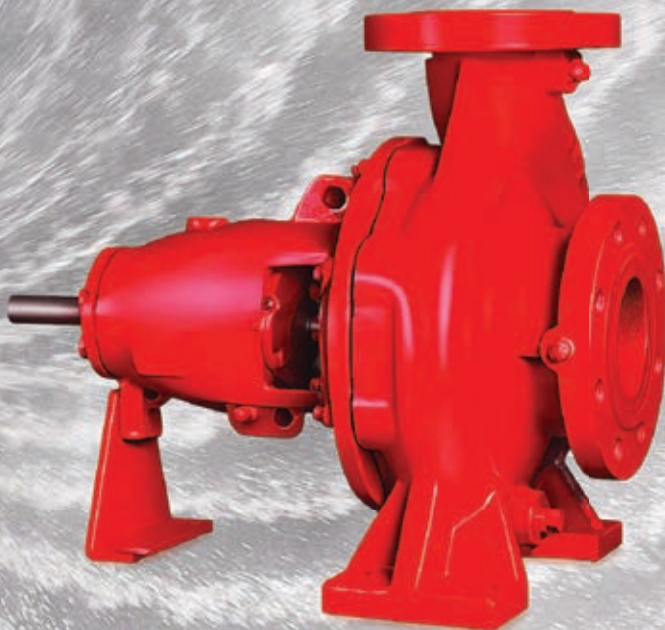




شركة المصنع السعودي لأجهزة الإطفاء
SAUDI FACTORY FOR FIRE EQUIPMENT Co.

Empowering
a Safer Future for
the Kingdom



End Suction Fire Pumps

- ❖ for Foam Systems
- ❖ for Deluge System
- ❖ for Hydrant Systems
- ❖ for Sprinkler Systems
- ❖ for Hose Reel / Rack Systems

Quality Approvals for Various Products and Services

VER: 00-12/25

The Global Standard in Fire Safety

Since 1983, SFFECO has been the trusted name and a recognized global leader in manufacturing top-tier fire-fighting equipment. We don't just offer products; we provide total fire safety solutions like fire doors, fire cabinets, fire pumps, fire extinguishing systems, etc. Our commitment to excellence is certified by multiple international standards, including ISO 9001 (Quality), ISO 14001 (Environmental), and ISO 45001 (Health & Safety). With state-of-the-art facilities in Riyadh and Dubai, we ensure every product meets rigorous international quality standards.

One-Stop-Shop for Fire Protection

SFFECO is your single source for everything in fire protection and fire-fighting. Represented in over 100 countries through a vast network of dealers, our innovative approach and comprehensive, end-to-end product range deliver the full spectrum of solutions you need. We're dedicated to keeping you safe and updated, constantly integrating the latest fire-fighting technology into our knowledge and services. Choose SFFECO and get certified quality, global reach, and pioneering innovation—all in one place.



Quality Services

SFFECO is deeply committed to ensuring superior performance and accuracy in every product it delivers. This dedication is maintained through continuous, close collaboration with a wide array of stakeholders, including key certification bodies, government regulatory agencies, industry partners, and leading technology associations. This concerted effort focuses on the development and delivery of truly innovative and high-quality fire-fighting solutions. The commitment to excellence is rigorously upheld through extensive product testing and evaluation, alongside a strict, ongoing process for continued product quality compliance, guaranteeing that SFFECO's equipment operates with assured reliability when it matters most.

SFFECO is dedicated to providing fire safety products of the highest quality and performance. We achieve this by working closely with certification bodies, government regulatory agencies, industry partners, and technology associations. This collaboration ensures our innovative products are backed by extensive product testing and evaluation, and maintained through continuous quality compliance.

As global leaders since 1983, SFFECO believes in manufacturing quality products and offering exceptional service standards worldwide. Our primary goal is to reward our customers by keeping their investments safe and secure. Our manufacturing plant has steadily grown and is now equipped with modern hi-tech equipment and staffed by highly skilled professionals. With optimal ISO-certified operations, we consistently roll out products that match global standards to serve the needs of the growing fire safety market.



Empowering
a **Safer Future** for
the Kingdom



End Suction Fire Pumps

UL/FM Approved



General Description

SFFECO Horizontal End-Suction Centrifugal Fire Pumps play a critical role in fire protection systems. With their professional engineering, robust construction, and high operational efficiency, they are a preferred choice for a wide range of fire protection applications.

These pumps operate on the principle of centrifugal force to efficiently transfer water from the suction (inlet) to the discharge (outlet). When the motor drives the impeller, water is drawn into the center of the impeller and rapidly accelerated by the rotating blades. The resulting centrifugal force pushes the water outward to the pump casing and directs it through the discharge port into the fire protection system.

