



Elf Yangın Mekanik Tesisat Malzemeleri olarak, tecrübemiz ve uzman ekibimizle yangın ve mekanik tesisat alanında güvenilir çözümler sunuyoruz. Amacımız, sadece ürün tedarikçisi değil, iş ortaklarımıza değer katan bir çözüm ortağı olmaktır.

Bu doğrultuda, projelerin ihtiyaçlarına en uygun ürünleri en kısa sürede ve en doğru şekilde ulaştırmayı hedefliyoruz. Bizim için başarının en somut göstergesi, iş ortaklarımızın memnuniyetidir.

Enerjimizi sürekli gelişimden ve teknik araştırmalarla edindiğimiz bilgilerden alıyoruz. Müşterilerimizin sektörü, proje tipi ya da ölçeği fark etmeksizin, gerekli AR-GE çalışmalarını yaparak en verimli çözümleri sunuyoruz.

Elf Yangın – Güvenin, Kalitenin ve Dayanıklılığın Adı.

As Elf Yangın Mechanical Installation Materials, we offer reliable solutions in the fields of fire and mechanical installation, backed by our experience and expert team. Our goal is not merely to be a product supplier, but to be a solution partner that adds value to our business associates.

To this end, we aim to deliver the most suitable products for project needs accurately and within the shortest possible time frame. For us, the most concrete indicator of success is the satisfaction of our business partners.

We derive our energy from continuous improvement and the knowledge gained through technical research. Regardless of our customers' sector, project type, or scale, we conduct the necessary R&D to provide the most efficient solutions.

Elf Yangın – The Name of Trust, Quality, and Durability.

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SFFECO GLOBAL

Yangin Pompaları
Fire Pumps



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UÇTAN EMİŞLİ YANGIN POMPASI
 CENTRIFUGAL FIRE PUMPS END SUCTION

MODEL SFP	
ONAYLAR / Approvals	UL, FM, CE
KAPASİTE / Capacity	50 GPM - 1000 GPM
BASINÇLAR / Pressures	65 PSI - 234 PSI
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	180 PSI - 315 PSI
HIZ / Speed	2900 RPM - 3000 RPM 3500 RPM - 3600 RPM


AYRILABİLİR GÖVDELİ YANGIN POMPASI
 CENTRIFUGAL FIRE PUMPS SPLIT CASE

MODEL SFP	
ONAYLAR / Approvals	UL, FM, CE
KAPASİTE / Capacity	150 GPM - 3500 GPM
BASINÇLAR / Pressures	88 PSI - 335 PSI
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	220 PSI - 410 PSI
HIZ / Speed	1480 RPM - 1500 RPM - 1760 RPM - 1800 RPM 2900 RPM - 3000 RPM - 3500 RPM - 3600 RPM


DIKEY TÜRBİN YANGIN POMPASI
 CENTRIFUGAL FIRE PUMPS VERTICAL TURBINE

MODEL SFP	
ONAYLAR / Approvals	UL, FM, CE
KAPASİTE / Capacity	200 GPM - 2000 GPM
BASINÇLAR / Pressures	40 PSI - 359 PSI
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	290 PSI - 359 PSI
HIZ / Speed	1450 RPM - 1480 RPM - 1760 RPM - 1780 RPM 2900 RPM - 2980 RPM - 2950 RPM - 3000 RPM


YANGIN POMPASI SİSTEM BİLEŞENLERİ
 FIRE PUMP SYSTEM COMPONENTS


FIERRE

Köpüklü Söndürme Sistemleri
Foam Suppression Systems



DIKEY TİP BLADDER TANK
VERTICAL FOAM BLADDER TANK

MODEL FI-PI	
ONAYLAR / Approvals	EN, CE
TEST BASINCI / Test Pressure	18 Bar
DİZAYN BASINCI / Design Pressure	12 Bar
KAPASİTE / Capacity	500-15000 Litre / 500-15000 Liter

**DIKEY TİP BLADDER TANK (UL LİSTELİ)**
VERTICAL FOAM BLADDER TANK (UL LISTED)

MODEL FI-PI-UL	
ONAYLAR / Approvals	UL
TEST BASINCI / Test Pressure	18 Bar
DİZAYN BASINCI / Design Pressure	12 Bar
KAPASİTE / Capacity	25-4000 US Galon / 25-4000 US Gallon

**DIKEY TİP İKİZ BLADDER TANK**
DOUBLE FOAM BLADDER TANK

MODEL FI-PIx2	
ONAYLAR / Approvals	EN, CE
TEST BASINCI / Test Pressure	18 Bar
DİZAYN BASINCI / Design Pressure	12 Bar
KAPASİTE / Capacity	2 x 500 - 2 x 15000 Litre / 2 x 500 - 2 x 15000 Liter

**YATAY TİP BLADDER TANK**
HORIZONTAL FOAM BLADDER TANK

MODEL FI-OPI	
ONAYLAR / Approvals	EN, CE
TEST BASINCI / Test Pressure	18 Bar
DİZAYN BASINCI / Design Pressure	12 Bar
KAPASİTE / Capacity	1000-15000 Litre / 1000-15000 Liter

