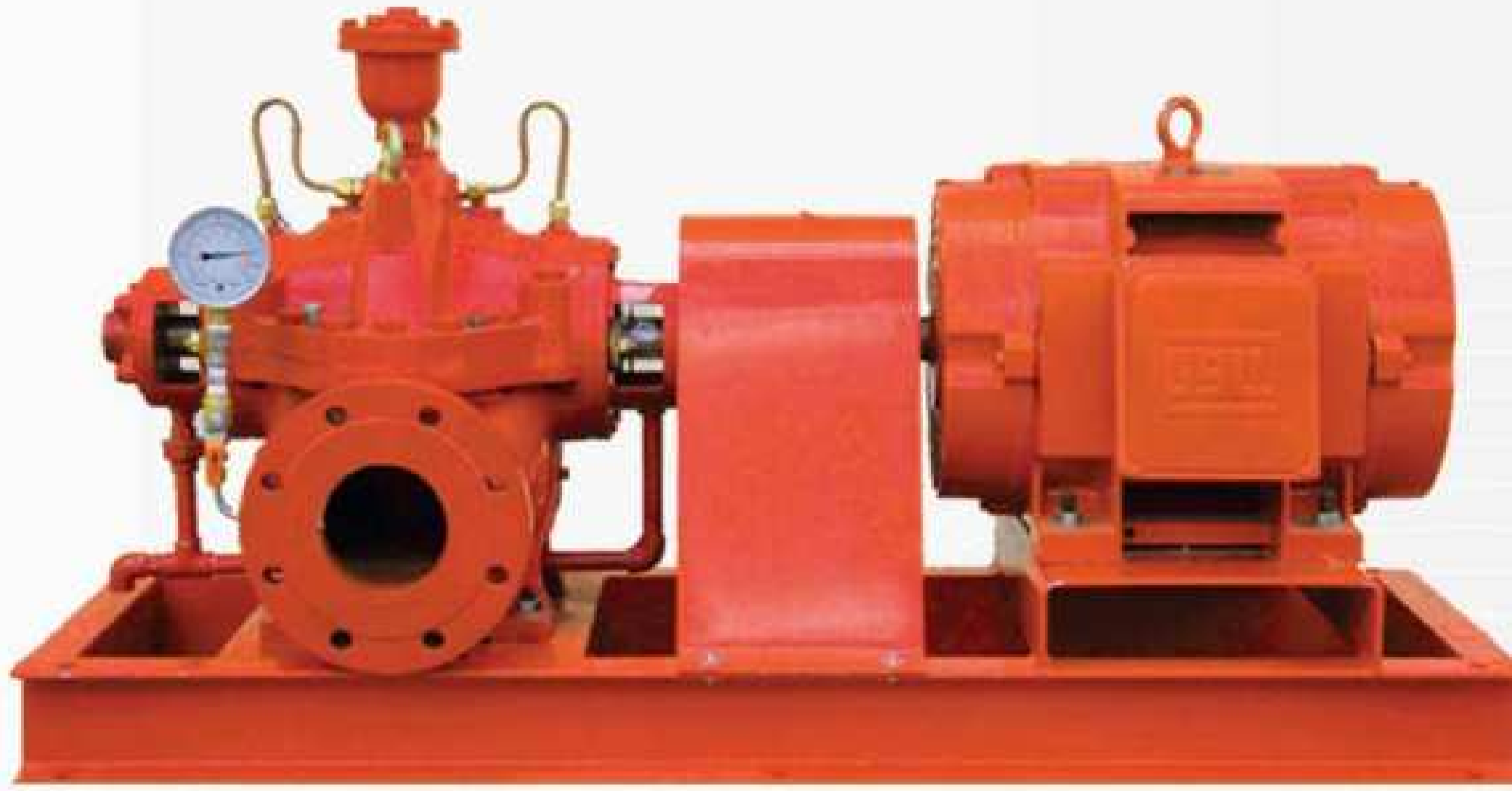
SPECIFICATIONS & MODEL CODE

Item		Specifications
Liquid handled property		Clean water, 0 – 80 °C (32 to 176 °F)
Max. Working Pressure		250 psi
Approx. speed		2950 rpm
Construction	Impeller	Enclosed
	Shaft seal	Gland Packing
	Flushing	Self Flushing
	Bearing	Shield Ball Bearing
Flange	Suction	ANSI 250
	Discharge	ANSI 250
Material	Casing	Cast Iron (FC250) for CNPA model
	Impeller	Bronze casting (CAC406)
	Shaft	CNPA Stainless Steel (SUS316)
	Shaft Sleeve	Bronze Casting (CAC406)
	Gland Packing	Teflon (PTFE) Impregnated
Standard Accessories	Pressure Gauge	0 – 220 psi
	Compound Gauge	-30 in Hg – 60 psi
	Air Relieve Valve	standard

Model Code



UL / FM Horizontal Split Case Fire Pump



UL/FM HORIZONTAL SPLIT CASE FIRE PUMP RANGE AT 2950 RPM RATED SPEED

FLOW	UL/FM RATED PRESSURE		PUMP MODEL	MAXIMUM HP	ELECTRIC MOTOR	DIESEL ENGINE
	PSI	KPA			HP	HP
500 GPM (113 M3/H)	83*	572	EGY - 54 CNPA	47	50	60
	91	627		53	50	60
	103	710		60	60	71
	117	807		64	60	71
	130	896		74	75	83
	141	972		82	75	83
750 GPM (170 M3/H)	75*	517	EGY - 54 CNPA	54	50	60
	83	572		61	60	71
	95	655		69	75	71
	109	752		79	75	83
	122	841		90	100	115
	133	917		101	100	115
750 GPM (170 M3/H)	100*	689	EGY - 65 CNPA	89	100	115
	112	772		105	100	115
	124	855		116	125	145
	137	945		126	125	145
	150	1034		140	125	145
1000 GPM (227 M3/H)	94*	648	EGY - 65 CNPA	95	100	115
	107	738		114	100	115
	121	834		128	125	145
	135	931		145	150	175
	149	1027		157	150	175
1250 GPM (284 M3/H)	87**	600	EGY - 65 CNPA	100	100	115
	104	717		115	125	145
	117	807		135	125	145
	130	896		150	150	175
	134	924		159	150	175
	144*	993		177	200	216

* UL ONLY

** FM ONLY

UL / FM End Suction Fire Pumps

FEATURES :

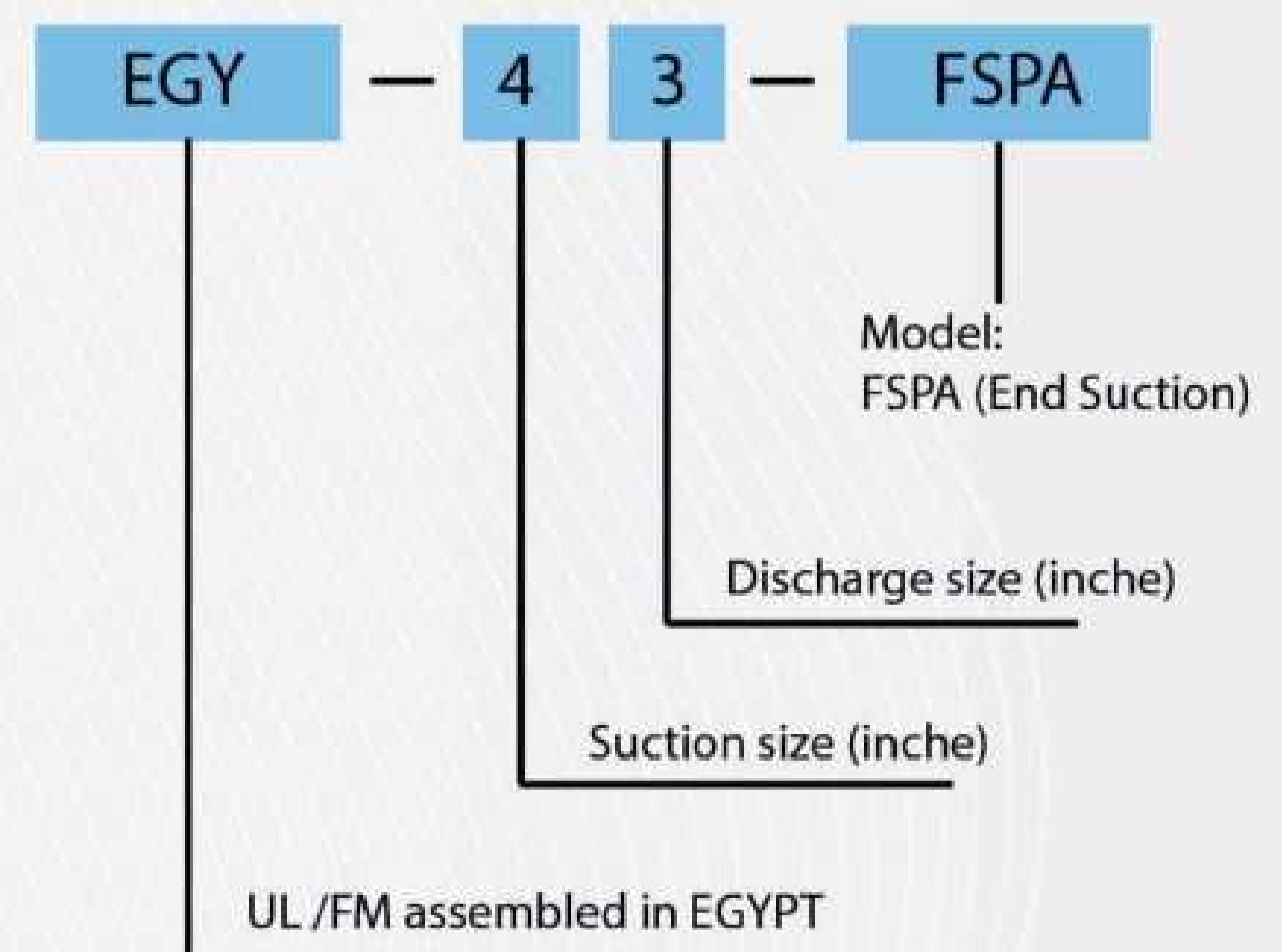
- Corrosion resistant materials used on the rotating parts
Hydraulically balanced impeller extends bearing life and assures smoother operation
- Fully compliance to NFPA-20 and listed by Underwriters Laboratories (UL) and (FM) factory mutual approved
- Very compact design for easy of installation and permits minimum maintenance.
- Easy removal and maintenance, BPO (Back Pull Out) system allows all rotating elements to be removed without disconnecting suction and discharge pipe work.
- Top centreline discharge, foot support under casing for maximum resistance to misalignment and distortion from pipe loads.
- Flow rate capacity 250 up to 750 GPM
Max. Working Pressure is 250 PSI with 250 lb. ANSI flanges.



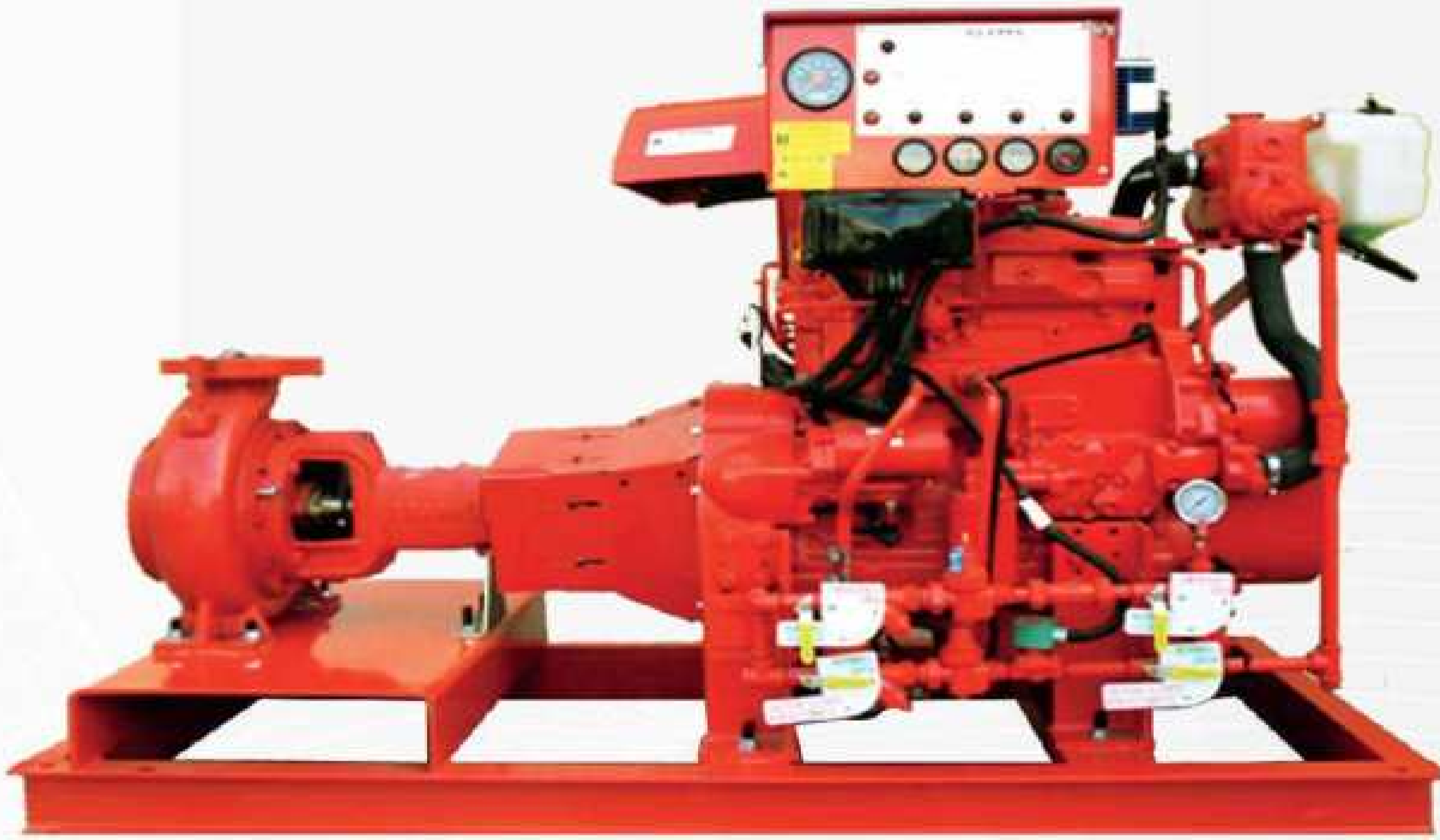
SPECIFICATIONS & MODEL CODE

Item		Specifications
Liquid handled property		Clean water, 0 – 80 °C (32 to 176 °F)
Max. Working Pressure		250 psi
Approx. speed		2950 rpm
Construction	Impeller	Enclosed
	Shaft seal	Gland Packing
	Flushing	Self Flushing
	Bearing	Shield Ball Bearing
Flange	Suction	ANSI 250
	Discharge	ANSI 250
Material	Casing	Ductile Cast Iron (FCD450) for FSPA model
	Impeller	Bronze casting (CAC406)
	Shaft	FSPA Stainless Steel (SUS316)
	Shaft Sleeve	Bronze Casting (CAC406)
	Gland Packing	Teflon (PTFE) Impregnated
Standard Accessories	Pressure Gauge	0 – 220 psi
	Compound Gauge	-30 in Hg – 60 psi
	Air Relieve Valve	standard

Model Code



UL / FM End Suction Fire Pump



UL/FM END SUCTION FIRE PUMP RANGE AT 2950 RPM RATED SPEED

FLOW	UL/FM RATED PRESSURE		PUMP MODEL	MAXIMUM HP	ELECTRIC MOTOR	DIESEL ENGINE
	PSI	KPA			HP	HP
250 USGPM (57 M ³ /H)	88*	607	EGY - 43 FSPA	25	25	45
	107	738		32	30	45
	129	889		42	40	45
	144	993		47	50	60
300 USGPM (68 M ³ /H)	85*	586	EGY - 43 FSPA	27	25	45
	105	724		35	40	45
	127	876		45	40	60
	143	986		51	50	60
400 USGPM (68 M ³ /H)	78*	538	EGY - 43 FSPA	31	30	45
	97	669		39	40	45
	121	834		54	50	60
	136	938		59	60	60
450 GPM (102 M ³ /H)	133*	917	EGY - 43 FSPA	67	60	71
500 USGPM (113 M ³ /H)	80*	552	EGY - 54 FSPA	47	50	60
	107	738		67	60	71
	119	820		77	75	83
	138	951		92	100	115
	132*	910	EGY - 64 FSPA	77	75	83
	152	1048		93	100	115
	172	1186		105	100	115
	194	1338		122	125	145
215	1482	138	125	145		
750 USGPM (170 M ³ /H)	74*	510	EGY - 54 FSPA	52	50	60
	101	696		78	75	83
	113	779		91	100	115
	132	910		108	100	115
	119*	820	EGY - 64 FSPA	91	100	115
	141	972		112	100	115
	162	1117		134	125	145
	187	1289		154	150	175
210	1448	174	200	175		

* UL ONLY

** FM ONLY



Fire Fighting Pumps

UL - Listed, NFPA-20 Compliant

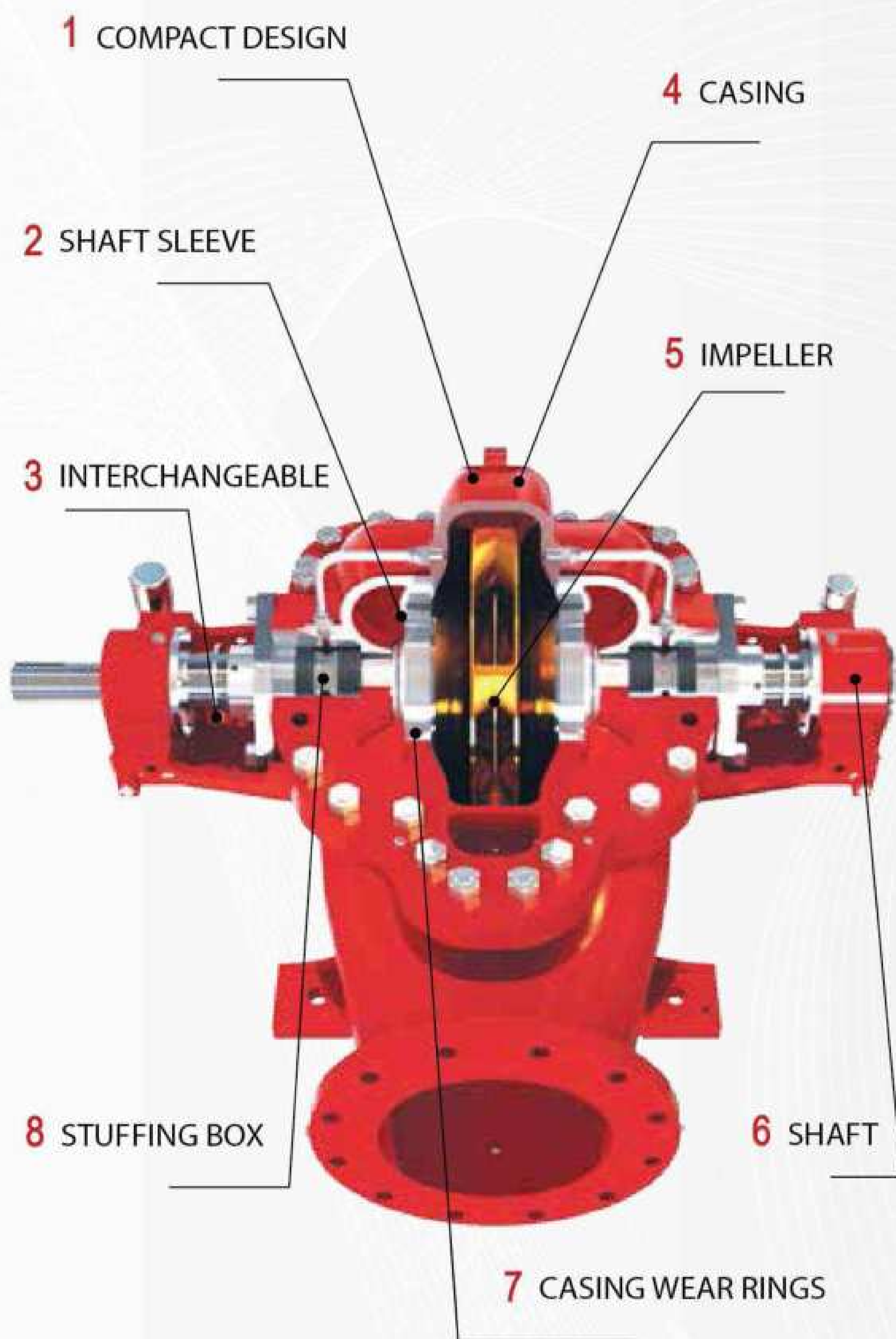
**HORIZONTAL SPLIT CASE
EGY-HSL and EGY-ZW Range
(150-5000 gpm)**



FIRE PUMPS Horizontal Split Case

Characteristics

Ruhrpumpen also designs offshore Fire Pump Systems with ABS certification for floating offshore facilities.



Images for general arrangement use only, not certified for construction.

HOIZONTAL SPLIT CASE PERFORMANCE DATA

Capacity	up to 1136 m ³ /h	5,000 U.S. gpm
Head	up to 204 m	670 ft
Pressure	up to 20 bar	290 psig
Temperature	10° to 105 °C	50 ° to 220°F

DESCRIPTION

Single Stage Horizontal Split Case Pumps

COMPACT DESIGN

Heavy shaft and short bearing span reduce shaft deflection to a minimum, providing longer packing and bearing life and lower maintenance costs, while requiring less floor space. Clockwise rotation standard; counter-clockwise rotation optional

- SHAFT SLEEVE**
 Protects the shaft against corrosion and wear, extends through gland for maximum shaft protection
- INTERCHANGEABLE**
 Radial and Thrust Bearings with grease lubrication are (conservatively rated at 100,000 hrs "Plus" Bearing Life) guaranteed, maximum life at minimum maintenance cost
- CASING**
 Upper and lower half bolted and dowelled to provide perfect alignment. Bearing supports are cast and bored integrally with lower-half casing. Upper half casing can be removed for inspection, without disturbing bearings or alignment. Flanged suction and discharge connections are located in the lower-half casing
- IMPELLER**
 Enclosed, double-suction. Cast in one-piece and balanced to minimize thrust and to ensure longer bearing life. Locked in position by threaded shaft sleeves
- SHAFT**
 Larger-diameter, precision-machined, high strength steel shaft for maximum strength with minimum shaft deflection
- CASING WEAR RINGS**
 Close running clearance minimizes pressure leakage between suction and discharge chambers of the casing, maximizes efficiency and are easily replaceable
- STUFFING BOX**
 Designed to accept a minimum of five rings of packing with lantern ring. Internally drilled liquid passage in upper-half casing provides lubrication to the packing area

DESIGN FEATURES

- NFPA - 20
- UL - 448
- Special design available on request

UL Listed Range Horizontal Split Case Fire Pumps range

* (3000) RPM.

UL-Listed Range at (3000) RPM								
Rated Capacity GPM (M3/H)	Pump Model	Pressure Range			Max Working	BHP	Recommended Electric Motor	Recommended Diesel Engine
		Psi	Bar	Speed RPM	Pressure Psi			
150 (34 M3/H)	EGY-HSL 3x4x10 A	91.76	6.3	3000	250	24	25	45
		105	7.2	3000	250	26.8	25	45
		116	8.0	3000	250	29.4	30	45
		130	9.0	3000	250	32.7	30	45
		145	10.0	3000	250	36.9	40	45
		161	11.1	3000	250	37.8	40	45
200 (45 M3/H)	EGY-HSL 3x4x10 A	90	6.2	3000	250	28	30	45
		105	7.2	3000	250	31	30	45
		125	8.6	3000	250	36.6	40	45
		135	9.3	3000	250	39.4	40	45
		145	10.0	3000	250	42.5	40	45
		147.1	10.1	3000	250	43.2	40	45
250 (56 M3/H)	EGY-HSL 3x4x10 A	91.78	6.3	3000	250	32.4	30	45
		105	7.2	3000	250	36.1	40	45
		115	7.9	3000	250	39	40	45
		125	8.6	3000	250	41.8	40	45
		135	9.3	3000	250	45.1	50	50
		150	10.3	3000	250	50.3	50	50
300 (68 M3/H)	EGY-HSL 3x4x10 A	90.6	6.2	3000	250	35.4	40	45
		105	7.2	3000	250	40.1	40	45
		125	8.6	3000	250	46.6	50	50
		145	10.0	3000	250	54.2	50	50
500 (113 M3/H)	EGY-ZW 6x4x14 B	169	11.7	3000	430	100	100	115
		180	12.4	3000	430	106	100	115
		195	13.4	3000	430	116	125	145
		220	15.2	3000	430	132	150	145
		243.6	16.8	3000	430	146	150	145
750 (170 M3/H)	EGY-ZW 6x5x14 F	158	10.9	2960	445	138	150	145
		185	12.8	2960	445	169	200	175
		205	14.1	2960	445	189	200	216
		230	15.9	2960	445	217	200	216
1000 (227 M3/H)	EGY-ZW 8x5x14 F	154	10.6	2960	465	157	150	175
		174	12.0	2960	465	180	200	216
		194	13.4	2960	465	203	200	216
		220	15.2	2960	465	234	250	275
		248	17.1	2960	465	268	300	275
1250 (283 M3/H)	EGY-ZW 8x6x12F	130	9.0	2960	465	179	200	216
		145	10.0	2960	465	198	200	216
		160	11.0	2960	465	216	200	216
		174	12.0	2960	465	233	250	275
1500 (340 M3/H)	EGY-ZW 10x6x12 F	135	9.3	2960	290	215	200	216
		145	10.0	2960	290	235	250	275
		175	12.1	2960	290	291	300	300
		190	13.1	2960	290	320	350	*
2000 (454 M3/H)	EGY-ZW 10x6x12 F	131	9.0	2960	290	238	250	275
		145	10.0	2960	290	268	250	275
		160	11.0	2960	290	301	300	300
		174	12.0	2960	290	332	350	*
		185	12.8	2960	290	358	350	*

* Use 385 Hp Diesel engine at 1480 RPM

* (1480 - 1775) RPM.

UL-Listed Range at (1480-1775) RPM								
Rated Capacity GPM (M3/H)	Pump Model	Pressure Range		Speed RPM	Max Working Pressure Psi	BHP	Recommended Electric Motor	Recommended Diesel Engine
		Psi	Bar					
2500 (567 M3/H)	EGY-ZW 12x10x24 F	116	8.0	1480	372	293	300	300
		130	9.0	1480	372	337	350	385
		145	10.0	1480	372	385	400	385
		160	11.0	1480	372	433	450	450
		179	12.3	1480	372	494	500	522
3000 (681 M3/H)	EGY-ZW 16x12x20FH	101	7.0	1480	305	339	350	385
		116	8.0	1480	305	390	400	450
		130	9.0	1750	305	479	500	495
		145	10.0	1750	305	536	*	542
		160	11.0	1750	305	591	*	600
3000 (681 M3/H)	EGY-ZW 12x10x24 F	182	12.5	1750	305	673	*	700
		116	8.0	1480	372	328	350	385
		130	9.0	1480	372	376	400	385
		160	11.0	1750	372	451	500	460
		189	13.0	1750	372	553	*	587
3500 (795 M3/H)	EGY-ZW 12x10x24 F	217	15.0	1750	372	655	*	687
		250	17.2	1750	372	774	*	800
		105	7.2	1480	372	328	350	385
		116	8.0	1480	372	360	350	385
		130	9.0	1480	372	411	400	450
3500 (795 M3/H)	EGY-ZW 16x12x20FH	147	10.1	1750	372	450	500	460
		160	11.0	1750	372	492	500	495
		189	13.0	1750	372	607	*	650
		217	15.0	1750	372	721	*	755
		248	17.1	1750	372	849	*	875
3500 (795 M3/H)	EGY-ZW 16x12x20FH	101	7.0	1480	305	363	350	385
		116	8.0	1480	305	421	400	450
		130	9.0	1775	305	542	*	542
		145	10.0	1750	305	605	*	650
		160	11.0	1750	305	671	*	687
4000 (908 M3/H)	EGY-ZW 16x12x20FH	180	12.4	1750	305	756	*	755
		186	12.8	1775	305	787	*	800
		101	7.0	1480	305	391	400	450
		116	8.0	1480	305	454	450	522
		130	9.0	1775	305	542	*	542
4500 (1022 M3/H)	EGY-ZW 16x12x20FH	145	10.0	1750	305	606	*	650
		160	11.0	1750	305	671	*	687
		178	12.3	1750	305	748	*	755
		104	7.2	1480	305	430	450	450
		123	8.5	1750	305	541	*	542
5000 (1135 M3/H)	EGY-ZW 16x12x20FH	147	10.1	1750	305	655	*	687
		16	11.2	1750	305	728	*	755
		182	12.5	1775	305	819	*	875
		101	7.0	1480	305	450	450	450
		120	8.3	1750	305	557	*	587
5000 (1135 M3/H)	EGY-ZW 16x12x20FH	145	10.0	1750	305	683	*	687
		160	11.0	1750	305	757	*	755
		180	12.4	1775	305	861	*	875

* No Listed Electric Motors for fire fighting above 500 HP



Foam Pumps

UL - Listed, FM Approved NFPA-20

Made in USA - Assembled in EGYPT



Pumps Specification

- Flow rate: 91-1592 LPM (24-420 gpm)
- Rotor: Spur gear
- Maximum differential pressure: 21 bar
- Drivers: PTO, hydraulic, engine, electric or water turbine
- Ports: Threaded or groove or flanged



Models EGY-FP are available in packaged systems designed for common applications or customized to include a variety of specified drivers, controls, gauges, valves, piping, etc. for plug and play installations.

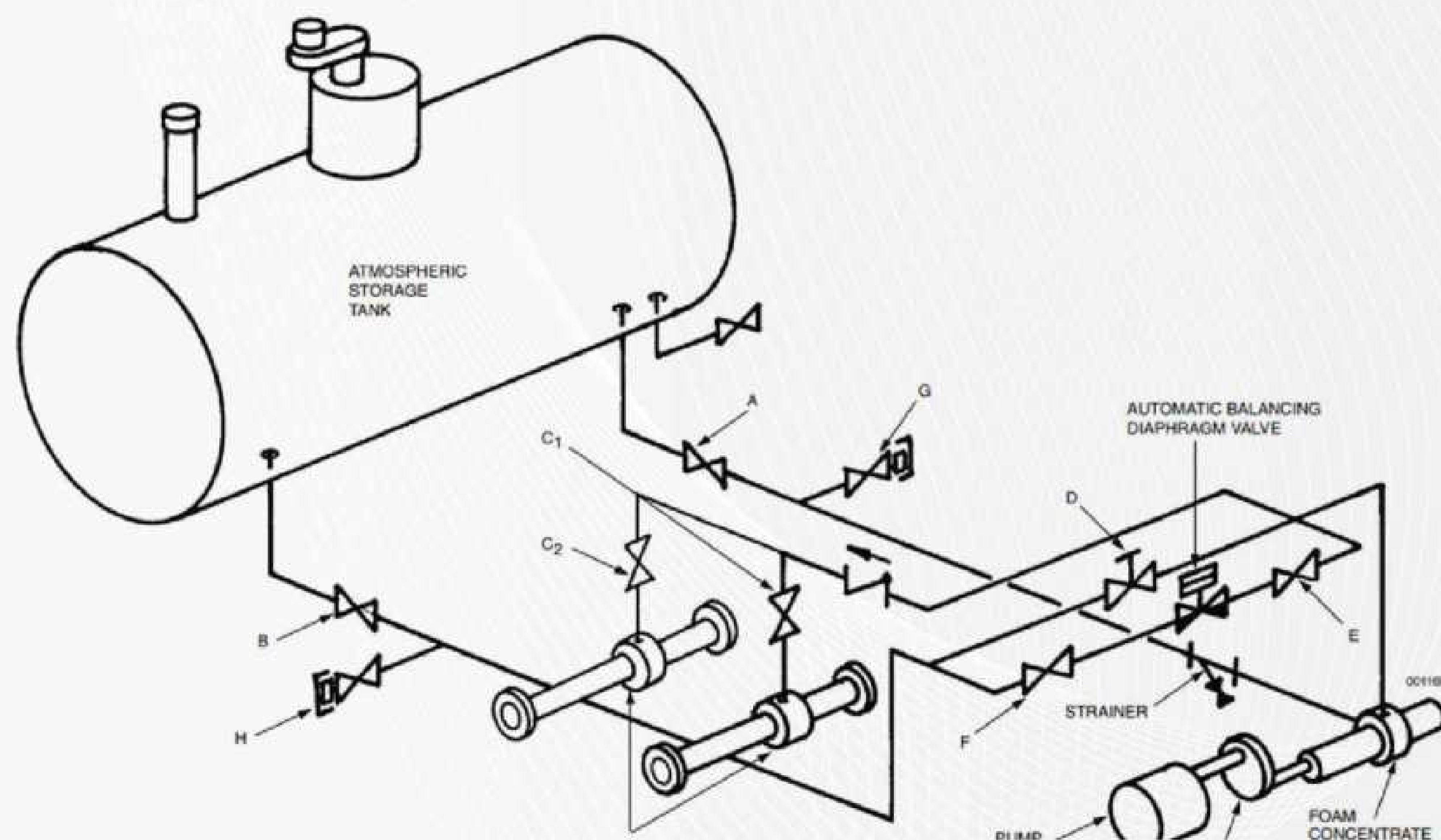
Our engineers are exceptionally knowledgeable of foam applications and are eager to help you solve your foam pumping issues.

Balanced pressure pump proportioning systems are designed to accurately control the flow of a foam liquid concentrate into a water stream over a wide range of flow rates and pressures.

These pump proportioning systems operate by matching the required foam concentrate pump output to the proportioner maximum flow demand.

Because they are capable of continuously generating large volumes of foam solution, balanced pressure pump proportioning systems are typically used to protect tank farms, marine docks, chemical processing plants, offshore oil platforms, aircraft hangars, and loading racks.

A	Foam Tank Suction
B	Foam Tank Return
C1	Foam Proportioner Supply
C2	Foam Proportioner Supply (If Required)
D	Manual Foam Balancing
E	Foam Supply to Automatic Balancing Valve
F	Foam Discharge from Automatic Balancing Valve
G	Flush Inlet
H	Flush Outlet
I1	Foam Pressure Sensing (If Required)
I2	Foam Pressure Sensing (If Required)
J	Water Sensing to Automatic Balancing Valve
K	Foam Sensing to Automatic Balancing Valve
L	Water Flush Out
M	Foam Flush Out



Electric Motors



Diesel Engines



Fire Pump Controllers



Accessories



Foam Pump Skids Projects



TCI SANMAR - PORTSAID - (2 x Station)
(Two Electric pumps station - Two Diesel pumps station)



SONKER - Ein Sokhna



CORC - Tanta



Foam Trailer



Aqua Fire Pumps

CE mark

CE

AQUA - CE Fire Pumps Skid



**500 gpm @ 8 bar .Fire Pump package assembled as per
EN Standards CE mark Certificate**

Consists of :

- EBARA end suction pump with 50 hp. Electric motor.
- EBARA end suction pump with 48 hp. Diesel engine.
- EBARA jockey pump.
- **EGY - EIPC** electric fire pump controller with pressure transducer.
- **EGY - DIPC** diesel fire pump controller with pressure transducer.
- **EGY - JLPC** Jockey controller with pressure transducer.
- All necessary OS & Y valves, non-return valves and sch 40 piping.
- All necessary stainless steel sensing lines from piping to transducers.



Halotop®



ISS controllers



APC – valves

ICON FIRE PUMP CONTROLLERS

General Features for ICON Touch Screen System:

- Manufactured in accordance with the latest NFPA 20.
- 7" LCD Touch Screen with water-resistant front panel (IP65).
- Flame retardant ABS Housing.
- 64 bit quad-core processor.
- Software adjustable settings and parameters.
- 10 Years log memory.
- Timers: Sequential start timer, Run duration timer, Weekly test timer
- Accepts pressure transmitters or pressure switches.
- On-site trouble shooting
- Interlock between controllers to prevent multi pump run.
- USB ports for history backup, data can be downloaded to memory drive through USB port
- Historical data filters to be viewed on screen (alarms, events, actions) or status live update

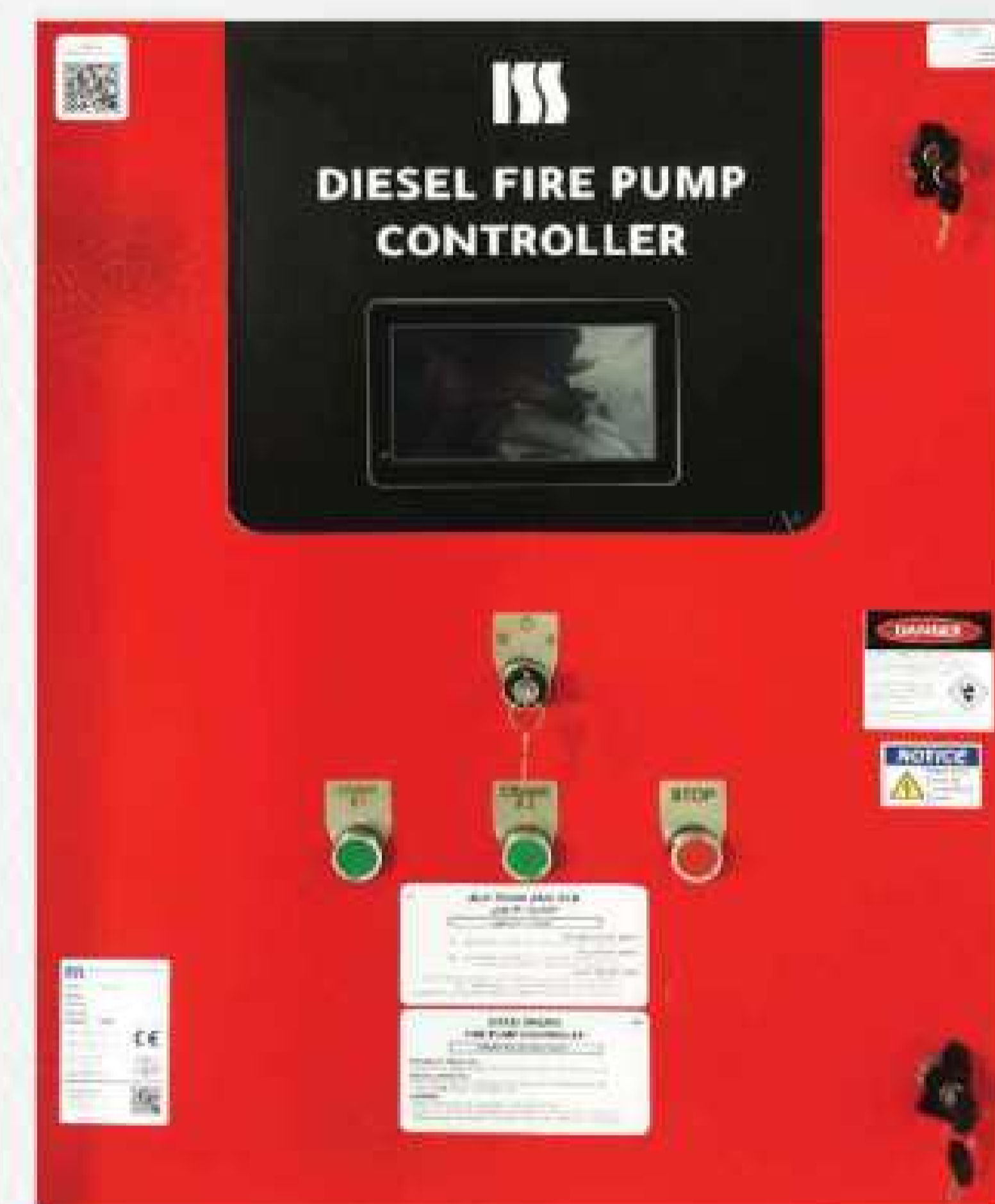
Electric Fire Pump Controller EGY-EIPC Features:

- Designed for use with electric motor driven fire pumps.
- DOL or Wye-Delta Open starting method.
- Manufactured in accordance with the NFPA 20 and CE certified.
- Models range from 5 to 250 horsepower, 380V 50/60 Hz.
- Automatic start and a manual start/manual stop buttons.
- Emergency DOL start/stop buttons.
- Locked rotor, over/under voltage and over/under current protection
- Readings:
 - o Voltage and amperage display and monitoring.
 - o Cut-in, cut-out and continuous system pressure.
 - o Run Counter and Hour meter.
- Visual indications for operating method:
 - o Standard conditions.
 - o Alarm conditions.
 - o Color coded for criticalness.
- Remote alarms:
 - o Power available.
 - o Phase reversal.
 - o Motor run.
 - o Common pump room alarm.
 - o Common motor trouble.



Diesel Fire Pump Controller *EGY-DIPC* Features:

- Designed to control Diesel Engine Driven Fire Pumps
- Built to the latest NFPA 20 Standards, CE Certified
- Manual and automatic operation
- Pressure, voltage, RPM and event recorder
- AC: 220V to 240V/1ph/50-60hz
- DC: 12 or 24VDC
- Battery chargers: One or Two independent fully automatic 25A continuous charge/cutoff
- Readings:
 - o AC voltage readings
 - o Battery (x2) voltage
 - o Charging (x2) amperage
 - o Pressure readings bar/psi
 - o Oil pressure, coolant temperature, oil temperature readings
 - o Cut-in cut-out and continuous system pressure display
- Alarm contacts for remote indication:
 - o Engine run
 - o Audible – bell /Visual-onscreen alarms
 - o Common controller trouble
 - o Common engine trouble
 - o Common pump room alarm
 - o H-O-A in OFF or MANUAL
- Visual and audible alarms:
 - o Battery #1 & #2 Failure
 - o AC Failure
 - o Low oil pressure alarm
 - o High engine temperature alarm
 - o Over speed/Engine run/Fail to start



Jockey Fire Pump Controller *EGY-JLPC* Features:

- Direct online (DOL) or Star/Delta open starter.
- Lamp Indications: Phase Reverse/Failure, Trip, ON/OFF state.
- Thermal overload protection.
- Operation mode selector: Manual mode, Off mode, Automatic mode.
- Pressure switch automatic mode control.
- AC: 380V/3Phase/50/60hz.

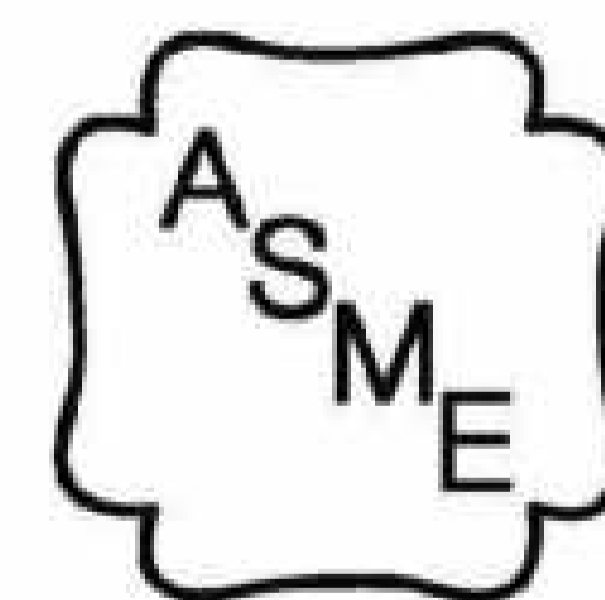




CHEM GUARD

Foam Systems

UL-Listed, NFPA 11 Compliant
Vertical EGY- CVBT & Horizontal EGY-CHBT
(25 to 4000 Gallon)



First UL listed for Horizontal & Vertical Bladder Tanks Manufactured as per ASME & EN

Features:

- 25 - 3000 Gal - Vertical type bladder tank.
- 100 - 4000 Gal - horizontal type bladder tank.
- 2" - 8" ratio flow controller UL Listed.
- AFFF & AR-AFFF & FP UL listed blended in EGYPT foam –CHEMGUARD-USA.
- All type of required accessories such as valves , pressure relief valves , sight gauges , foam filling pumps and all type of foam discharge units.

First



BLADDER TANK in EGYPT



EGY-CHBT
(25 - 3000) Gal.



EGY-CVBT
(100 - 4500) Gal.



UL Listed - Foam Products - TYCO / CHEMGUARD - USA



Blended FP/AFFF/AR-AFFF in Egypt

- 3% AFFF , model : EGY-C301MS
- 3% AFFF , model : EGY-C303
- 6% AFFF , model : EGY-C603
- 3%X6% AR-AFFF, model : EGY-C361
- 3%X3% AR-AFFF, model : EGY-CUG
- 3%X3% AR-AFFF, model : EGY-C333
- 3% FP ,model : EGY-CP2305
- 6% FP ,model: EGY-CP2605
- 3% AFFF , model : EGY-C3B
- 6% AFFF , model : EGY-C6B
- 3%X6% AR-AFFF, model : EGY-C364
- 3%X3% AR-AFFF, model : EGY-C344-LV
- 3% FP , model : EGY-CP3B
- 6% FP , model : EGY-CP6B

12/23/2017

GFGV.EX6202 - Foam Liquid Concentrates



ONLINE CERTIFICATIONS DIRECTORY



GFGV.EX6202 Foam Liquid Concentrates

[Page Bottom](#)

Foam Liquid Concentrates

[See General Information for Foam Liquid Concentrates](#)

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E
49 ABBASS EL AKKAD ST
NASR CITY, CAIRO EGYPT

EX6202

ISS 3 percent AFFF EGY-C301MS, nominal 3 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

ISS 3 percent AFFF EGY-C303, nominal 3 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

ISS 6 percent AFFF EGY-C603, nominal 6 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

ISS 3 percent-6 percent AR-AFFF EGY-C361, nominal 3 or 6 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent, Polar solvent fuels at 6 percent.

ISS 3 percent AR-AFFF EGY-CUG, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent except as specifically indicated at 1 percent. Polar solvent fuels at 3 percent.

ISS 3% AR-AFFF EGY-C333, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

3% Fluoroprotein, EGY-CP2305, nominal 3 percent, +20 F minimum storage and use temperature. Hydrocarbon fuels only.

6% Fluoroprotein, EGY-CP2605, nominal 6 percent, +20F minimum storage and use temperature. Hydrocarbon fuels only.

6% Fluoroprotein, EGY-CP2605, nominal 6 percent, +20F minimum storage and use temperature. Hydrocarbon fuels only.

3% AFFF EGY-C3B, nominal 3 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

6% AFFF EGY-C6B, nominal 6 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

3%X6% AR-AFFF EGY-C364, nominal 3 or 6 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels at 3 percent except as specifically indicated at 1 and 2 percent. Polar solvent fuels at 6 percent.

3%X3% AR-AFFF EGY-C344-LV, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbons and polar solvent fuels at 3 percent.

3% Fluoroprotein EGY-CP3B, nominal 3 percent, +20 F minimum storage and use temperature. Hydrocarbon fuels only.

6% Fluoroprotein EGY-CP6B, nominal 3 percent, +20 F minimum storage and use temperature. Hydrocarbon fuels only.

Foam Bladder Tanks



ISS - Locally Manufactured Foam Products - CE mark (option)



Foam Pump Skids



Custom Made Foam trailers Foam



Automatic Oscilating Mobile Monitor



Foam Hose Cabinets



Bladder Tanks Shipment



Medium Expansion Nozzles

First Approved Filling Station in Egypt & Africa



It is hereby certified that

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E

Street 71, Zone A, Block 13040 AL OBOUR INDUSTRIAL CITY, 11828 Cairo, Egypt

Achieved the required Fill Station Standard

By successfully completing Fill Station Audit and Compliance Program for:

FM200 FILLING

CERTIFICATE CODE: FSCHMEA001_2022

VALID FOR 3 YEARS FROM OCT. 19TH 2022

Tim Broughton
Product Management Engineered Systems

The power behind your mission

The certificate is considered valid only for the above statement and does not imply compliance with Local Regulations, Health and Safety or Environmental Laws.

Johnson Controls



System UL / FM



Part No. (Nominal Volume)	Minimum and Maximum Fills		Valve Size		Height from floor to outlet (nominal)		Diameter		Nominal Tare Weight	
	kg	(lbs)	mm	(in)	mm	(in)	mm	(in)	kg	(lbs)
303.205.026 (4.5 litre)	2.3 to 4.5	(5 to 10)	25	(1")	280	(11")	178	(7")	7.7	(17)
303.205.015 (8 litre)	4.0 to 8.0	(9 to 18)	25	(1")	304	(12")	254	(10")	14.8	(32.6)
303.205.016 (16 litre)	8.0 to 16.0	(18 to 35)	25	(1")	502	(19.8")	254	(10")	18.4	(40.6)
303.205.017 (32 litre)	16.0 to 32.0	(35 to 71)	25	(1")	833	(32.8")	254	(10")	26.1	(57.5)
303.205.030 (40 litre) *	20.0 to 40.0	(44 to 88)	50	(2")	1352	(53.2")	227.2	(9")	52.2	(115)
303.205.018 (52 litre)	26.0 to 52.0	(58 to 115)	50	(2")	596	(23.5")	406	(16")	49.1	(108.3)
303.205.031 (67.5 litre) *	33.8 to 67.5	(75 to 149)	50	(2")	1526	(60")	265	(10.4")	81.6	(180)
303.205.032 (80 litre) *	40.0 to 80.0	(88 to 176)	50	(2")	1685	(66.3")	276	(11")	95.3	(210)
303.205.019 (106 litre)	53.0 to 106.0	(117 to 234)	50	(2")	1021	(40.2")	406	(16")	71.8	(158.3)
303.205.020 (147 litre)	73.5 to 147.0	(162 to 324)	50	(2")	1354	(53.3")	406	(16")	89.9	(198.2)
303.205.021 (180 litre)	90.0 to 180.0	(198 to 397)	50	(2")	1634	(64.3")	406	(16")	105.8	(233.2)
303.205.022 (343 litre)	171.5 to 343	(378 to 756)	80	(3")	1466	(57.7")	610	(24")	207	(456)

Where Specification require UL/FM Systems, ISS is proud to be the Main Distributor of (TYCO/HYGOOD) FM200 Systems.

The highest quality products in the globe can be supplied with approved Software hydraulic Calculations by trained engineers.

Variety of cylinder sizes, hoses, switches, nozzles can be supplied.



Electric Solenoid Valve

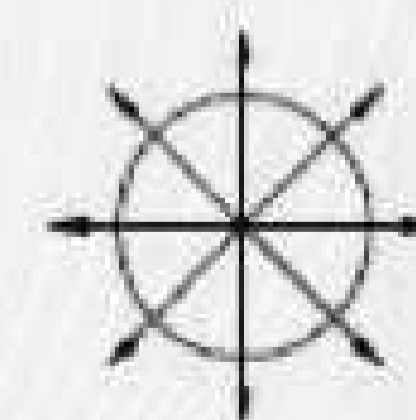
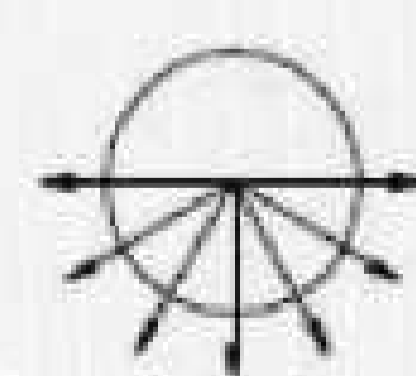


Local Manual Actuator



Pneumatic Actuator

Discharge nozzle 180 & 360 degree UL/FM



Nozzles

ANSUL System UL / FM



When Specification require UL/FM Systems, ISS is proud to be a main distributor of TYCO/ANSUL - CO2 Systems - made in USA.

The highest quality products in the globe can be supplied with approved software hydraulic calculation by trained engineers.

for complete details please contact us.

CO2 System Reference List for UL - CE mark

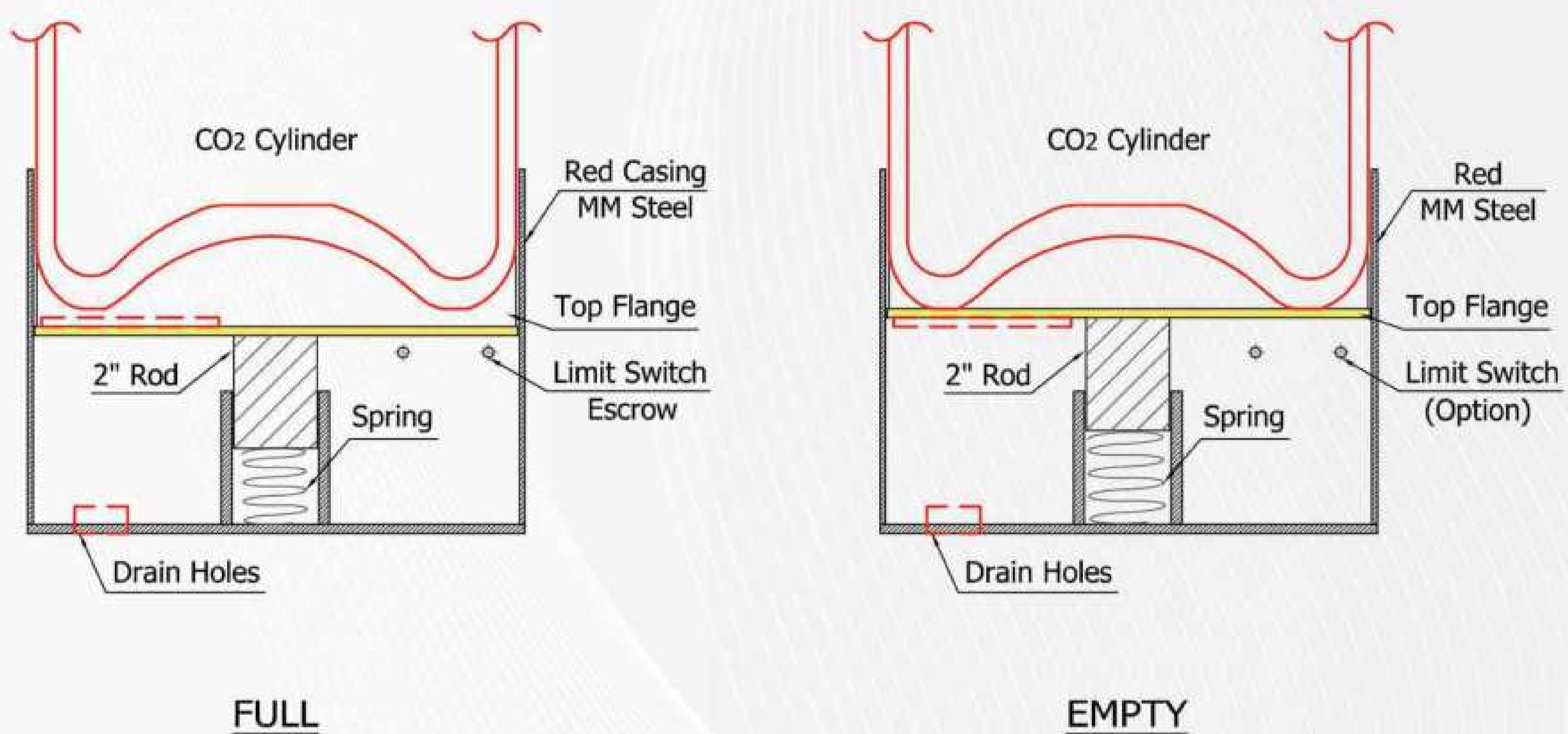
CE-approved systems

- TCI-SANMAR – PORTSAID - 70 CYL.
- MISR GLASS FACTRY -MOSTOROD – 50 CYL.
- JUSHI EGYPT FIBERGLASS– SUEZ – 180 CYL.
- COOK DOOR–AL OBOURIND. AREA – 40 CYL.
- AL-SHAMEYA – 10TH OF RAMADAN- 14-CYL.
- IFFCO EGYPT – ATAKA SUEZ. - 12 CYL.
- PETROJET MAIN NEW BUILDING – 200 CLY.

UL/FM systems

- HAC- BEER ERIDA AIRBASE- 46 CYL.
- PETROJET – SAWAMEA- 4-SITES - 72 CYL.
- PETROJET-MISR PETROLEUM W/H- 74 CYL.
- POLYETHELYENE FAC.-PORSTAD- 50 CYL.
- CAIRO OIL REFINERY CO- CORC- 35 CYL.
- MERLOSE PETROLEUM -MANSOURA-6CYL.
- PAKIN PAINTS – ALOBOUR AREA- 18CYLINDERS.

Assembled Systems in Egypt



*Co2 - 5 X cylinder bank with weighting - Scales - CE Mark approved.
*System approved by Egyptian Civil defence.

ISS/Autofirex DLP Systems



Product Description

AutoFireX® DLP- direct low-pressure clean agent systems are primarily pre-engineered automatic fire detection and suppression systems utilizing various low-pressure clean agents like HFC-227ea (FM200).

These units are designed, manufactured, and tested in ISO 9001:2015 certified facilities.

Operating Principle

- Fire detection tube is pressurized with Nitrogen.
- Heat from the fire softens the tube and causes it to burst.
- This burst hole forms a nozzle to deliver the agent.
- Drop in pressure activates the valve.
- Agent is released directly on to the hottest part of the fire.



Civil Defense Approval

Ministry of Interior
General Administration
of Civil Protection

الإدارة العامة للحماية المدنية
إدارة وحدة الطوارئ

GACP

السادة / الشركة الدولية لأنظمة الأمن والسلامة

تحية طيبة... وبعد

تهدي الإدارة العامة للحماية المدنية أطيب تحياتها لسيداتكم مقرونة باسمي آيات التقدير
إيماءً لكتاب سيداتكم الوارد للإدارة بشأن طلب فحص نظام الإطفاء التلقائي
بالتسليط الموضوعي بغاز FM200 ماركة AUTOFIREX لتزكيه بالمشاريع داخل
جمهورية مصر العربية .

نتشرف أن نرسل لسيداتكم التقرير المعد في هذا الشأن .
وتفضلوا سيداتكم بقبول وافر الاحترام

٢٠٢١/١٠/١٧
١١١٩

نواء /
حازم عز العرب
مدير الإدارة العامة للحماية المدنية

- إختبار التسريب حيث تم غلق محبس مجموعة الرأس وضغطها بضغط ٢٠ بار وتبين عدم وجود تسريب .
*** الصنف مقبول من الناحية الفنية .

٣- بالنسبة لأنبوب الاستشعار (FLEXIBLE TUBE):
- مقدم كتالوج موضح به أنبوب إستشعار (TUBE) ماركة AUTOFIREX طراز 7000100 قطر خارجي ٦ مم وقطر داخلي ٤ مم أحمر اللون يتحمل درجة حرارة ١٣٨ درجة مئوية عند ضغط ١٥ بار .
- مقدم شهادة من معمل UL برقم UQGS2.S36302 تفيد باعتماد الطرازات للماركة المشار إليها بعاليه للمواصفات الأمريكية .
*** الصنف مقبول من الناحية الفنية .

• الأتي:
تري اللجنة قبول الأصناف الآتية:
١- اسطوانة FM200 (HFC-227ea) ماركة AUTOFIREX سعة (1.5 - 2.2 - 4.5 - 7.8 - 10.7) .
٢- مجموعة الرأس ماركة AUTOFIREX طراز 100155 .
٣- أنبوب إستشعار (TUBE) ماركة AUTOFIREX طراز 7000100 .
مع مسؤولية الشركة بضمان التوافق والتكامل بين مكونات النظام المشار إليه بعاليه وأن يتم التنفيذ والتشغيل وفقاً لما هو وارد بالأكواد المنظمة وتحت إشراف استشاري متخصص وعلى أن يتم فحص تلك الأصناف بالإدارة العامة للحماية المدنية قبل التوريد بأي مشروع داخل جمهورية مصر العربية .

وهذا تقرير منا بذلك

٢٠٢١/١٠/١٧
أعضاء اللجنة:
ملازم أول مهندس / عبدالشكور غريب
رائد مهندس / رامي محمد الرامي

رئيس اللجنة
عقيد مهندس /
أحمد حسن خطاب
مدير إدارة هندسة الإطفاء

Ministry of Interior
General Administration
of Civil Protection

الإدارة العامة للحماية المدنية
إدارة وحدة الطوارئ

GACP

تقرير

إيماءً لكتاب الشركة الدولية لأنظمة الأمن والسلامة الوارد للإدارة بشأن طلب فحص نظام الإطفاء التلقائي بالتسليط الموضوعي بغاز FM200 ماركة AUTOFIREX لتزكيه بالمشاريع داخل جمهورية مصر العربية .
وبناءً على ما تأثر من السيد اللواء/ وكيل الإدارة للإطفاء لإدارة هندسة الإطفاء وإدارة الحماية المدنية في الصناعة للدراسة والفحص فقد تشكلت لجنة برئاسة السيد العقيد مهندس / أحمد حسن خطاب - مدير إدارة هندسة الإطفاء وعضوية كلا من :-
- السيد رائد مهندس / رامي محمد الرامي - إدارة هندسة الإطفاء
- السيد الملازم أول مهندس / عبدالشكور غريب - إدارة هندسة الإطفاء

• الفحص :-
• بالنسبة لنظام الإطفاء التلقائي بالتسليط الموضوعي:
١- بالنسبة لاسطوانة FM200 (HFC-227ea):
- مقدم كتالوج موضح به اسطوانة FM200 (HFC-227ea) ماركة AUTOFIREX سعة (1.5 - 2.2 - 4.5 - 7.8 - 10.7) .
- مقدم شهادة من معمل UL برقم GMJJ2.EX28635 تفيد مطابقة السعات المشار إليها بعاليه للمواصفات الأمريكية .
*** الصنف مقبول من الناحية الفنية .

٢- بالنسبة لمجموعة الرأس:
- مقدم كتالوج موضح به مجموعة الرأس ماركة AUTOFIREX طراز 100155 من معدن STAINLESS STEEL SS304 مزودة بعدد لقياس الضغط الداخلي من النحاس المغلي بالنيكل مزودة بوسيلة للربط بالانذار طراز 200119 .
- مقدم شهادة من المركز القومي للبحوث (معمل اختبار المواد) برقم MO1 6580092021 الصادر بتاريخ ٢٠٢١/١٠/١٠ حيث تم اجراء الاختبارات وفقاً للمواصفات العالمية IS3224-2002 حيث اجتازت مجموعة الرأس الإختبارات الآتية (مرفق):
- إختبار الضغوط الاستاتيكية حيث تم ضغط مجموعة الرأس بضغط ١٨ بار لمدة ١٠ دقائق وتبين عدم وجود تسريب وبتبين عدم وجود تسريب بضغط ٤٥ بار لمدة ١٠ دقائق وتبين عدم وجود تسريب .
- إختبار الضغط بالهواء في حالة فتح محبس مجموعة الرأس وضغطها بضغط ١٢ بار وتبين عدم وجود تسريب وفي حالة غلق المحبس وضغطها بضغط ١٢ بار وتبين عدم وجود تسريب .
- إختبار الصدمات حيث تم بواسطة كرة من المعدن بقطر ١٣ مم وقيمة الصدمة ٨٠ جول وتبين عدم وجود تشققات بيدن مجموعة الرأس .

Fire Hydrants



Locally Manufactured by ISS



Fire Hose Reels

Fire Hose Cabinets

Mobile Foam Carts

Civil defence approval on F.H.C / Hoses / Hydrants

Ministry of Interior
General Administration
of Civil Protection



G.A.C.P

تقرير

وزارة الداخلية

الإدارة العامة للحماية المدنية

ملحوظة : هذا ملخص تقرير صادر من الإدارة العامة للحماية المدنية بأعتماد منتجات الشركة

السادة / الشركة الدولية لأنظمة الأمن والسلامة

تحية طيبة وبعد ،،

نتشرف انه بدراسة المرفقات تبين الآتى :

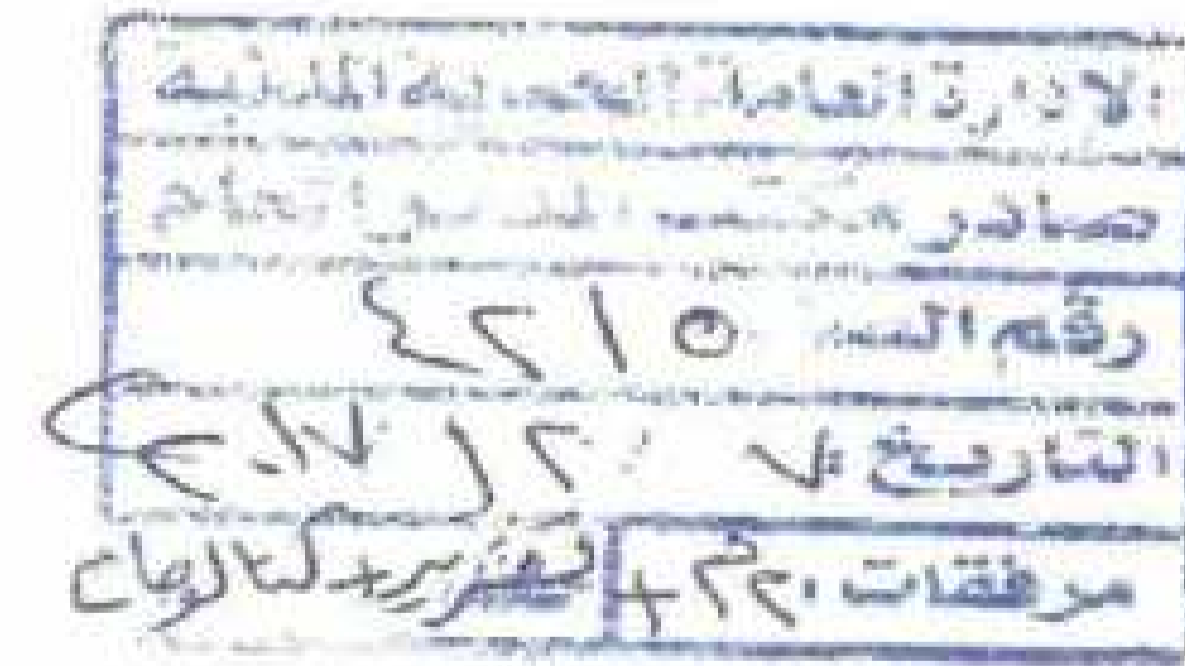
- بالنسبة لصندوق خرطوم حريق صناعية مصرية مزدوج مقاس ١٦٠ سم × ٨٠ سم × ٣٠ سم :
- مقدم كتالوج لصندوق حريق ماركة EGY-DHC طراز EGY-DHC-ISS موضع به ابعاد الصندوق ١٦٠ سم × ٨٠ سم × ٣٠ سم .
- بالنسبة لخرطوم حريق قطر ٢,٥ بوصة مبطن من الداخل والخارج بلواكير ٢,٥ بوصة :
- مقدم كتالوج لخرطوم ٢,٥ بوصة مبطن من الداخل والخارج ماركة TORRENT FIRE HOSE – TYPE1 بلواكير ٢,٥ بوصة مطابق للمواصفات الانجليزية 2009 TYPE1 : BS6391 والمواصفة المصرية رقم 3513 نوع ١ .
- بالنسبة لخرطوم حريق قطر ٢,٥ بوصة مبطن من الداخل فقط بلواكير ٢,٥ بوصة :
- مقدم كتالوج لخرطوم ٢,٥ بوصة مبطن من الداخل فقط ماركة TORRENT ARMOR FIRE HOSE – TYPE3 بلواكير ٢,٥ بوصة مطابق للمواصفات الانجليزية 2009 TYPE3 : BS6391 والمواصفة المصرية رقم 3513 نوع ٣ .
- بالنسبة لحنفية حريق رأسية بمدخل قطر ٦ بوصة ومخرجين قطر ٢,٥ بوصة :
- مقدم كتالوج موضع به حنفية رأسية بمدخل قطر ٦ بوصة ومخرجين قطر ٢,٥ بوصة ماركة EGY-FH4/6 مطابق للمواصفة المصرية ٧٧٧٥ - ٣٠١٤ والمواصفة 2005-EN1438 .
- بالنسبة لصندوق خرطوم حريق صناعية مصرية مزدوج مقاس ٨٠ سم × ٨٠ سم × ٣٠ سم :
- مقدم كتالوج لصندوق حريق ماركة EGY-FHC طراز EGY-FHC ISS موضع بع ابعاد الصندوق ٨٠ سم × ٨٠ سم × ٣٠ سم .
- **الرأى :-**
- الادارة ليس لديها مانع من تركيب المعدات أعلاه .

وهذا تقرير منا بذلك

٢٠١٧/١٢/٧

توقيع

لواء / د. /
عبدالمقصود بدير
مدير الإدارة العامة للحماية المدنية



Oil & Gas Client Base



Our Client Base



Sole Agent / Distributors For

FIRE PUMPS



FIRE PUMPS



FOAM PUMPS



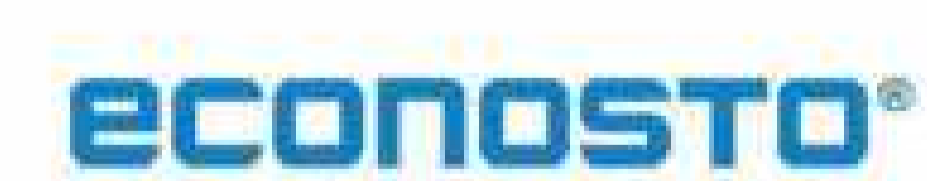
FIRE PROTECTION SYSTEMS



FIRE & GAS ALARM SYSTEMS



FIRE PROTECTION PRODUCTS



Fire Fighting Pumps Projects

TOSHIBA



شفااء الأورمان
صعيد بلا سرطان

البنك الأهلي المصري
NATIONAL BANK OF EGYPT

البريد المصري
EGYPT POST

المهندسين
للمحلات والمباني



شيبسي

غازتك
GASTEC
Clean Environment

أسمنت طوان
Helwan Cement

Unionaire



mffco

خالدة
Khalda

نورس
Nawras

uniorsal



Seagull

Egyptian Natural Gas Co.
GASCO



ريجاس
REGAS

ETROJET



TCl - Sanmar - Portsaid



Air Force Hanger



Romania - Power Station



NCB - Packaged Pumps

ISS Major Projects during 2022

First UL/FM – Fire Pumps in Egypt – since 2013 , over 500 Fire Pump packages installed in many prestigious projects .



R3 & R5 – housing complex in NEW Administration Capital



More than 50 x Fire Pump package at HAYA KAREEMA project



15x fire pump package at the Underground Metro Station – Line 3

TCI SANMAR - Port Said



18000 gpm- Fire Fighting Pump Station consists of 3x 5000 gpm Diesel Pumps and 2x1500 gpm Electric pumps.



Water & Foam Monitors around the whole Factory.



2x Foam Pump Stations ,one with 2 x electric foam pumps skid unit and 2 x diesel foam pumps skid unit , each with 20 m3 - 3%AR-AFFF foam concentrate in two atmospheric tanks.



Manual and automatic operation of a cooling System for VCM-Pressurized gas spheres..



Mimic Diagram and computer graphic package for Fire & Gas Detection system.



Manual and automatic operation of a Fire Protection system using (water/foam) systems for EDC and Methanol Tanks.

ISS

CERTIFICATES



وزارة التجارة والصناعة
اتحاد الصناعات المصرية

رقم سجل 2018-Tend

شهادة
استيفاء نسبة المكون المصري

اسم المنشأة:- الدولية لانظمة الامن والسلامة
العنوان:- مدينة الجيز - بلوك 13040 - قطعة 25 - المنطقة الصناعية
رقم القيد في السجل الصناعي:- 1318042701013817

توع التشغيل:- الصناعات الكيماوية
اسم المنتج الصناعي:- تصنيع مادة رغوية للأطباء FP /ARAFFF/AFFF
نسبة المكون الصناعي المصري المعتمدة من هيئة التنمية الصناعية:- 41.90%
يشهد اتحاد الصناعات المصرية ان المنتج المصري: تصنيع مادة رغوية للأطباء FP /ARAFFF/AFFF هي 41.90% ومستوفى نسبة المكون الصناعي المصري وفقا لاحكام القانون رقم (5) لسنة 2015 بشأن تفصيل المنتجات المصرية في العقود الحكومية وتستخدم للتقدم للمناقصات والممارسات الحكومية
تاريخ إصدار الشهادة: 27-11-2022 تاريخ إنهاء سريان الشهادة: 26-11-2023

المدير التنفيذي - اتحاد الصناعات المصرية
الاسم: د/ خالد عبد العظيم

وزارة التجارة والصناعة
اتحاد الصناعات المصرية

رقم سجل 2021-Tend

شهادة
استيفاء نسبة المكون المصري

اسم المنشأة:- الدولية لانظمة الامن والسلامة
العنوان:- مدينة الجيز - بلوك 13040 - قطعة 25 - المنطقة الصناعية
رقم القيد في السجل الصناعي:- 1318042701013817

توع التشغيل:- الصناعات الهندسية
اسم المنتج الصناعي:- تصنيع وتجميع أنظمة مضخات حريق سعكات من 50 الى 5000 جالون / دقيقة بمضخات تعمل بمحركات ديزل وكهرباء
نسبة المكون الصناعي المصري المعتمدة من هيئة التنمية الصناعية:- 42.40%
يشهد اتحاد الصناعات المصرية ان المنتج المصري: تصنيع وتجميع أنظمة مضخات حريق سعكات من 50 الى 5000 جالون / دقيقة بمضخات تعمل بمحركات ديزل وكهرباء هي 42.40% ومستوفى نسبة المكون الصناعي المصري وفقا لاحكام القانون رقم (5) لسنة 2015 بشأن تفصيل المنتجات المصرية في العقود الحكومية وتستخدم للتقدم للمناقصات والممارسات الحكومية
تاريخ إصدار الشهادة: 27-11-2022 تاريخ إنهاء سريان الشهادة: 26-11-2023

المدير التنفيذي - اتحاد الصناعات المصرية
الاسم: د/ خالد عبد العظيم

وزارة التجارة والصناعة
اتحاد الصناعات المصرية

رقم سجل 2020-Tend

شهادة
استيفاء نسبة المكون المصري

اسم المنشأة:- الدولية لانظمة الامن والسلامة
العنوان:- مدينة الجيز - بلوك 13040 - قطعة 25 - المنطقة الصناعية
رقم القيد في السجل الصناعي:- 1318042701013817

توع التشغيل:- الصناعات الهندسية
اسم المنتج الصناعي:- تصنيع وتجميع حربة رغوة سعكات مثقلة
نسبة المكون الصناعي المصري المعتمدة من هيئة التنمية الصناعية:- 42.50%
يشهد اتحاد الصناعات المصرية ان المنتج المصري: تصنيع وتجميع حربة رغوة سعكات مثقلة هي 42.50% ومستوفى نسبة المكون الصناعي المصري وفقا لاحكام القانون رقم (5) لسنة 2015 بشأن تفصيل المنتجات المصرية في العقود الحكومية وتستخدم للتقدم للمناقصات والممارسات الحكومية
تاريخ إصدار الشهادة: 27-11-2022 تاريخ إنهاء سريان الشهادة: 26-11-2023

المدير التنفيذي - اتحاد الصناعات المصرية
الاسم: د/ خالد عبد العظيم

وزارة التجارة والصناعة
اتحاد الصناعات المصرية

رقم سجل 2022-Tend

شهادة
استيفاء نسبة المكون المصري

اسم المنشأة:- الدولية لانظمة الامن والسلامة
العنوان:- مدينة الجيز - بلوك 13040 - قطعة 25 - المنطقة الصناعية
رقم القيد في السجل الصناعي:- 1318042701013817

توع التشغيل:- الصناعات الهندسية
اسم المنتج الصناعي:- تصنيع وتجميع أنظمة اطفاء بالغازات والرغوة والعياء
نسبة المكون الصناعي المصري المعتمدة من هيئة التنمية الصناعية:- 42.50%
يشهد اتحاد الصناعات المصرية ان المنتج المصري: تصنيع وتجميع أنظمة اطفاء بالغازات والرغوة والعياء هي 42.50% ومستوفى نسبة المكون الصناعي المصري وفقا لاحكام القانون رقم (5) لسنة 2015 بشأن تفصيل المنتجات المصرية في العقود الحكومية وتستخدم للتقدم للمناقصات والممارسات الحكومية
تاريخ إصدار الشهادة: 27-11-2022 تاريخ إنهاء سريان الشهادة: 26-11-2023

المدير التنفيذي - اتحاد الصناعات المصرية
الاسم: د/ خالد عبد العظيم

QXJY.EX16078 - Centrifugal Fire Pumps, Split Case

HISTORICAL

Centrifugal Fire Pumps, Split Case

[See General Information for Centrifugal Fire Pumps, Split Case](#)

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E
 AL OBOUR INDUSTRIAL CITY
 ZONE A (BLK 13040)
 CAIRO, EGYPT
 Fire pumps, single stage

EX16078

Rated Capacity (gpm)	Size (in.)	Model Dsg	Rated Net Pressure Range (psi)	Approx Speed (rpm)	Max Working Pressure (psi)
400	5x4	EGY-54 CNPA	76-113	2800	250
400	5x4	EGY-54 CNPA	126-150	3560	250
450	5x4	EGY-54 CNPA	73-112	2800	250
450	5x4	EGY-54 CNPA	125-148	3560	250
500	5x4	EGY-54 CNPA	71-110	2800	250
500	5x4	EGY-54 CNPA	83-141	2950	250
500	5x4	EGY-54 CNPA	124-146	3560	250
750	5x4	EGY-54 CNPA	75-133	2950	250
750	5x4	EGY-54 CNPA	110-133	3560	250
750	6x5	EGY-65 CNPA	85-127	2800	250
750	6x5	EGY-65 CNPA	137-158	3560	250
750	6x5	EGY-65 CNPA	100-150	2950	250
1000	6x5	EGY-65 CNPA	81-126	2800	250
1000	6x5	EGY-65 CNPA	94-149	2950	250
1000	6x5	EGY-65 CNPA	136-154	3560	250
1250	6x5	EGY-65 CNPA	73-122	2800	250
1250	6x5	EGY-65 CNPA	91-144	2950	250
1250	6x5	EGY-65 CNPA	127-148	3560	250

Last Updated on 2019-02-17

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2022 UL LLC."

QWZU.EX16077 - Centrifugal Fire Pumps, End Suction

HISTORICAL

Centrifugal Fire Pumps, End Suction

[See General Information for Centrifugal Fire Pumps, End Suction](#)

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E
 AL OBOUR INDUSTRIAL CITY
 ZONE A (BLK 13040)
 CAIRO, EGYPT

EX16077

Rated Capacity GPM	Size In.	Model Dsg	Rated Net Pressure Range psi	Approx Speed RPM	Max Working Pressure psi
250	4x3	EGY-43 FSPA	74-123	2800	240
250	4x3	EGY-43 FSPA	88-144	2950	250
250	4x3	EGY-43 FSPA	125-149	3560	240
300	4x3	EGY-43 FSPA	72-122	2800	240
300	4x3	EGY-43 FSPA	78-143	2950	250
300	4x3	EGY-43 FSPA	123-142	3560	240
400	4x3	EGY-43 FSPA	78-136	2950	250
400	4x3	EGY-43 FSPA	114-140	3560	240
400	5x4	EGY-54 FSPA	72-117	2800	240
400	5x4	EGY-54 FSPA	120-140	3560	240
450	4x3	EGY-43 FSPA	133	2950	250
450	4x3	EGY-43 FSPA	109-136	3560	240
450	5x4	EGY-54 FSPA	72-117	2800	240
450	5x4	EGY-54 FSPA	120-140	3560	240
450	6x4	EGY-64 FSPA	113-188	2800	250
450	6x4	EGY-64 FSPA	188-213	3560	250
500	5x4	EGY-54 FSPA	72-116	2800	240
500	5x4	EGY-54 FSPA	80-138	2950	250
500	5x4	EGY-54 FSPA	118-139	3560	240
500	6x4	EGY-64 FSPA	112-188	2800	250
500	6x4	EGY-64 FSPA	132-215	2950	250
500	6x4	EGY-64 FSPA	188-212	3560	250
750	5x4	EGY-54 FSPA	66-110	2800	240
750	5x4	EGY-54 FSPA	74-132	2950	250
750	6x4	EGY-64 FSPA	100-181	2800	250
750	6x4	EGY-64 FSPA	119-210	2950	250

Last Updated on 2019-02-17

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2022 UL LLC."



International Security & Safety Systems Co (ISS)

49 Abbass El Akkad St, Nasr City, Cairo, Egypt

☑ Fire Pump Installation Systems ☑ Fire Pumps ☑ Centrifugal Fire Pumps, Horizontal End-Suction Type

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)	Certification Type
EGY-43 FSPA	Egypt	250	945	107-145	740-1000	2950	4	3	1	FM Approved
EGY-43 FSPA	Egypt	300	1135	105-144	725-995	2950	4	3	1	FM Approved
EGY-43 FSPA	Egypt	400	1515	97-139	670-960	2950	4	3	1	FM Approved
EGY-54 FSPA	Egypt	500	1895	83-141	570-970	2950	5	4	1	FM Approved
EGY-54 FSPA	Egypt	750	2840	76-135	525-930	2950	5	4	1	FM Approved
EGY-64 FSPA	Egypt	500	1895	135-217	930-1495	2950	6	4	1	FM Approved
EGY-64 FSPA	Egypt	750	2840	125-211	860-1455	2950	6	4	1	FM Approved
EGY-43 FSPA	Egypt	250	945	81-132	560-910	2800	4	3	1	FM Approved
EGY-43 FSPA	Egypt	250	945	134-158	925-1090	3560	4	3	1	FM Approved
EGY-43 FSPA	Egypt	300	1135	79-130	545-895	2800	4	3	1	FM Approved
EGY-43 FSPA	Egypt	300	1135	131-155	905-1070	3560	4	3	1	FM Approved
EGY-54 FSPA	Egypt	400	1515	75-119	515-820	2800	5	4	1	FM Approved
EGY-54 FSPA	Egypt	400	1515	123	850	3650	5	4	1	FM Approved
EGY-64 FSPA	Egypt	400	1515	123-197	850-1360	2800	6	4	1	FM Approved
EGY-43 FSPA	Egypt	400	1515	124-150	855-1035	3560	4	3	1	FM Approved
EGY-43 FSPA	Egypt	400	1515	125	860	2800	4	3	1	FM Approved
EGY-64 FSPA	Egypt	400	1515	197-221	1360-1525	3560	6	4	1	FM Approved
EGY-54 FSPA	Egypt	450	1705	74-119	510-820	2800	5	4	1	FM Approved
EGY-43 FSPA	Egypt	450	1705	120-145	825-1000	3560	4	3	1	FM Approved
EGY-64 FSPA	Egypt	450	1705	122-197	840-1360	2800	6	4	1	FM Approved
EGY-54 FSPA	Egypt	450	1705	123	850	3650	5	4	1	FM Approved
EGY-64 FSPA	Egypt	450	1705	197-221	1360-1525	3560	6	4	1	FM Approved
EGY-54 FSPA	Egypt	500	1895	74-118	510-815	2800	5	4	1	FM Approved
EGY-64 FSPA	Egypt	500	1895	122-197	840-1360	2800	6	4	1	FM Approved
EGY-54 FSPA	Egypt	500	1895	123	850	3650	5	4	1	FM Approved
EGY-64 FSPA	Egypt	500	1895	197-221	1360-1525	3560	6	4	1	FM Approved
EGY-54 FSPA	Egypt	750	2840	68-110	470-760	2800	5	4	1	FM Approved
EGY-64 FSPA	Egypt	750	2840	192	1325	2800	6	4	1	FM Approved



**International Security & Safety Systems Co (ISS)
49 Abbass El Akkad St, Nasr City, Cairo, Egypt**

☑Fire Pump Installation Systems ☑Fire Pumps ☑Centrifugal Fire Pumps, Horizontal Split-Case Type ☑Horizontal Mounted

Product	Listing Country	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min	Suction Inlet, dia., in.	Discharge Outlet, dia., in.	Stage(s)	Certification Type
EGY-54 CNPA	Egypt	500	1895	88-147	605-1015	2950	5	4	1	FM Approved
EGY-54 CNPA	Egypt	750	2840	78-137	540-945	2950	5	4	1	FM Approved
EGY-65 CNPA	Egypt	750	2840	105-153	725-1055	2950	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1000	3785	100-151	690-1040	2950	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1250	4730	87-134	600-925	2950	6	5	1	FM Approved
EGY-54 CNPA	Egypt	400	1515	79-116	545-800	2800	5	4	1	FM Approved
EGY-54 CNPA	Egypt	400	1515	131-152	905-1050	3650	5	4	1	FM Approved
EGY-54 CNPA	Egypt	450	1705	77-115	530-795	2800	5	4	1	FM Approved
EGY-54 CNPA	Egypt	450	1705	129-151	890-1040	3650	5	4	1	FM Approved
EGY-54 CNPA	Egypt	500	1895	76-113	525-780	2800	5	4	1	FM Approved
EGY-54 CNPA	Egypt	500	1895	128-150	885-1035	3650	5	4	1	FM Approved
EGY-65 CNPA	Egypt	750	2840	94-136	650-940	2800	6	5	1	FM Approved
EGY-54 CNPA	Egypt	750	2840	102	705	2800	5	4	1	FM Approved
EGY-54 CNPA	Egypt	750	2840	115-139	795-960	3650	5	4	1	FM Approved
EGY-65 CNPA	Egypt	750	2840	149-166	1025-1145	3560	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1000	3785	88-134	605-925	2800	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1000	3785	146-165	1005-1140	3560	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1250	4730	83-130	570-895	2800	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1250	4730	141-160	970-1105	3560	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1500	5680	125	860	2800	6	5	1	FM Approved
EGY-65 CNPA	Egypt	1500	5680	152	1050	3560	6	5	1	FM Approved

UL Product iQ™



QXJY.EX28022 - CENTRIFUGAL FIRE PUMPS, SPLIT CASE

Centrifugal Fire Pumps, Split Case

See General Information for Centrifugal Fire Pumps, Split Case

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E

EX28022

49 ABBASS EL AKKAD ST
NASR CITY, CAIRO EGYPT
Fire pumps, single-stage

Rated Capacity GPM	Size in.	Model Dsg	Rated Net Pressure Range psi	Approx Speed RPM	Max Working Pressure psi
150	4x3	EGY-HSL 3x4x10 A	125-223	3550	250
150	4x3	EGY-HSL 3x4x10 A	90-161	3000	250
150	4x3	EGY-HSL 3x4x10 A	80-140	2800	250
200	4x3	EGY-HSL 3x4x10 A	125-222	3550	250
200	4x3	EGY-HSL 3x4x10 A	90-159	3000	250
200	4x3	EGY-HSL 3x4x10 A	78-138	2800	250
200	4x3	EGY-HSL 3x4x10 A	66-122	2600	250
200	4x3	EGY-HSL 3x4x10 A	53-99	2350	250
200	4x3	EGY-HSL 3x4x10 A	41-77	2100	250
250	4x3	EGY-HSL 3x4x10 A	125-221	3550	250
250	4x3	EGY-HSL 3x4x10 A	88-157	3000	250
250	4x3	EGY-HSL 3x4x10 A	75-136	2800	250
250	4x3	EGY-HSL 3x4x10 A	65-119	2600	250
250	4x3	EGY-HSL 3x4x10 A	52-98	2350	250
250	4x3	EGY-HSL 3x4x10 A	55-75	2100	250
300	4x3	EGY-HSL 3x4x10 A	123-221	3550	250
300	4x3	EGY-HSL 3x4x10 A	86-155	3000	250
300	4x3	EGY-HSL 3x4x10 A	73-134	2800	250

8/3/2019

CENTRIFUGAL FIRE PUMPS, SPLIT CASE | UL Product iQ

1000	8x5	EGY-ZW 8x5x14 F	115-191	2600	465
1000	8x5	EGY-ZW 8x5x14 F	137-220	2800	465
1000	8x5	EGY-ZW 8x5x14 F	154-248	2960	465
1000	8x5	EGY-ZW 8x5x14 F	158-255	3000	465
1000	10x6	EGY-ZW 10x6x12 F	46-64	1750	440
1000	10x6	EGY-ZW 10x6x12 F	82-112	2300	440
1000	10x6	EGY-ZW 10x6x12 F	85-117	2350	440
1250	10x6	EGY-ZW 10x6x12 F	42-63	1750	440
1250	10x6	EGY-ZW 10x6x12 F	80-111	2300	440
1250	10x6	EGY-ZW 10x6x12 F	83-116	2350	440
1250	10x6	EGY-ZW 10x6x12 F	106-147	2600	290
1250	8x6	EGY-ZW 8x6x12F	81-116	2350	465
1250	8x6	EGY-ZW 8x6x12F	101-141	2600	465
1250	8x6	EGY-ZW 8x6x12F	125-175	2900	465
1250	8x6	EGY-ZW 8x6x12F	116-163	2800	465
1250	8x6	EGY-ZW 8x6x12F	130-183	2960	465
1250	8x6	EGY-ZW 8x6x12F	134-188	3000	465
1250	8x5	EGY-ZW 8x5x14 F	127-214	2800	465
1250	8x5	EGY-ZW 8x5x14 F	145-241	2960	465
1250	8x5	EGY-ZW 8x5x14 F	149-248	3000	465
1250	8x5	EGY-ZW 8x5x14 F	219-355	3550	465
1500	8x5	EGY-ZW 8x5x14 F	206-346	3550	465
1500	8x6	EGY-ZW 8x6x12F	99-137	2600	465
1500	8x6	EGY-ZW 8x6x12F	123-172	2900	465
1500	8x6	EGY-ZW 8x6x12F	114-159	2800	465
1500	8x6	EGY-ZW 8x6x12F	129-179	2960	465
1500	8x6	EGY-ZW 8x6x12F	132-184	3000	465
1500	10x6	EGY-ZW 10x6x12 F	40-59	1750	440
1500	10x6	EGY-ZW 10x6x12 F	76-108	2300	440
1500	10x6	EGY-ZW 10x6x12 F	80-113	2350	440
1500	10x6	EGY-ZW 10x6x12 F	104-144	2600	290

<https://iq.ulprospector.com/en/profile?e=251670>

3/5

GKWT.EX28057 – PUMPS, FOAM CONCENTRATE

Pumps, Foam Concentrate

See General Information for Pumps, Foam Concentrate

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E
 49 ABBASS EL AKKAD ST
 NASR CITY, CAIRO EGYPT

EX28057

Model	Capacity Range, gpm (lpm)	Size, in.	Speed Range, rpm	Pressure Range, psi (Mpa)	Max Working Pressure, psi (Mpa)
EGY-FP1-30	24-36 (91-136)	1 x 1	1500	100-261 (0.69-1.80)	338 (2.33)
EGY-FP1.5-50	40-56 (152-212)	1 1/2 x 1 1/2	1500	100-261 (0.69-1.80)	342 (2.36)
EGY-FP1.5-75	65-90 (246-341)	1 1/2 x 1 1/2	1500	100-261 (0.69-1.81)	342 (2.36)
EGY-FP2-100	88-119 (334-451)	2 x 2	1500	100-261 (0.69-1.80)	306 (2.11)
EGY-FP2-150	107-140 (406-531)	2 x 2	1500	100-261 (0.69-1.80)	306 (2.11)
EGY-FP2-175	135-180 (512-682)	3 x 3	1500	100-261 (0.69-1.80)	306 (2.11)
EGY-FP3-200	158-205 (599-777)	3 x 3	1500	100-261 (0.69-1.80)	334 (2.30)
EGY-FP3-225	180-240 (682-910)	3 x 3	1500	100-261 (0.69-1.80)	334 (2.30)
EGY-FP4-250	185-245 (701-925)	4 x 4	1500	100-261 (0.69-1.81)	302 (2.09)
EGY-FP4-350	280-335 (1061-1270)	4 x 4	1500	100-232 (0.70-1.60)	302 (2.09)

The maximum viscosity of foam concentrate intended for use with pump model EGY-FP1-15 is 5.28 cps. The maximum viscosity of foam concentrate intended for use with all other pumps is 2250 cps.

Last Updated on 2019-04-23



Certificate of Compliance

This certificate is issued for the following:

Positive Displacement Rotary Gear Pumps

Models: EGY-FP1-15, EGY-FP1-30, EGY-FP1.5-50, EGY-FP1.5-75, EGY-FP2-125, EGY-FP2-150, EGY-FP2-175, EGY-FP3-200, EGY-FP3-225, EGY-FP4-250, & EGY-FP4-350

For Use with Water and Fire Protection Foam Concentrate

Prepared for:

International Security & Safety Systems Co.
49 Abbas El-Akkad St.
Nasr City, Cairo 4058
Egypt

FM Approvals Class: 1313

Approval Identification: PR455820

Approval Granted: October 16, 2020

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D. B. Fuller', is written over a horizontal line.

David Fuller
VP, Approvals Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Member of the FM Global Group



GFGV.EX6202 - FOAM LIQUID CONCENTRATES

Foam Liquid Concentrates

See General Information for Foam Liquid Concentrates

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E

EX6202

AL OBOUR INDUSTRIAL CITY

ZONE A (BLK 13040)

CAIRO, EGYPT

ISS 3 percent AFFF EGY-C301MS, nominal 3 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

ISS 3 percent AFFF EGY-C303, nominal 3 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

ISS 6 percent AFFF EGY-C603, nominal 6 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

ISS 3 percent-6 percent AR-AFFF EGY-C361, nominal 3 or 6 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 6 percent.

ISS 3 percent AR-AFFF EGY-CUG, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent except as specifically indicated at 1 percent. Polar solvent fuels at 3 percent.

ISS 3% AR-AFFF EGY-C333, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

3% Fluoroprotein, EGY-CP2305, nominal 3 percent, +20 F minimum storage and use temperature. Hydrocarbon fuels only.

6% Fluoroprotein, EGY-CP2605, nominal 6 percent, +20F minimum storage and use temperature. Hydrocarbon fuels only.

6% Fluoroprotein, EGY-CP2605, nominal 6 percent, +20F minimum storage and use temperature. Hydrocarbon fuels only.

3% AFFF EGY-C3B, nominal 3 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only

6% AFFF EGY-C6B, nominal 6 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

3%x6% AR-AFFF EGY-C364, nominal 3 or 6 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels at 3 percent except as specifically indicated at 1 and 2 percent. Polar solvent fuels at 6 percent.

3%x3% AR-AFFF EGY-C334-LV, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbons and polar solvent fuels at 3 percent.

3% Fluoroprotein EGY-CFP3B, nominal 3 percent, +20 F minimum storage and use temperature. Hydrocarbon fuels only.

6% Fluoroprotein EGY-CFP6B, nominal 3 percent, +20 F minimum storage and use temperature. Hydrocarbon fuels only.

Foam concentrates for use with the following equipment:

ISS 3 PERCENT AFFF EGY-C301MS, 3 PERCENT

PROPORTIONERS-PORTABLE IN-LINE INDUCTORS

Viking Corp., Model FE-90, 1-1/2 in. size, set at 3, 50 ft (15.2 m) of 1-1/2 in. (38.1 mm) hose between the inductor and National Foam Inc., Model JS-10 nozzle.

PROPORTIONERS-BLADDER TANKS WITH CONTROLLERS

Chemguard bladder tanks with the following controllers:

Description	Controller Size In.	Orifice Size In.	Flow GPM
-------------	---------------------	------------------	----------

10/13/2020

GHXV.EX27357 - Proportioners, Foam Concentrate | UL Product iQ

UL Product iQ™



GHXV.EX27357 - Proportioners, Foam Concentrate

Proportioners, Foam Concentrate

[See General Information for Proportioners, Foam Concentrate](#)

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E

EX27357

AL OBOUR INDUSTRIAL CITY
ZONE A (BLK 13040)
CAIRO, EGYPT

BLADDER TANK INVESTIGATED TO UL 162

Model EGY-CVBT, 25-3000 gallon capacity ASME and CE bladder tanks for Vertical Installation and Model EGY-CHBT, 100 to 4000 gallon capacity ASME and CE bladder tanks for horizontal installation.

Refer to the individual foam concentrate Listings for operating limitations with specific combinations of foam concentrates and proportioning equipment.

[Last Updated on 2019-02-17](#)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC"

<https://iq.ulprospector.com/en/profile?e=233314>

1/1

EEEV.MH60730 - Aboveground Flammable-liquid Tanks

Aboveground Flammable-liquid Tanks

[See General Information for Aboveground Flammable-liquid Tanks](#)

INTERNATIONAL SECURITY & SAFETY SYSTEMS CO-S A E

MH60730

AL OBOUR INDUSTRIAL CITY

ZONE A (BLK 13040)

CAIRO, EGYPT

Aboveground tanks for flammable liquids

Aboveground tanks for flammable liquids on supports

Secondary containment aboveground tanks for flammable liquids

Secondary containment aboveground tanks for flammable liquids on supports

[Last Updated](#) on 2018-01-25

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2022 UL LLC."

UL Product IQ™



GMJJ2.EX28635 - Storage Containers for Extinguishing System Units - Component

Storage Containers for Extinguishing System Units - Component

Auto Firex LLP

Gram Dungsil Malla
Patti Pandey Gaon
Bhimtal
Nainital, Uttarakhand 263136 India

EX28635

Type	Max Volume, Cu. Ft. (ltrs)	Cylinder Diameter, Inch. (mm)
Aluminium Seamless Alloy Cylinder, 135Bar ISO 7866:2012+ COR 1:2014(UN Cyl)	0.05 (1.)	3.54 (90)
Aluminium Seamless Alloy Cylinder, 190Bar ISO 7866:2012+ COR 1:2014(UN Cyl)	0.08 (2.2)	4.37 (111)
Aluminium Seamless Alloy Cylinder, 190Bar ISO 7866:2012+ COR 1:2014(UN Cyl)	0.16 (4.5)	4.37 (111)
Aluminium Seamless Alloy Cylinder, 190Bar ISO 7866:2012+ COR 1:2014(UN Cyl)	0.28 (7.8)	5.98 (152)
Aluminium Seamless Alloy Cylinder, 190Bar ISO 7866:2012+ COR 1:2014(UN Cyl)	0.38 (10.7)	5.98 (152)

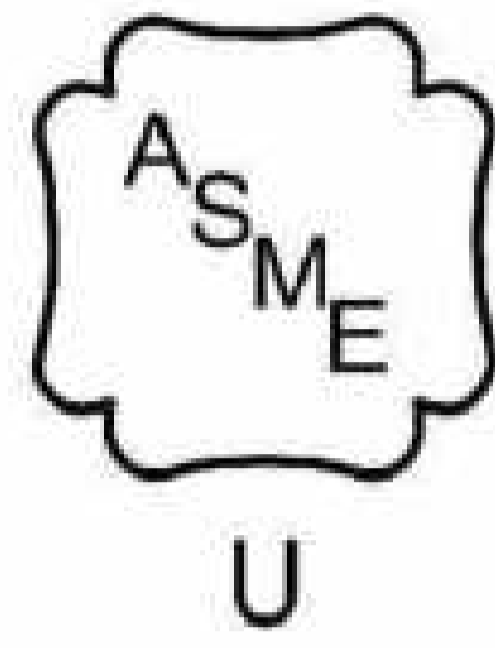
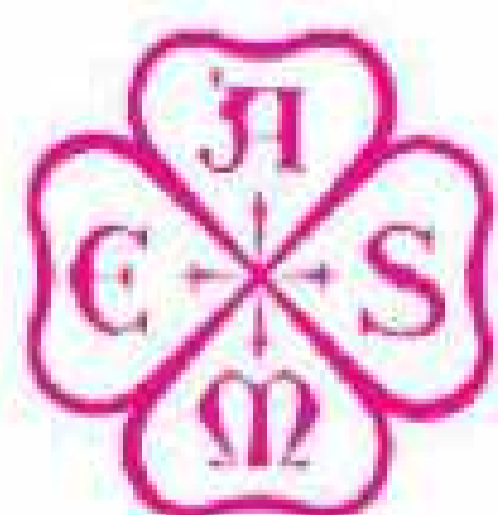
Marking: Company name or identification, type designation and the Recognized Component Mark 

Tradename and or Trademark:   الشركة الدولية لأنظمة الأمان والسلامة
Int. Security & Safety Systems Co.

Last Updated on 2022-01-07

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"



CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

International Security & Safety Systems Co.
1 of 4 Al Obour Industrial Area No. 1, B/G Block 22009
Cairo
Egypt

SCOPE:

Manufacture of pressure vessels at the above location only

AUTHORIZED: **May 25, 2022**

EXPIRES: **May 25, 2025**

CERTIFICATE NUMBER: **52519**

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services

Declaration of Compliance

This declaration of compliance is hereby issued to the below named company.

Applicable Directive(s):
2006/42/EC- Machinery Directive,
2014/35/EU- Low Voltage (LVD).

In accordance with the following applicable standards:
EN 19353:2019, EN 1028-2:2002+A1:2008,
EN 1846-2:2009+A1:2013, EN 14044:2014
EN 14466:2005+A1:2008, EN 14710-2:2005+A2:2008
EN 50267-2-3:1998, EN 60332-3-25:2018.

General Information

Applicant — ISS CO SAE,
International Security & Safety Systems,
49-Abbass El Akkad Street Nasr-City- Cairo-Egypt.

Manufacturer — Same as Above

Product Name — AQUA Fire Pumps / Controllers

Product Description — AQUA Range of Fire Pumps,
Horizontal Split Case and End Suction Fire Pumps
Packages (Electric, Diesel and Jockey Pumps)
Ranges from (100-5000 gpm) using ICON Touch
Screen, LEGACY + Controllers or LEGACY Standard
Controllers. Specifications as per EN Standards or
NFPA20 code. Special Controllers for
(Submersible/Booster/Gear- Positive Displacement
Foam Concentrate/Dosing) Pumps and Systems.

Certificate Number : EG682554

This certificate is valid from 8-Apr-2022 until 7-Apr-2023

This Certificate is issued under following conditions:

The product is declared by the applicant as complying with the applicable directives. UR has performed a review of the technical information of the product. The applicant is required to inform UR of any changes to its product design and technical documentation. The CE mark may be used by the applicant, for this product, under the sole responsibility of the applicant.

Certification Manager

UNIVERSAL REGISTRARS

www.universalregistrars.com

Level 18, 40 Bank Street,
Canary Wharf, London E14 5NR, UK,
Email ID: info@universalregistrars.com

This certificate can be verified at the above URL.
The certificate remains the property of Universal Registrars, to whom it
must be returned on request. Lack of fulfillment of certification terms
and conditions at all times, may render this certificate invalid.

The product hereby tests with the manufacturer in accordance with their submitted specifications and technical drawings,
including applicable standards. The CE mark does not attest to the reliability of any and does not indicate any liability.
Universal Registrars does not accept any liability arising out of this certificate.



Issued on 25-Mar-2021



CE Compliance

CE Compliance

Declaration of Compliance

This declaration of compliance is hereby issued to the below named company.

Applicable Directive(s):
2014/68/EU - Pressure Equipment Directive (PED)

In accordance with the following applicable standards:
EN 13445-2:2014+A3:2018, EN 13445-3:2014+A4:2018
EN 13445-4:2014+A1:2016, EN 13445-5:2014+A1:2018

General Information

Applicant — International Security & Safety System-Co.,
49, Abbas El Akkad Street,
P.O Box - 4058, Nasr City, Cairo, Egypt.

Manufacturer — Same as Above

Product Name — Bladder Tanks and Foam Systems Products

Product Description — EGY-CHBT/CVBT- Horizontal and Vertical Bladder
Tanks Sizes (25-4500) Gal, EGY-PP- Foam Pump
Skids Using Electric Motors, Diesel Driven Engines
and Water Turbine, all Foam Discharge Devices
Foam Chambers-Foam Purers-Monitors-
Sprinklers-Nozzles-Extinguishers etc), Mobile Foam
Units (Foam Carts and Special Foam Trailer) and
Nitrogen Powered Foam Systems For Hazard
areas such as (Helipads-Ware-Houses, Dike areas
etc.)

Certificate Number : EG682556

This certificate is valid from 8-Apr-2022 until 7-Apr-2023

This Certificate is issued under following conditions:

The product is declared by the applicant as complying with the applicable directives. UR has performed a review of the technical information of the product. The applicant is required to inform UR of any changes to its product design and technical documentation. The CE mark may be used by the applicant, for this product, under the sole responsibility of the applicant.

Certification Manager

UNIVERSAL REGISTRARS

www.universalregistrars.com

Level 18, 40 Bank Street,
Canary Wharf, London E14 5NR, UK,
Email ID: info@universalregistrars.com

This certificate can be verified at the above URL.
The certificate remains the property of Universal Registrars, to whom it
must be returned on request. Lack of fulfillment of certification terms
and conditions at all times, may render this certificate invalid.

The product hereby tests with the manufacturer in accordance with their submitted specifications and technical drawings,
including applicable standards. The CE mark does not attest to the reliability of any and does not indicate any liability.
Universal Registrars does not accept any liability arising out of this certificate.



Issued on 25-Mar-2021



CE Compliance

CE Compliance

Declaration of Compliance

This declaration of compliance is hereby issued to the below named company.

Applicable Directive(s):
2006/42/EC Machinery Directive,
2014/68/EU - Pressure Equipment Directive (PED).

In accordance with the following applicable standards:
EN 334:2005+A1:2009, EN 1866-3:2013, EN 676:2003+A2:2008,
EN 12542:2010, EN 1093-2:2006+A1:2008, EN 12753:2005+A1:2010.

General Information

Applicant — ISS CO SAE,
International Security & Safety Systems,
49-Abbass El Akkad Street Nasr City- Cairo-Egypt.

Manufacturer — Same as Above

Product Name — ISS/AutoFirex DLP/ILP Systems and ISS/CO2
Systems and ISS FM200/NOVEC Filling Station

Product Description — AutoFirex DLP/ILP Systems Complete with
(1/2/4/6/9 kg.) DLP UL-Listed Units with Fire
Detection Tube, Pressure Switch, Agents, Fittings
and FM200/NOVEC Filling Station
and CO2 Systems Complete with (EGY-CO2- 45 Kg
Cylinder), (EGY-SV- 24 Solenoid Valve),
(EGY-SVSlave Valve), (EGY-DV- Directional Valves),
(EGY-DH- Discharge Hose), (EGY-DSDischarge
Pressure Switch), (EGY-WD- Weight Device), CO2
(Local Application/Total Flooding) Nozzles.

Certificate Number : EG682555

This certificate is valid from 8-Apr-2022 until 7-Apr-2023

This Certificate is issued under following conditions:

The product is declared by the applicant as complying with the applicable directives. UR has performed a review of the technical information of the product. The applicant is required to inform UR of any changes to its product design and technical documentation. The CE mark may be used by the applicant, for this product, under the sole responsibility of the applicant.

Certification Manager

UNIVERSAL REGISTRARS

www.universalregistrars.com

Level 18, 40 Bank Street,
Canary Wharf, London E14 5NR, UK,
Email ID: info@universalregistrars.com

This certificate can be verified at the above URL.
The certificate remains the property of Universal Registrars, to whom it
must be returned on request. Lack of fulfillment of certification terms
and conditions at all times, may render this certificate invalid.

The product hereby tests with the manufacturer in accordance with their submitted specifications and technical drawings,
including applicable standards. The CE mark does not attest to the reliability of any and does not indicate any liability.
Universal Registrars does not accept any liability arising out of this certificate.



Issued on 25-Mar-2021



CE Compliance

CE Compliance



Products Sold to:

-  Saudi Arabia
-  Sudan
-  Libya
-  Djibouti
-  UAE
-  Qatar
-  Morocco
-  Tunisia
-  Greece
-  Indonesia
-  Romania

HEAD OFFICE :

49 Abbas El Akkad st. - Nasr City - Cairo - Egypt

Tel : +202 (24017430 - 22602808)

Fax : +202 (22627317)

FACTORY :

Al Obour Industrial Area Block 13040 - Zone A

Tel : +202 (46651240) Fax : +202 (46651241)

Web Site : www.issystems.com

E-mail : info@issystems.com