Designed for reliability and durability, SFFECO Horizontal End-Suction Centrifugal Fire Pumps are manufactured using high-quality materials and comply with international and national

fire protection standards. Their dependable performance ensures effective water delivery during emergencies, while their robust design supports long service life with routine maintenance.

Efficient operation is achieved through the pump's centrifugal design, which maximizes water flow and pressure conversion to deliver consistent performance while minimizing energy consumption. Built from high-quality materials with a robust construction, the pump ensures dependable, long-term reliability and complies with NFPA 20 and SASO standards for trusted performance in emergency situations. Additionally, it is designed for simplified maintenance, with easily accessible components that allow for quick disassembly and replacement, helping to sustain optimal performance and extend the pump's operational life.



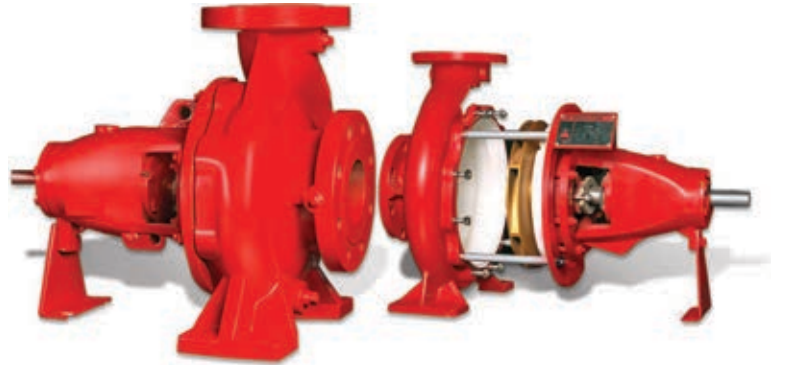
Fire Pumps

End Suction [50/60Hz]



General Features

- ❖ Top Centerline Discharge
- ❖ Foot Supported Casing
- ❖ Back Pullout Design
- ❖ Self- Venting Design
- ❖ Efficiently Designed Impeller
- ❖ Frame-Mounted Design
- ❖ Small Footprint Ideal for Retrofit
- ❖ Dynamically Balanced Impeller
- ❖ Heavy Duty with Heavy Wall Thickness
- ❖ 100% Hydrostatic & Performance Tested
- ❖ Back Pump out Vanes



Casing	Cast Iron / Ductile Iron
Impeller	Bronze / Duplex (upon request)
Shaft	Alloy Steel / Stainless Steel / Duplex (upon request)
Capacity	50GPM to 1000 GPM
Pressure	65 to 234 PSI
Max. Working Pressure	180 to 315 PSI
Speed	2900, 3000, 3500 and 3600 RPM

Model Dsg.	Rated Capacity (GPM)	Flange Size (SucXDis) (in)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)	Max Working Pressure (PSI)	
SFP - 50- 20 EM - 2G	50	2 ½ X 2	74 - 93	2900	180	
SFP - 50- 20 EM - 2G		2 ½ X 2	79 - 99	3000	180	
SFP 50- 20 EM		2 x 1 ¼	68 - 87	2900	230	
SFP 50- 20 EH		2 x 1 ¼	101 - 129	3500	230	
SFP 50- 26 EM		2 x 1 ¼	115 - 140	2900	230	
SFP 50- 26 EH		2 x 1 ¼	163 - 206	3500	230	
SFP 50- 20 EHA		2 ½ x 2	106 - 129	3500	230	
SFP 50- 20 EHB		3 x 2 ½	108 - 121	3500	230	
SFP 50- 26 EMA		2 ½ x 1 ½	114 - 136	2900	230	
SFP 50- 42 EH		2 ½ x 1 ½	122 - 146	3000	230	
SFP 50- 40 EH		2 ½ x 1 ½	166 - 198	3500	230	
SFP - 100- 20 EM - 2G		100	2 ½ X 2	72 - 92	2900	180
SFP - 100- 20 EM - 2G			2 ½ X 2	77 - 98	3000	180
SFP 100- 20 EH			2 x 1 ¼	119	3500	230
SFP 100- 26 EH	2 x 1 ¼		159 - 195	3500	230	
SFP 100- 50 EH	2 ½ x 2		104 - 128	3500	230	
SFP 100- 26 EM	2 ½ x 1 ½		109 - 134	2900	230	
SFP 100- 42 EH	2 ½ x 1 ½		116 - 143	3000	230	
SFP 100- 40 EH	2 ½ x 1 ½		162 - 198	3500	230	
SFP 100- 20 EHB	3 x 2 ½		108 - 124	3500	230	