**YATAY TİP BLADDER TANK (UL LİSTELİ)**
HORIZONTAL FOAM BLADDER TANK (UL LISTED)

MODEL FI-OPI-UL	
ONAYLAR / Approvals	UL
TEST BASINCI / Test Pressure	18 Bar
DİZAYN BASINCI / Design Pressure	12 Bar
KAPASİTE / Capacity	50-4000 US Galon / 50-4000 US Gallon

**MINİ TİP BLADDER TANK**
MINI FOAM BLADDER TANK

MODEL FI-MPI	
ONAYLAR / Approvals	EN, CE
TEST BASINCI / Test Pressure	18 Bar
DİZAYN BASINCI / Design Pressure	12 Bar
KAPASİTE / Capacity	100-400 Litre / 100-400 Liter



GENİŞ ARALIKLI ORANLAYICI
WIDE RANGE PROPORTIONER

MODEL FI-WRM				
ONAYLAR / Approvals		EN, CE		
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure		16 Bar		
MODEL / MODEL	DEBİ / FLOWRATE			
	Min. (LPM)	Min. (GPM)	Max. (LPM)	D (GPM)
FI-WRM 4	100	26	4000	1057
FI-WRM 6	150	40	8000	2113
FI-WRM 8	180	47	12000	3170


BLADDER TANK TİPİ ORANLAYICI (UL LİSTELİ)
FOAM PROPORTIONER FOR BLADDER TANK (UL LISTED)

MODEL FI-PM-UL	
ONAYLAR / Approvals	UL
BAĞLANTI / Connection	A350 LF2
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	12 Bar
MODEL / MODEL	DEBİ (LİTRE / DAKİKA) / FLOWRATE (LPM)
FI-PM 2-UL-C	109 - 400
FI-PM 2 1/2-UL-C	477 - 1488
FI-PM 3-UL-C	806 - 3199
FI-PM 4-UL-C	1128 - 5988
FI-PM 6-UL-C	2978 - 8150


BLADDER TANK TİPİ ORANLAYICI
FOAM PROPORTIONER FOR BLADDER TANK

MODEL FI-PM	
ONAYLAR / Approvals	EN, CE
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	12 Bar
MODEL / MODEL	MAKS. DEBİ (LİTRE / DAKİKA) / MAX. DELIVERY (LPM)
FI-PM3	2000
FI-PM4	3200
FI-PM6	8500
FI-PM8	15000
FI-PM10	25000
FI-PM12	50000


HAT TİPİ KARIŞTIRICI (DİŞLİ)
INLINE INDUCTOR (THREADED)

MODEL FI-ML	
ONAYLAR / Approvals	EN
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	12 Bar
MODEL / MODEL	DEBİ (LİTRE / DAKİKA) / FLOWRATE (LPM)
FI-ML-2	200
FI-ML-3	300
FI-ML-4	400
FI-ML-6	600
FI-ML-8	800


HAT TİPİ KARIŞTIRICI (FLANŞLI)
INLINE INDUCTOR (FLANGED)

MODEL FI-MLB	
ONAYLAR / Approvals	EN
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	12 Bar
MODEL / MODEL	DEBİ (LİTRE / DAKİKA) / FLOWRATE (LPM)
FI-MLB-F10-23	1040-1995
	1125-2155
	1200-2300
FI-MLB-F21-41	2015-3545
	2275-3830
	2430-4095
FI-MLB-F40-60	3848-5541
	4156-5985
	4443-6398



MANUEL MONİTÖR (KOL KUMANDALI)
 MANUAL MONITOR (LEVER OPERATED)

MODEL FI-MM3			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		360° kol kumanda ile / 360° by handle	
YÜKSELME / Elevation		+70° -45° kol kumanda ile / +70° -45° by handle	
MODEL MODEL	GÖVDE BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ BODY MATERIAL
FI - MM3	3"	4000	Karbon Çelik Carbon Steel
FI - MM3	3"	4000	304/316 Paslanmaz Çelik 304/316 Stainless Steel


MANUEL MONİTÖR (KOL KUMANDALI)
 MANUAL MONITOR (LEVER OPERATED)

MODEL FI-MMP-3-4			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		360° kol kumanda ile / 360° by handle	
YÜKSELME / Elevation		+60° -15° kol kumanda ile / +60° -15° by handle	
MODEL MODEL	GÖVDE BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ BODY MATERIAL
FI-MMP-3	3"	4000	Karbon Çelik Carbon Steel
FI-MMP-3	3"	4000	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-MMP-4	4"	6500	Karbon Çelik Carbon Steel
FI-MMP-4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel


MANUEL MONİTÖR (KOL KUMANDALI)
 MANUAL MONITOR (LEVER OPERATED)

MODEL FI-MM3 BZ			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		360° kol kumanda ile / 360° by handle	
YÜKSELME / Elevation		+85° -52° kol kumanda ile / +85° -52° by handle	
MODEL MODEL	GÖVDE BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ BODY MATERIAL
FI-MM3 BZ	3"	4000	NiAlBz



MANUEL MONİTÖR (TEK VOLON KUMANDALI)
 MANUAL MONITOR (WITH SINGLE HANDWHEEL)

MODEL FI-MG-3-4			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		360° kol kumanda ile / 360° by handle	
YÜKSELME / Elevation		+90° -90° kol kumanda ile / +90° -90° by handle	
MODEL MODEL	GÖVDE BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ BODY MATERIAL
FI-MG-3	3"	4000	Karbon Çelik Carbon Steel
FI-MG-3	3"	4000	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-MG-4	4"	6500	Karbon Çelik Carbon Steel
FI-MG-4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel


MANUEL MONİTÖR (ÇİFT VOLON KUMANDALI)
 MANUAL MONITOR (WITH DOUBLE HANDWHEEL)

MODEL FI-M2G-3-4-6			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		360° kol kumanda ile / 360° by handle	
YÜKSELME / Elevation		+90° -90° kol kumanda ile / +90° -90° by handle	
MODEL MODEL	GÖVDE BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ BODY MATERIAL
FI-M2G-3	3"	4000	Karbon Çelik Carbon Steel
FI-M2G-3	3"	4000	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-M2G-4	4"	6500	Karbon Çelik Carbon Steel
FI-M2G-4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-M2G-6	6"	10000	Karbon Çelik Carbon Steel
FI-M2G-6	6"	10000	304/316 Paslanmaz Çelik 304/316 Stainless Steel


KENDİNDEN SALINIMLI MONİTÖR
 SELF-OSCILLATING MONITOR

MODEL FI-SO3-4			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		340° otomatik / 340° automatic	
YÜKSELME / Elevation		+70° -45° kol kumanda ile / +70° -45° by handle	
MODEL MODEL	GÖVDE BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ BODY MATERIAL
FI-SO3	3"	4000	Karbon Çelik Carbon Steel
FI-SO3	3"	4000	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-SO4	4"	6500	Karbon Çelik Carbon Steel
FI-SO4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel



KENDİNDEN SALINIMLI MONİTÖR (ÇİFT VOLON KUMANDALI)
SELF-OSCILLATING MONITOR (WITH DOUBLE HANDWHEEL)

MODEL FI-SO2G-4			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		360° kol kumanda ile / 360° by handle	
YÜKSELME / Elevation		+90° -45° kol kumanda ile / +90° -45° by handle	
DÖNME / Rotation		340° otomatik / 340° automatic	
MODEL / MODEL	GÖVDE / BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ / BODY MATERIAL
FI-SO2G-4	4"	6500	Karbon Çelik Carbon Steel
FI-SO2G-4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel



HİDROLİK UZAKTAN KUMANDALI MONİTÖR
HYDRAULIC REMOTE CONTROLLED MONITOR

MODEL FI-OM-4			
ONAYLAR / Approvals		EN, CE	
DÖNME / Rotation		360° / 360°	
YÜKSELME / Elevation		+75° -70° kol kumanda ile / +75° -70° by handle	
MODEL / MODEL	GÖVDE / BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ / BODY MATERIAL
FI-OM 4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel



ELEKTRİKLİ UZAKTAN KUMANDALI MONİTÖR
ELECTRIC REMOTE CONTROLLED MONITOR

MODEL FI-EMP-3			
ONAYLAR / Approvals		EN, CE	
DÖNME / YÜKSELME Rotation / Elevation		Dönme +170° -170° Yükselme +77° -77° Rotation +170° -170° Elevation +77° -77°	
BESLEME GERİLİMİ / Feeding Voltage		380V - 3 Faz - 50Hz 380V - 3 Phases - 50Hz	
MODEL / MODEL	GÖVDE / BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ / BODY MATERIAL
FI-EMP-3	3"	4000	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-EMP-3	3"	4000	304/316 Paslanmaz Çelik 304/316 Stainless Steel



ELEKTRİKLİ UZAKTAN KUMANDALI MONİTÖR
ELECTRIC REMOTE CONTROLLED MONITOR

MODEL FI-EMP-4			
ONAYLAR / Approvals		EN, CE	
DÖNME / YÜKSELME Rotation / Elevation		Dönme +170° -170° Yükselme +80° -80° Rotation +170° -170° Elevation +80° -80°	
BESLEME GERİLİMİ / Feeding Voltage		380V - 3 Faz - 50Hz 380V - 3 Phases - 50Hz	
MODEL / MODEL	GÖVDE / BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ / BODY MATERIAL
FI-EMP-4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-EMP-4	4"	6500	304/316 Paslanmaz Çelik 304/316 Stainless Steel



ELEKTRİKLİ UZAKTAN KUMANDALI MONİTÖR
ELECTRIC REMOTE CONTROLLED MONITOR

MODEL FI-EMP-6			
ONAYLAR / Approvals		EN, CE	
DÖNME / YÜKSELME Rotation / Elevation		Dönme +170° -170° Yükselme +70° -70° Rotation +170° -170° Elevation +70° -70°	
BESLEME GERİLİMİ / Feeding Voltage		380V - 3 Faz - 50Hz 380V - 3 Phases - 50Hz	
MODEL / MODEL	GÖVDE / BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ / BODY MATERIAL
FI-EMP-6	6"	10000	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-EMP-6	6"	10000	304/316 Paslanmaz Çelik 304/316 Stainless Steel



ELEKTRİKLİ UZAKTAN KUMANDALI MONİTÖR
ELECTRIC REMOTE CONTROLLED MONITOR

MODEL FI-EMP-8			
ONAYLAR / Approvals		EN, CE	
DÖNME / YÜKSELME Rotation / Elevation		Dönme +130° -130° Yükselme +70° -50° Rotation +130° -130° Elevation +70° -50°	
BESLEME GERİLİMİ / Feeding Voltage		380V - 3 Faz - 50Hz 380V - 3 Phases - 50Hz	
MODEL / MODEL	GÖVDE / BODY	MAKS. KAPASİTE (LİTRE/DAKİKA) MAX. CAPACITY (LPM)	GÖVDE MALZEMESİ / BODY MATERIAL
FI-EMP-8	8"	20000	304/316 Paslanmaz Çelik 304/316 Stainless Steel
FI-EMP-8	8"	20000	304/316 Paslanmaz Çelik 304/316 Stainless Steel



KONTROL PANELİ
MONITORS CONTROL PANEL

MODEL FI-QCM			
ONAYLAR / Approvals		EN, CE	
BESLEME GERİLİMİ / Feeding Voltage		380V -3PH-50Hz veya 230V - 1 FAZ -50Hz 380V -3PH-50Hz or 230V - 1FASE -50Hz	
MODEL / MODEL	YÜKSEKLİK / HEIGHT	GENİŞLİK / WIDTH	DERİNLİK / DEPTH
FI-QCM	1000 mm	1600 mm	400 mm



KENDİNDEN EMİŞLİ MANUEL NOZUL
SELF-EDUCING MANUAL NOZZLE

MODEL FI-ABA	
ONAYLAR / Approvals	EN
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)
FI-ABA 10-23	1000-2300
FI-ABA 23-40	2300-4000



JET/SİS SU/KÖPÜK NOZULU
JET/FOG WATER/FOAM NOZZLE

MODEL FI-BA	
ONAYLAR / Approvals	EN
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)
FI-BA 3-15	300-1500
FI-BA 15-25	1500-2500
FI-BA 25-85	2500-8500



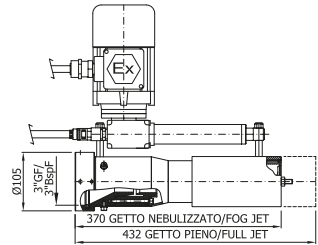
ELEKTRİKLİ NOZUL
ELECTRIC NOZZLE

MODEL FI-EBA	
ONAYLAR / Approvals	EN, CE
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)
FI-EBA 3-15	300-1500
FI-EBA 15-25	1500-2500
FI-EBA 25-85	2500-8500



KENDİNDEN EMİŞLİ ELEKTRİKLİ NOZUL
SELF-EDUCING ELECTRIC NOZZLE

MODEL FI-EABA	
ONAYLAR / Approvals	EN, CE
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)
FI-EABA 3-15	300-1500
FI-EABA 15-25	1500-2500
FI-EABA 25-85	2500-8500



JET/SİS SU/KÖPÜK HİDROLİK NOZUL
JET/FOG WATER/FOAM NOZZLE HYDRAULIC OPERATED

MODEL FI-OBA		
ONAYLAR / Approvals	EN, CE	
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)	MALZEME / MATERIAL
FI-OBA 15-25	1500 - 2500	AISI 304 / AISI 316
FI-OBA 25-50	2500 - 5000	AISI 304 / AISI 316



KÖPÜK LANSI
FOAM BRANCHPIPE

MODEL FI-CS		
ONAYLAR / Approvals		EN
GENLEŞME / Expansion		1 ÷ 7
MODEL / MODEL	KAPASİTE @ 7 BAR (LİTRE/DAKİKA) / CAPACITY @ 7 BAR (LPM)	
FI-CS 5	500	
FI-CS 10	1000	
FI-CS 15	1500	
FI-CS 20	2000	
FI-CS 25	2500	
FI-CS 30	3000	
FI-CS 35	3500	
FI-CS 40	4000	
FI-CS 45	4500	
FI-CS 50	5000	
FI-CS 60	6000	
FI-CS 70	7000	
FI-CS 80	8000	
FI-CS 100	10000	



DEFLAKTÖRLÜ KÖPÜK LANSI
FOAM BRANCHPIPE WITH BAFFLE

MODEL FI-CSL		
ONAYLAR / Approvals		EN, CE
GENLEŞME / Expansion		1 ÷ 7
MODEL / MODEL		
FI-CSL 5		
FI-CSL 10		
FI-CSL 15		
FI-CSL 20		
FI-CSL 25		
FI-CSL 30		
FI-CSL 40		
FI-CSL 50		
FI-CSL 60		
FI-CSL 70		
FI-CSL 80		
FI-CSL 100		



KENDİNDEN EMİŞİMLİ KÖPÜK LANSI
SELF-EDUCING FOAM BRANCHPIPE

MODEL FI-CSA		
ONAYLAR / Approvals		EN
KÖPÜK KARIŞTIRMA / Foam Mixing		3% or 6%
MODEL / MODEL	KAPASİTE @ 7 BAR (LİTRE/DAKİKA) / CAPACITY @ 7 BAR (LPM)	
FI-CSA 5	590	
FI-CSA 10	1000	
FI-CSA 15	1500	
FI-CSA 20	2000	
FI-CSA 25	2500	
FI-CSA 30	3000	
FI-CSA 35	3500	
FI-CSA 40	4000	
FI-CSA 45	4500	
FI-CSA 50	5000	
FI-CSA 60	6000	



TAM JET SU LANSI
WATER BRANCHPIPE FULL JET

MODEL FI-LI		
ONAYLAR / Approvals		EN
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)	
FI - LI 10	800-1200	
FI - LI 15	1200-1500	
FI - LI 20	1500-2000	
FI - LI 25	2000-2300	
FI - LI 30	2400-3500	
FI - LI 40	3500-4500	
FI - LI 50	4200-5500	
FI - LI 60	4800-6000	
FI - LI 70	5800-7000	
FI - LI 80	6500-8000	



FIERRE

Yüksek Genleşmeli Köpük Jeneratörü
High Expansion Foam Generator



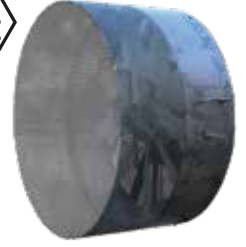
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YÜKSEK GENLEŞMELİ KÖPÜK JENERATÖRÜ
HIGH EXPANSION FOAM GENERATOR

MODEL FI-HEG			
ONAYLAR / Approvals		EN	
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)	GENLEŞME ORAN / EXPANSION RATIO	MAKS. BOŞ AĞIRLIK (KG) / MAX. EMPTY WEIGHT (KG)
FI-HEG 2	260 @ 5 Bar	1÷450-750	57
FI-HEG 3	305 @ 5 Bar	1÷450-750	57
FI-HEG 4	400 @ 5 Bar	1÷450-750	57


YÜKSEK GENLEŞMELİ KÖPÜK JENERATÖRÜ (TÜRBİNLİ)
HIGH EXPANSION FOAM GENERATOR (WITH TURBINE)

MODEL FI-GEA		
ONAYLAR / Approvals		EN, CE
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)	GENLEŞME ORAN / EXPANSION RATIO
FI-GEA 2	260 @ 5 Bar	1÷450-750
FI-GEA 4	460 @ 5 Bar	1÷450-750


YÜKSEK GENLEŞMELİ KÖPÜK JENERATÖRÜ
HIGH EXPANSION FOAM GENERATOR

MODEL FI-GEA VENT 1		
ONAYLAR / Approvals		EN
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)	GENLEŞME ORAN / EXPANSION RATIO
FI-GEA VENT 1	110 @ 5 Bar	1÷400-600


ORTA GENLEŞMELİ KÖPÜK LANSI
MEDIUM EXPANSION FOAM MAKERS

MODEL FI-LME-P	
ONAYLAR / Approvals	
MODEL / MODEL	DEBİ (LİTRE/DAKİKA) / FLOW RATE (LPM)
FI-LME-P 2-4	200 - 400
FI-LME-P 5-8	500 - 800
FI-LME-P 8-13	800 - 1300


ORTA GENLEŞMELİ KÖPÜK LANSI
MEDIUM EXPANSION FOAM MAKERS

MODEL FI-GEA VENT 1	
ONAYLAR / Approvals	
MODEL / MODEL	KAPASİTE @ 5 BAR (LİTRE/DAKİKA) / CAPACITY @ 5 BAR (LPM)
FI-LME 2-4	200 - 400
FI-LME 5-8	500 - 800
FI-LME 8-18	800 - 1800



ORTA GENLEŞMELİ KÖPÜK NOZULU
MEDIUM EXPANSION FOAM NOZZLE

MODEL FI-MEN		
ONAYLAR / Approvals		EN
MODEL MODEL	K FAKTÖR K FACTOR	Ø A GAS - BSP
MEN-28	28	3 / 4"
MEN-45	45	1"



KÖPÜK NOZULU
FOAM NOZZLE

MODEL FI-SK			
ONAYLAR / Approvals		EN	
BAĞLANTI / Connections		Dişli 1/2" / Threaded 1/2"	
MODEL MODEL	DEBİ @5 BAR (LİTRE/DAKİKA) FLOW RATE @5 BAR (LPM)	KÖPÜK KARIŞIMI (LİTRE/DAKİKA) FOAM MIXING (LPM)	K FAKTÖR K FACTOR
FI-SK 30	30	200	13,5
FI-SK 50	50	325	22,5
FI-SK 80	80	520	36
FI-SK 100	100	650	45



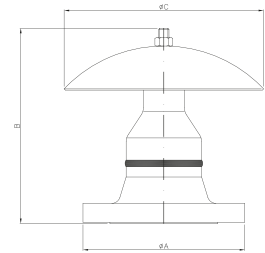
KÖPÜK NOZULU
FOAM NOZZLE

MODEL FI-LBE			
ONAYLAR / Approvals		EN	
BAĞLANTI / Connections		Dişli 3/4" / Threaded 3/4"	
MODEL MODEL	DEBİ @5 BAR (LİTRE/DAKİKA) FLOW RATE @5 BAR (LPM)	ÇALIŞMA BASINCI (BAR) WORKING PRESSURE (BAR)	KÖPÜK ÜRETİM (LİTRE/DAKİKA) MAKS. FOAM PRODUCTION (LPM) MAX.
FI-LBE	150	2 ÷ 8	700



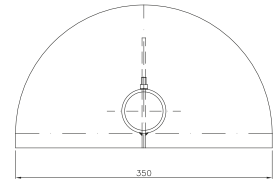
MANTAR SU NOZULU
MUSHROOM WATER NOZZLE

MODEL FI-UM	
ONAYLAR / Approvals	
EN	
MODEL MODEL	PÜSKÜRTME AÇISI SPRAY ANGLE
FI-UM-25	87°
FI-UM-40	
FI-UM-50	
FI-UM-65	
FI-UM-80	
FI-UM-100	81°
FI-UM-150	
FI-UM-200	



SU PERDESİ
WATER CURTAIN

MODEL FI-SI	
ONAYLAR / Approvals	
EN	
SU PERDESİ YÜKSEKLİĞİ / Water Curtain Height	~ 6 Mt.
SU PERDESİ GENİŞLİĞİ / Water Curtain Width	~ 12+12 Mt.



KÖPÜK LANSI
FOAM BRANCHPIPE

MODEL FI-LSBE	
ONAYLAR / Approvals	EN
MODEL / MODEL	DEBİ @5 BAR (LİTRE/DAKİKA) / FLOW RATE @5 BAR (LPM)
FI-LSBE 2	200
FI-LSBE 4	400
FI-LSBE 6	600
FI-LSBE 8	800
FI-LSBE 10	1000
FI-LSBE 12	1200
FI-LSBE 20	2000



TAŞINABİLİR KÖPÜK LANSI
PORTABLE FOAM BRANCHPIPE

MODEL FI-CSP	
ONAYLAR / Approvals	EN
KÖPÜK KARIŞTIRMA / Foam Mixing	1÷6 to 1÷15
MODEL / MODEL	DEBİ @5 BAR (LİTRE/DAKİKA) / FLOW RATE @5 BAR (LPM)
FI-CSP2	200
FI-CSP4	400
FI-CSP5	500
FI-CSP8	800



KENDİNDEN EMİŞLİ TAŞINABİLİR KÖPÜK LANSI
SELF-EDUCING PORTABLE FOAM BRANCHPIPE

MODEL FI-CSPA	
ONAYLAR / Approvals	EN
KÖPÜK KARIŞTIRMA / Foam Mixing	3% or 6%
MODEL / MODEL	DEBİ @5 BAR (LİTRE/DAKİKA) / FLOW RATE @5 BAR (LPM)
FI-CSPA 2	200
FI-CSPA 4	400
FI-CSPA 5	500
FI-CSPA 8	800



KÖPÜK ODASI
FOAM CHAMBER

MODEL FI-CSM	
ONAYLAR / Approvals	EN
MODEL / MODEL	DEBİ @5 BAR (LİTRE/DAKİKA) / FLOW RATE @5 BAR (LPM)
FI-CSM 2	200-450
FI-CSM 3	200-450
FI-CSM 4	500-1260
FI-CSM 6	1260-2600
FI-CSM 8	1260-2600
FI-CSM 10	2600-4000



KÖPÜK DÖKÜCÜ
FOAM POURER

MODEL FI-VE	
ONAYLAR / Approvals	EN
MODEL / MODEL	BAĞLANTI / CONNECTION
FI-VE 3	3"
FI-VE 4	4"
FI-VE 6	6"
FI-VE 8	8"



KÖPÜK TANKLI MONİTÖR RÖMORKU
MONITOR TRAILER WITH FOAM TANK

MODEL FI-CM	
ONAYLAR / Approvals	EN, CE
MODEL / MODEL	KÖPÜK TANKI KAPASİTESİ (LİTRE) / FOAM TANK CAPACITY (LITER)
FI-CM 2	200
FI-CM 5	500
FI-CM 10	1.000
FI-CM 15	1.500
FI-CM 20	2.000


MONİTÖR RÖMORKU
MONITOR TRAILER

MODEL FI-CPF	
ONAYLAR / Approvals	EN, CE


MONİTÖR RÖMORKU
MONITOR TRAILER

MODEL FI-CPM	
ONAYLAR / Approvals	EN, CE


SABİT PLATFORMLU MONİTÖR KULESİ
MONITOR TOWER WITH FIXED PLATFORM

MODEL FI-TPF	
ONAYLAR / Approvals	EN, CE
MINIMUM YÜKSEKLİK / Minimum Height	3,5 Metre / 3,5 Meter
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	12 Bar
TASARIM BASINCI / Design pressure	16 Bar


DÖNER PLATFORMLU MONİTÖR KULESİ
MONITOR TOWER WITH ROTATING PLATFORM

MODEL FI-TPG	
ONAYLAR / Approvals	EN, CE
MINIMUM YÜKSEKLİK / Minimum Height	6 Metre / 6 Meter
MAKS. ÇALIŞMA BASINCI / Max. Working Pressure	12 Bar
TASARIM BASINCI / Design pressure	16 Bar



VOKSED

Gazlı Söndürme Sistemleri
Gaseous Suppression Systems



HFC-227ea

MODEL VOKS-227		
GAZ / Gas		HFC-227ea
SİLİNDİR ONAYI / Cylinder Approval		TPED
GAZ ONAYI / Gas Approval		UL, FM
EKİPMAN ONAYI / Equipment Approval		VdS
KAPASİTE / Capacity		6,67 - 345 Litre / 6,67 - 345 Liter
BASINÇ / Pressure		25 - 42 Bar



FK 5-1-12

MODEL VOKS-5112		
GAZ / Gas		FK 5-1-12
SİLİNDİR ONAYI / Cylinder Approval		TPED
GAZ ONAYI / Gas Approval		UL, FM
EKİPMAN ONAYI / Equipment Approval		VdS
KAPASİTE / Capacity		6,67 - 345 Litre / 6,67 - 345 Liter
BASINÇ / Pressure		25 - 42 Bar



CO₂

MODEL VOKS-CO2		
GAZ / Gas		CO ₂
SİLİNDİR ONAYI / Cylinder Approval		TPED
EKİPMAN ONAYI / Equipment Approval		VdS
KAPASİTE / Capacity		67 - 80 Litre / 67 - 80 Liter



INERT

MODEL VOKS-IG		
GAZ (VOKS-IG541) / Gas (VOKS-IG541)		Azot + Argon + CO / Nitrogen + Argon + CO
GAZ (VOKS-IG55) / Gas (VOKS-IG55)		Azot + Argon / Nitrogen + Argon
GAZ (VOKS-IG100) / Gas (VOKS-IG100)		Azot / Nitrogen
GAZ (VOKS-IG01) / Gas (VOKS-IG01)		Argon / Argon
SİLİNDİR ONAYI / Cylinder Approval		TPED
EKİPMAN ONAYI / Equipment Approval		VdS
KAPASİTE / Capacity		80 - 140 Litre / 80 - 140 Liter
BASINÇ / Pressure		200 - 300 Bar



PANO İÇİ SÖNDÜRME SİSTEMİ
CABINET FIRE SUPPRESSION SYSTEM

MODEL VOKS-EC		
GAZ / Gas		HFC-227ea
MODELİ / Model		VOKS-EC
GAZ ONAYI / Gas Approval		UL, FM
GAZ ONAYI / Gas Approval		VdS
TUBING ONAYI / Tubing Approval		UL
KAPASİTE / Capacity		1 Kg - 2 Kg - 3 Kg - 4 Kg - 6 Kg - 9 Kg



DAVLUMBAZ SÖNDÜRME SİSTEMİ
KITCHEN FIRE SUPPRESSION SYSTEMS

MARKA / Brand	
MODEL KP	
ONAY / Approval	UL-300
KAPASİTE / Capacity	2,75 Galon (KP-275) / 2,75 Gallon (KP-275)
	3,75 Galon (KP-375) / 3,75 Gallon (KP-375)
	4,75 Galon (KP-475) / 4,75 Gallon (KP-475)
	6,14 Galon (KP-600) / 6,14 Gallon (KP-600)
BASINÇ / Pressure	240 Psi (1655 kPa)





MECON

Akış Ölçerler
Flow Meters

VdS

LPCB

FM

CE



MECON
SAFETY CONTROL

www.elfyangin.com

AKIŞ ÖLÇER DİJİTAL (YİVLİ)
FLOW METER DIGITAL (GROOVED)

MODEL TURBO-LUX 3 DİJİTAL	
ONAYLAR / Approvals	FM, LPCB, VdS
KULLANILABİLİR ANMA ÇAPI / Usable Nominal Diameter	DN50 (2") - DN300 (12")
AKIŞ ARALIĞI / Flow Range	20 GPM - 10000 GPM

**AKIŞ ÖLÇER (YİVLİ)**
FLOW METER (GROOVED)

MODEL TURBO-LUX 3	
ONAYLAR / Approvals	FM, LPCB, VdS
ANMA ÇAPI / Nominal Diameter	DN50 (2") - DN300 (12")
ÖLÇÜM ARALIĞI / Measuring Range	20 GPM - 10000 GPM
POMPA ANMA DEBİSİ / Pump Rated Head	50 GPM - 5000 GPM

**AKIŞ ÖLÇER (FLANŞ ARASI)**
FLOW METER (BETWEEN FLANGE)

MODEL TURBO-LUX 2	
ONAYLAR / Approvals	VdS
ANMA ÇAPI / Nominal Diameter	DN80 (3") - DN250 (10")
ÖLÇÜM ARALIĞI / Measuring Range	420 - 18.000 LİTRE/DAKİKA / 420 - 18.000 LPM

**ELEKTROMANYETİK AKIŞ ÖLÇER**
MAGNETIC-INDUCTIVE FIRE PUMP TESTMETER

MODEL TURBO-FLUX T4	
ONAYLAR / Approvals	VdS
ANMA ÇAPI / Nominal Diameter	DN15 (1/2") - DN300 (12")
DEBİ ARALIĞI GPM / Flow Range GPM	0 GPM - 11200 GPM
*** Debi aralığı çapa ve bağlantı şekline göre değişmektedir. Doğru ürün seçimi veya detaylı katalog için firmamız ile iletişime geçiniz. *** Flow range varies according to the diameter and connection type. Please contact our company for the right product selection or detailed catalogue.	

**TAŞINABİLİR HİDRANT TEST CİHAZI**
PORTABLE HYDRANT TESTER

MODEL MAG-FLUX HTL	
STANDARTLAR / Standards	DVGW çalışma sayfası W405, DIN 14462 DVGW worksheet W405, DIN 14462
ANMA ÇAPI / Nominal Diameter	DN50 (2") - DN150 (6")
DEBİ ARALIĞI GPM / Flow Range	0 (Litre/dakika) - 12.723 (Litre/dakika) 0 (LPM) - 12.723 (LPM)
SİSTEM DİLLERİ / System Language	İngilizce, Fransızca, Almanca, İtalyanca English, French, German, Italian



DL

Kaplin & Yivli Fittings
Coupling & Grooved Fittings



SABİT KAPLİN
RIGID COUPLING

MODEL XGQT1	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"


ESNEK KAPLİN
FLEXIBLE COUPLING

MODEL XGQT2	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"


REDÜKSİYON KAPLİN
REDUCING COUPLING

MODEL XGQT6	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	2 1/2" x 2" - 8" x 6"


90° YİVLİ DİRSEK
90° GROOVED ELBOW

MODEL XGQT01	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"


45° YİVLİ DİRSEK
45° GROOVED ELBOW

MODEL XGQT02	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"


22.5° YİVLİ DİRSEK
22.5° GROOVED ELBOW

MODEL XGQT07	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"



YİVLİ TEE
GROOVED TEE

MODEL XGQT03	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"

**YİVLİ İSTAVROZ TEE**
GROOVED CROSS TEE

MODEL XGQT05	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"

**YİVLİ REDÜKSİYON TEE**
GROOVED REDUCING TEE

MODEL XGQT04	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	2" x 1" - 12" x 10"

**YİVLİ X DİŞLİ REDÜKSİYON**
GROOVED X THREADED REDUCER

MODEL XGQT07S	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	2" x 1 1/4" - 4" x 2"

**YİVLİ REDÜKSİYON**
GROOVED REDUCER

MODEL XGQT07G	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1 1/4" x 1" - 12" x 10"

**YİVLİ KEP**
GROOVED CAP

MODEL XGQT06	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" - 12"



DİŞLİ MEKANİK TEE
THREADED MECHANICAL TEE

MODEL XGQT3S	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	2" x 1/2" - 8" x 4"

**YİVLİ MEKANİK TEE**
GROOVED MECHANICAL TEE

MODEL XGQT3G	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	2" x 1 1/4" - 8" x 4"

**U-BOLT SPRİNKLER TEE**
U-BOLT SPRINKLER TEE

MODEL XGQT3U	
ONAYLAR / Approvals	UL, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	1" x 1/2" - 2 1/2" x 1"

**YİVLİ DELİKLİ KEP**
GROOVED CAP WITH HOLE

MODEL XGQT06P	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	2 1/2" x 1" - 8" x 1"

**YİVLİ FLANŞ**
GROOVED FLANGE

MODEL XGQT5	
ONAYLAR / Approvals	UL, FM, CE
ÇALIŞMA BASINCI / Working Pressure	300 Psi / 2070 kPa
YÜZEY / Surface	Boyalı / Galvanizli / Painted / Galvanized
NOMİNAL ÖLÇÜ / Nominal Size	2" - 12"



YANGIN ALARM VANALARI
FIRE ALARM VALVES

ISLAK ALARM VANASI	Wet Alarm Valve	 
KURU ALARM VANASI	Dry Alarm Valve	
BASKIN ALARM VANASI	Deluge Alarm Valve	
ÖN TEPKİMLİ ALARM VANASI	Pre-Action Alarm Valve	
		 

YANGIN VANALARI
FIRE VALVES

İZLENEBİLİR KELEBEK VANA	Butterfly Valve with Supervisory Switch	           
ÇEK VANA	Check Valve	
AKIŞ ANAHTARI	Flow Switch	
TEST DRENAJ VANASI	Test Drain Valve	
OS&Y YÜKSELEN MİLLİ VANA	OS&Y Rising Stem Valve	
NRS SABİT MİLLİ VANA	NRS Non-Rising Stem Valve	
DİKEY TİP POST İNDİKATÖR	Vertical Type Post Indicator	
DUVAR TİPİ POST İNDİKATÖR	Wall Mounted Post Indicator	
OS&Y VANA İZLEME ANAHTARI	OS&Y Valve Monitoring Switch	
BASINÇ DÜŞÜRÜCÜ VANA	Pressure Reducing Valve	
BASINÇ TAHLİYE (RELIEF) VANASI	Pressure Relief Valve	
AKIŞ ÖLÇER	Flow Meter	

İTFAİYE BAĞLANTI EKİPMANLARI
FIRE FIGHTING EQUIPMENT

İTFAİYE BAĞLANTI AĞZI	Fire Brigade Connection Mouth
STORZ KAPLIN VE KAPAK	Storz Coupling and Cover
OTOMATİK DAMLATMA VANASI	Automatic Drip Valve
DUVAR PLAKASI	Wall Plate
İTFAİYE KAT BAĞLANTI VANASI	Landing Valve
BASINÇ DÜŞÜRÜCÜ TERTİBATLI KAT BAĞLANTI VANASI	Landing Valve with Pressure Reducing Device
HİDRANT VANASI	Hydrant Valve
BASINÇ DