



ISS Fire Fighting Pumps

UL Listed, FM Approved, NFPA-20 Compliant

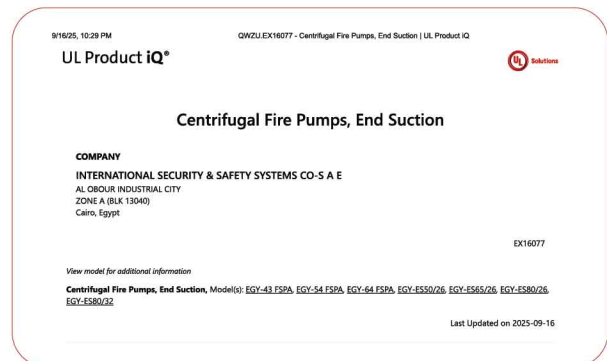
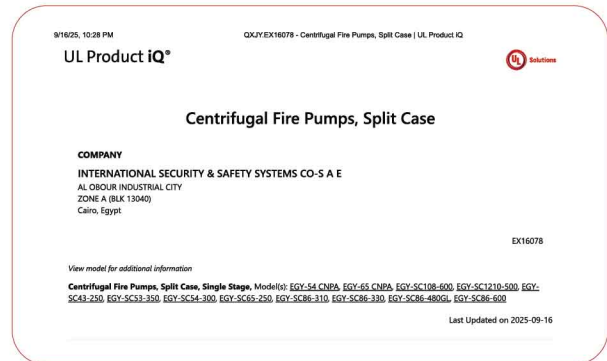
**Horizontal Split Case
Model EGY-SC
(300-5000 gpm)**

**End Suction
Model EGY-ES
(200-1000 gpm)**



Introduction

With years of extensive experience in the field of firefighting pump systems, ISS has completed its range introducing the EGY-SC and EGY-ES ranges of Horizontal Split Case and End Suction fire pumps with ranges up to 5,000 gpm. Matching the needs of high-hazard applications for the Oil & Gas, Petrochemical, Transportation, Strategic/Military, Chemical, Power and most Industrial verticals, the range provides a complete solution for almost any demand.

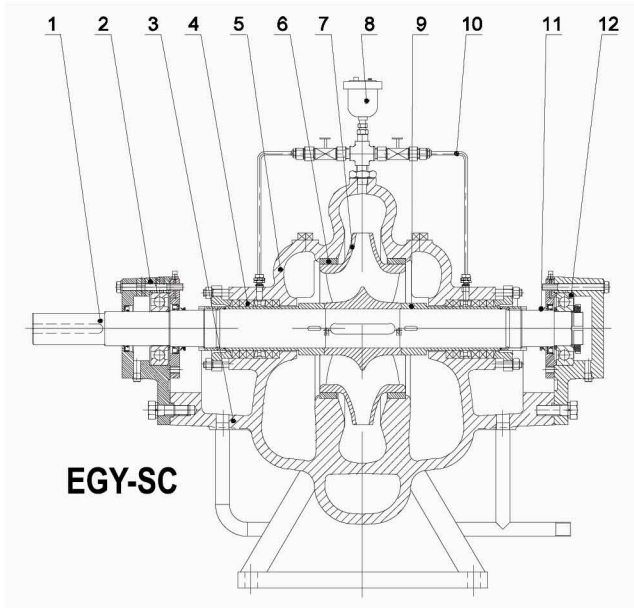


With the same level of attention to details and adherence to codes and standards, ISS has been awarded UL Listing and on the range for up to 5,000 gpm. The entire range is UL listed and comes complete with the same major components of electric motor, diesel engine, fire pump controllers and all the accessories that grant the entire package UL approval. While, FM Approval will be granted shortly. Tried and tested in some of the toughest of installation, applications and clients, the range provides a very flexible selection of flow and pressure with proven performance across the last decade in EGYPT.

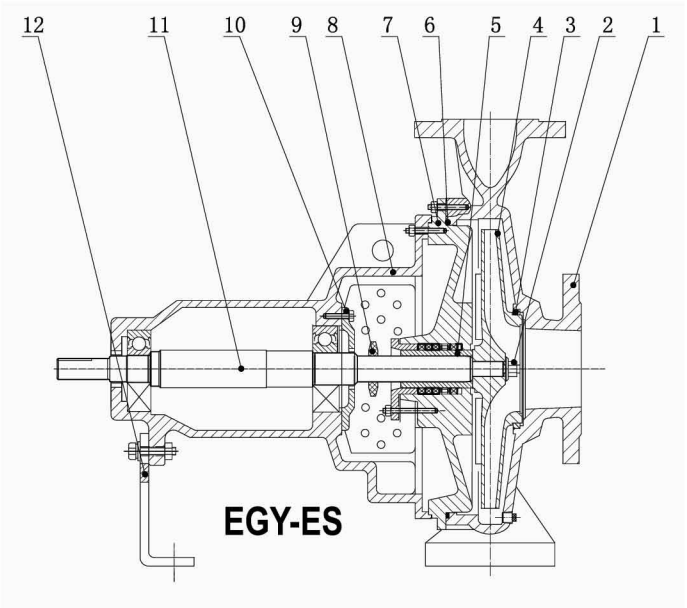


Fire Pumps

Horizontal Split Case



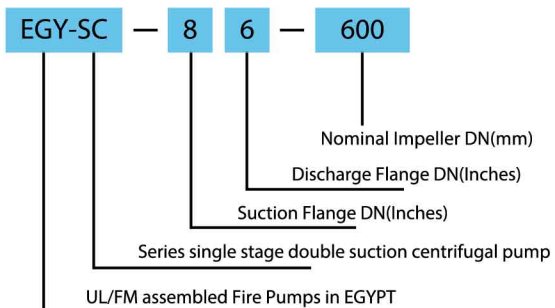
End Suction Case



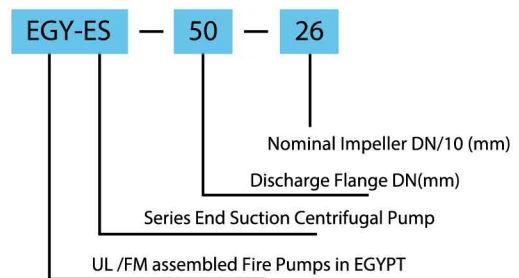
No.	Name	Material
1	Shaft	Stainless Steel/ Duplex Stainless Steel
2	Bearing Housing	Cast Iron
3	Casing	Ductile Cast Iron/ Duplex Stainless Steel
4	Packing Seal	Stainless Steel/ Bronze
5	Upper Casing	Ductile Cast Iron/ Duplex Stainless Steel
6	Casing Seal Ring	Bronze
7	Impeller	Stainless Steel/ Duplex Stainless Steel
8	Air Release Valve	Stainless Steel/ Cast Iron
9	Shaft Sleeve	Stainless Steel/ Duplex Stainless Steel
10	Flushing Pipe	Stainless Steel/ Duplex Stainless Steel
11	Water-Proof Ring	NBR
12	Bearing	SKF

No.	Name	Material
1	Casing	Ductile Cast Iron
2	Impeller Nut	Stainless Steel
3	Casing Wear Ring	Brass
4	Impeller	Bronze
5	Packing Sleeve	Stainless Steel
6	O-Ring	NBR
7	Casing Cover	Ductile Cast Iron
8	Bearing Housing	Cast Iron
9	Water-Proof Ring	NBR
10	Bearing Cover	Cast Iron
11	Shaft	Stainless Steel
12	Bearing Bracket	Carbon Steel

Model Code



Model Code



UL/FM Horizontal Split Case Fire Pumps Range

FLOW RATE	HEAD (UL&FM)				PUMP MODEL ISS	SPEED	MAX SHAFT POWER	MOTOR DRIVER (UL)	DIESEL ENGINE DRIVER (UL/FM)						
	psi		KPA						rpm	hp	hp	NM FIRE	hp	Clarke	
	Min	max	Min	max										hp	hp
500 GPM	78	100	538	689	EGY-SC 43-250	2980	44	40	NM4-90B	61	KA4H-UFKA24		45		
	107		738				48	50			JU4H-UF04		60		
	114	121	786	834			55	60			JU4H-UF24		83		
	128		883				59	75			JU4H-UF34		115		
	135	143	931	986			67	100			JU4H-UF54		145		
	121	135	834	931			80	125			JU4H-UF34		115		
	142	156	980	1078	92	100	JU4H-UF54		145						
	163	200	1127	1379	120	125	JU4H-UF34		115						
	185	188	1276	1296	111	100	JU4H-UF54		145						
	195	1344			117	125	JU6H-UF34		175						
	202	219	1393	1510	142	150	JU6H-UF54		216						
	226		1558		150	200	JU6H-UF74		253						
	233	240	1606	1655	166	250	JU6H-UF84		275						
	248		1710		174	335	JU4H-UF24		83						
	255	275	1758	1896	213	75	JU4H-UF34		115						
	280		1931		225	100	JU4H-UF54		145						
	286		1972		239	125	JU4H-UF34		115						
	293	297	2020	2048	260	150	JU4H-UF54		145						
750 GPM	108		745		EGY-SC 54-300	2980	75	75	NM4-102C	75	JU4H-UF24		83		
	128		882				86	100			JU4H-UF34		115		
	135	142	931	980			94	125			JU4H-UF54		145		
	149	177	1029	1220			120	100			JU4H-UF34		115		
	162	171	1117	1179			111	125			JU4H-UF54		145		
	178		1227				117	150			JU6H-UF34		175		
	185	206	1276	1420	142	200	JU6H-UF54		216						
	213		1469		150	239	JU6H-UF74		253						
	221	228	1524	1572	166	335	JU6H-UF84		275						
	235		1620		174	75	JU4H-UF24		83						
	242	263	1669	1813	213	100	JU4H-UF34		115						
	270		1862		225	125	JU4H-UF54		145						
	277		1910		239	150	JU6H-UF34		175						
	285		1965		255	200	JU6H-UF54		216						
	102		703		255	250	JU6H-UF74		253						
	107		114	735	784	285	335	JU6H-UF84		275					
	1000 GPM	121	128	833	882	EGY-SC 65-250	2980	85	75	NM4-102B	95	JU4H-UF34		115	
		135	142	931	980			94	100			JU4H-UF54		145	
152		1048		110	125			JU6H-UF34				175			
121		125	834	862	130			150	JU6H-UF54			216			
130		896			144			200	JU6H-UF74			253			
135		150	931	1034	140			250	JU6H-UF84			275			
155		1069		145	300	JU6H-UF94		300							
160		165	1103	1138	167	350	JU4H-UF24		83						
170		180	1172	1241	173	75	JU4H-UF34		115						
185		190	1276	1310	187	100	JU4H-UF54		145						
195		1344		210	125	JU4H-UF34		115							
200		205	1379	1413	217	150	JU6H-UF34		175						
210		1448		173	200	JU6H-UF54		216							
237		1634		187	239	JU6H-UF74		253							
116		120	800	827	228	335	JU6H-UF84		275						
130		149	896	1027	235	350	JU6H-UF94		300						
1250 GPM		156		1076		EGY-SC 86-310	2980	140	125	NM6-110B	148	JU4H-UF54		145	
		163	178	1124	1227			172	150			JU6H-UF34		175	
	185		1276		182			200	JU6H-UF54			216			
	192	199	1324	1372	216			239	JU6H-UF74			253			
	206	213	1420	1469	230			335	JU6H-UF84			275			
	220		1519		249			350	JU6H-UF94			300			
	227	233	1568	1606	269	75	JU4H-UF24		83						
	113		779		278	100	JU4H-UF34		115						
	120		827		298	125	JU4H-UF54		145						
	125		862		298	150	JU6H-UF34		175						
	130	135	896	931	171	200	JU6H-UF54		216						
	140		965		178	250	JU6H-UF74		253						
	145	1000			191	300	JU6H-UF84		275						
	150		1034		217	350	JU6H-UF94		300						
	155	165	1069	1138	221	75	JU4H-UF24		83						
	170		1172		232	100	JU4H-UF34		115						
	175	180	1207	1241	241	125	JU4H-UF54		145						
	185	193	1276	1331	241	150	JU6H-UF34		175						
1500 GPM	108	121	745	834	EGY-SC 86-310	2980	145	150	NM6-110B	148	JU4H-UF54		145		
	122	128	843	882			153	200			JU6H-UF34		175		
	135		931				165	239			JU6H-UF54		216		
	142		980				176	335			JU6H-UF74		253		
	149	163	1029	1127			208	75			JU4H-UF24		83		
	171	178	1176	1225			229	100			JU4H-UF34		115		
	185	192	1274	1323	251	125	JU4H-UF54		145						
	199		1372		261	150	JU6H-UF34		175						
	206		1421		271	200	JU6H-UF54		216						
	213	220	1470	1517	291	250	JU6H-UF74		253						
	226		1558		303	300	JU6H-UF84		275						
	112		772		175	350	JU6H-UF94		300						
	120		827		178	75	JU4H-UF24		83						
	125		862		191	100	JU4H-UF34		115						
	130	135	896	931	217	125	JU4H-UF54		145						
	140		965		221	150	JU6H-UF34		175						
	145	1000			232	200	JU6H-UF54		216						
	150		1034		241	250	JU6H-UF74		253						
155	165	1069	1138	241	300	JU6H-UF84		275							
170		1172		274	350	JU6H-UF94		300							
175	180	1207	1241	292	75	JU4H-UF24		83							
185	192	1276	1324	335	100	JU4H-UF34		115							

UL/FM Horizontal Split Case Fire Pumps Range

2000 GPM	107	738		EGY-SC 86-330	2950	173	200	NM6-110E	192	JU6H-UF34	175																																																																																																																																																																																																																																																																																																																																											
	115	793				188		250	NM6-110D	239	JU6H-UF54	216																																																																																																																																																																																																																																																																																																																																										
	121	128	834			883			213	300	335	JU6H-UF74	253																																																																																																																																																																																																																																																																																																																																									
	135	931				226			JU6H-UF84			275																																																																																																																																																																																																																																																																																																																																										
	142	979				239			JU6H-UF94			300																																																																																																																																																																																																																																																																																																																																										
	149	157	1027			1082			269																																																																																																																																																																																																																																																																																																																																													
	164	1131				284																																																																																																																																																																																																																																																																																																																																																
	171	1179				299																																																																																																																																																																																																																																																																																																																																																
	177	185	1220			1276			331																																																																																																																																																																																																																																																																																																																																													
	189	1303				342																																																																																																																																																																																																																																																																																																																																																
	103	710			174	200	NM6-105B		188			JU6H-UFKAPG	220																																																																																																																																																																																																																																																																																																																																									
	105	110	724	758	184		NM6-114C	194																																																																																																																																																																																																																																																																																																																																														
	115	793			192		250	244	340	DP6H-UFKAx8	240																																																																																																																																																																																																																																																																																																																																											
	120	130	827	896	219					DQ6H-UFKA98	300																																																																																																																																																																																																																																																																																																																																											
	135	140	931	965	240					350	436	375	DR8H-UFKA40	385																																																																																																																																																																																																																																																																																																																																								
	145	155	1000	1069	273								300	396	340	DP6H-UFKA88	289																																																																																																																																																																																																																																																																																																																																					
	160	1103			291											DQ6H-UFKA60	344																																																																																																																																																																																																																																																																																																																																					
	165	175	1138	1207	337											DQ6H-UFKA88	375																																																																																																																																																																																																																																																																																																																																					
	180	186	1241	1282	373											DQ6H-UFKA98	410																																																																																																																																																																																																																																																																																																																																					
	122	126	841	869	229																																																																																																																																																																																																																																																																																																																																																	
128	130	883	896	240																																																																																																																																																																																																																																																																																																																																																		
167	170	1151	1172	342																																																																																																																																																																																																																																																																																																																																																		
175	1207			354																																																																																																																																																																																																																																																																																																																																																		
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185	188	185	1296	395																																																																																																																																																																																																																																																																																																																																																		
2500 GPM	129	889		EGY-SC 86-600	1480	250	250	340	436	280	375	396	340	385	252	265	289	344	375	410	385	450	587	587	650	800	875																																																																																																																																																																																																																																																																																																																											
	130	145	896			1000																						282	300	350	400	500	597	744	878	340	450	521	500	543	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																																																																																																																																																																																																																																																																																						
	150	1034				294																						350																																					400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																																																																																																																																																																																																																																																		
	155	165	1069			1138																																																																																															336	300	350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																																																																																																																																																																																																											
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	130	896				262																																																																																															350																																																																																																																		400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																																																																																												
	135	931				280																																																																																																																																																																																																																																																					300	350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																																																						
	140	160	965			1103																																																																																																																																																																																																																																																																																											335	350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																
	165	1138				345																																																																																																																																																																																																																																																																																											300																																						350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450
170	175	1172	1207	375	350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744																																																																																																																																																																																																																																																																																																																											
181	1248			395																									300	350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800																																																																																																																																																																																																																																																																																						
114	125	786	862	338																								300																																					350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875																																																																																																																																																																																																																																																		
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145	155	1000	1069	386																																																																																																																																							300	350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																																																																																																																																																																						
189	1303			434																																																																																																																																																																													350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																																																																																																																																	
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190	195	1310	1344	584																																																																																																																																																																																																																																																																																												300		350	400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469	597	744	867	436	597	744	878	422	450	469	597	744	1010	520	542	587	650	800	875	925																
200	220	1379	1517	630																																																																																																																																																																																																																																																																																													350																																						400	500	597	744	878	469	597	744	867	436	597	744	878	422	450	469

UL/FM End Suction Fire Pumps Range

FLOW RATE	HEAD (UL&FM)				PUMP MODEL ISS	SPEED rpm	MAX SHAFT POWER hp	MOTOR DRIVER (UL) hp	DIESEL ENGINE DRIVER (UL/FM)					
	psi		KPA						NM FIRE	hp	Clarke	hp		
	Min	max	Min	max										
200 GPM	107	110	738	758	EGY-ES 50/26	2980	32	30	NM4-90C	39	KA4H-UFKA24	45		
	115	135	793	931			42	40		NM4-90B			61	
	121	144	834	993	EGY-ES 65/26		47	50	JU4H-UF04		60			
250 GPM	102	105	703	724	EGY-ES 50/26	2980	32	30	NM4-90C	39	KA4H-UFKA24	45		
	110	140	758	965			48	50		NM4-90B			61	JU4H-UF04
	140	147	965	1014	EGY-ES 65/26		83	75	NM4-102B	95	JU4H-UF24	83		
300 GPM	121		834		EGY-ES 65/26	2980	67	60	NM4-102C	75	JU4H-UF14	71		
	124		855				69							
	131	144	903	993			84						75	NM4-102B
400 GPM	117		807		EGY-ES 65/26	2980	66	60	NM4-102C	75	JU4H-UF14	71		
	121		834				69							
	127	142	876	979			86						75	NM4-102B
450 GPM	114		786		EGY-ES 65/26	2980	66	60	NM4-102C	75	JU4H-UF14	71		
	117		807				69							
	124	140	855	965			87						75	NM4-102B
500 GPM	110		758		EGY-ES 65/26	2980	65	60	NM4-102C	75	JU4H-UF14	71		
	114		786				69							
	121	138	834	951			89						75	NM4-102B
	122	144	841	993	EGY-ES 80/26		118	125	NM6-110B	148	JU4H-UF54	145		
750 GPM	111		765		EGY-ES 80/26	2980	86	75	NM4-102B	95	JU4H-UF34	115		
	115		793				90							
	120	134	827	924			114						100	NM4-108B
	148		1020		EGY-ES 80/32		143	125	NM6-110B	148	JU6H-UF54	215		
	197		1358				209	200	NM6-110D	239				
1000 GPM	132		910		EGY-ES 80/32	2980	143	125	NM6-110B	148	JU4H-UF54	145		
	140	155	965	1069			170	150	NM6-110E	192	JU6H-UF34	175		
	160		1103				176	200			NM6-110D	268/239	JU6H-UF54	216
	165	180	1138	1241			204							
	185		1276				211		NM6-108E	335				
	186	1276	1282											

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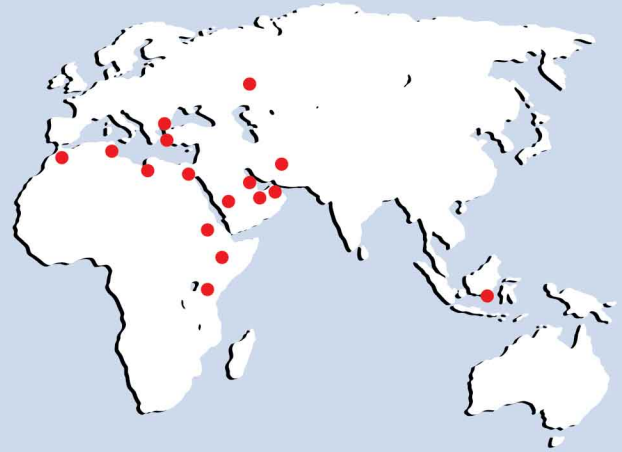


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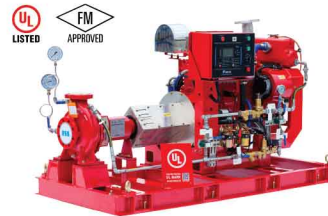
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