Model Dsg.	Rated Capacity (GPM)	Flange Size (SucXDis) (in)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)	Max Working Pressure (PSI)	
SFP - 150- 32 EM - 2G	150	3X2	95 -142	2900	239	
SFP - 150- 32 EM - 2G		3X2	102 -153	3000	239	
SFP - 150- 20 EM - 2G		2½X2	71 - 90	2900	180	
SFP - 150- 20 EM - 2G		2½X2	76 - 97	3000	180	
SFP - 150- 65 EM - 2G		3X2½	80 - 93	2900	180	
SFP - 150- 65 EM - 2G		3X2½	86 - 99	3000	180	
SFP 150- 20 EH		3x2½	108 -128	3500	230	
SFP 150- 26 EM		2½x1½	124	2900	230	
SFP 150- 42 EH		2½x1½	107 -135	3000	230	
SFP 150- 26 EH		2½x1½	156 -191	3500	230	
SFP 150- 20 EHA		2½x2	102 -126	3500	230	
SFP - 200- 32 EM - 2G		200	3X2	89 -139	2900	239
SFP - 200- 32 EM - 2G			3X2	96 -149	3000	239
SFP - 200- 65 EM - 2G			3X2½	79 - 91	2900	180
SFP - 200- 65 EM - 2G	3X2½		85 - 98	3000	180	
SFP 200- 20 EH	3X2½		106 -127	3500	230	
SFP 200- 20 EHA	2½x2		96 -120	3500	230	
SFP 200- 65 EM	3X2½		115 -136	2900	230	
SFP - 250- 32 EM - 2G	250	3X2	82 -132	2900	239	
SFP - 250- 32 EM - 2G		3X2	89 -143	3000	239	
SFP - 250- 42 EM - 2G		4X2½	87 -147	2900	239	
SFP - 250- 42 EM - 2G		4X2½	94 -156	3000	239	
SFP - 250- 65 EM - 2G		3X2½	77 - 90	2900	180	
SFP - 250- 65 EM - 2G		3X2½	83 -97	3000	180	
SFP 250- 26 EM		3x2½	113 -134	2900	230	
SFP 250- 20 EH		3x2½	103 -124	3500	230	
SFP - 300- 42 EM - 2G	300	4X2½	85 -143	2900	230	
SFP - 300- 42 EM - 2G		4X2½	91 -154	3000	239	
SFP - 300- 65 EM - 2G		3X2½	75 - 90	2900	180	
SFP - 300- 65 EM - 2G		3X2½	81 - 96	3000	180	
SFP 300- 26 EM		3x2½	110 -132	2900	230	
SFP 300- 20 EH		3x2½	101 -123	3500	230	
SFP - 400- 31 EM - 2G	400	5X3	134 -218	2900	315	
SFP - 400- 31 EM - 2G		5X3	143 -234	3000	315	
SFP - 400- 25 EM - 2G		5X3	86 -139	2900	235	
SFP - 400- 25 EM - 2G		5X3	93 -149	3000	235	
SFP - 400- 54 EM - 2G		5X4	137 -215	2900	315	
SFP - 400- 54 EM - 2G		5X4	147 -230	3000	315	
SFP - 400- 42 EM - 2G		4X2½	79 -141	2900	239	
SFP - 400- 42 EM - 2G		4X2½	86 -151	3000	239	
SFP 400- 26 EM		4x3	110 -133	2900	230	
SFP 400- 26 EH		4x3	191	3500	240	
SFP 400- 32 EM		4x3	158 -200	2900	250	
SFP 400- 80 EH		4x3	105 -193	3500	235	
SFP - 450- 31 EM - 2G		450	5X3	131 -217	2900	315
SFP - 450- 31 EM - 2G			5X3	141 -232	3000	315
SFP - 450- 25 EM - 2G	5X3		85 -138	2900	235	
SFP - 450- 25 EM - 2G	5X3		91 -148	3000	235	
SFP - 450- 54 EM - 2G	5X4		136 -214	2900	315	
SFP - 450- 54 EM - 2G	5X4		146 -229	3000	315	
SFP - 450- 42 EM - 2G	4X2½		78 -137	2900	239	
SFP - 450- 42 EM - 2G	4X2½		84 -148	3000	239	
SFP 450- 26 EM	4x3		109 -132	2900	230	
SFP 450- 26 EH	4x3		188	3500	240	
SFP 450- 32 EM	4x3		154 -198	2900	250	
SFP 450- 80 EH	4x3		102 -190	3500	235	

Model Dsg.	Rated Capacity (GPM)	Flange Size (SucXDis) (in)	UL Listed Rated Net Pressure Range (PSI)	Approx Speed (RPM)	Max Working Pressure (PSI)	
SFP - 500- 31 EM - 2G	500	5 X 3	129 - 217	2900	315	
SFP - 500- 31 EM - 2G		5 X 3	139 - 232	3000	315	
SFP - 500- 25 EM - 2G		5 X 3	83 - 136	2900	235	
SFP - 500- 25 EM - 2G		5 X 3	90 - 146	3000	235	
SFP - 500- 54 EM - 2G		5 X 4	136 - 214	2900	315	
SFP - 500- 54 EM - 2G		5 X 4	146 - 229	3000	315	
SFP - 500- 42 EM - 2G		4 X 2½	143	3000	239	
SFP - 500- 20 EM - 2G		6 X 5	68 - 84	2900	175	
SFP - 500- 20 EM - 2G		6 X 5	73 - 90	3000	175	
SFP - 500- 20 EH - 2G		6 X 5	100 - 121	3500	210	
SFP - 500- 20 EH - 2G		6 X 5	105 - 128	3600	210	
SFP - 500- 26 EM - 2G		6 X 5	118 - 136	2900	230	
SFP - 500- 26 EM - 2G		6 X 5	126 - 146	3000	230	
SFP - 500- 26 EH - 2G		6 X 5	168 - 199	3500	290	
SFP - 500- 26 EH - 2G		6 X 5	178 - 210	3600	290	
SFP 500- 26 EM		4 x 3	108 - 131	2900	230	
SFP 500- 26 EH		4 x 3	185	3500	240	
SFP 500- 32 EM		4 x 3	149 - 194	2900	250	
SFP 500- 80 EH		4 x 3	99 - 188	3500	235	
SFP 500- 12 EM		5 x 4	111 - 133	2900	225	
SFP 500- 13 EM		5 x 4	122 - 210	2900	245	
SFP 750- 26 EM		750	5 x 4	102 - 127	2900	225
SFP 750- 32 EM			5 x 4	122 - 207	2900	245
SFP - 750- 54 EM - 2G			5 X 4	131 - 208	2900	315
SFP - 750- 54 EM - 2G			5 X 4	141 - 223	3000	315
SFP - 750- 20 EM - 2G			6 X 5	65 - 81	2900	175
SFP - 750- 20 EM - 2G			6 X 5	70 - 87	3000	175
SFP - 750- 20 EH - 2G			6 X 5	97 - 120	3500	210
SFP - 750- 20 EH - 2G			6 X 5	103 - 127	3600	210
SFP - 750- 26 EM - 2G			6 X 5	116 - 135	2900	230
SFP - 750- 26 EM - 2G	6 X 5		125 - 145	3000	230	
SFP - 750- 26 EH - 2G	6 X 5		167 - 198	3500	290	
SFP - 750- 26 EH - 2G	6 X 5		177 - 210	3600	290	
SFP - 1000- 54 EM - 2 G	1000		5 X 4	122 - 200	2900	315
SFP - 1000- 54 EM - 2 G			5 X 4	132 - 215	3000	239
SFP - 1000- 20 EM - 2 G			6 X 5	60 - 78	2900	175
SFP - 1000- 20 EM - 2 G		6 X 5	65 - 84	3000	175	
SFP - 1000- 20 EH - 2 G		6 X 5	92 - 116	3500	210	
SFP - 1000- 20 EH - 2 G		6 X 5	98 - 123	3600	210	
SFP - 1000- 26 EM - 2 G		6 X 5	113 - 133	2900	230	
SFP - 1000- 26 EM - 2 G		6 X 5	121 - 143	3000	230	
SFP - 1000- 26 EH - 2 G		6 X 5	164 - 196	3500	290	
SFP - 1000- 26 EH - 2 G		6 X 5	174 - 208	3600	290	

- Notes:**
- ❖ All Pumps are hydrostatically tested to minimum of 150% of its maximum working pressure and can with stand double the max. working pressure
 - ❖ All Pumps have clock-wise rotation when viewed from the driver side
 - ❖ All pumps are horizontal single stage pumps
 - ❖ "The rated speed marked on the pump can vary within +/- 4% of the listed / approved rated speed example: 3000RPM pump can be driven with 2900 RPM drives."
 - ❖ UL listed pumps compliant to NFPA 20 design and installation requirements.



Since 1983, SFFECO has been a trusted name in fire protection, known for innovation and quality worldwide.

With state-of-the-art facilities in Riyadh and Dubai, we deliver a complete range of firefighting solutions that meet international standards.

Our innovative approach and comprehensive product portfolio make SFFECO the one-stop destination for reliable fire protection products and services.

شركة المصنع السعودي لأجهزة الإطفاء SAUDI FACTORY FOR FIRE EQUIPMENT Co.

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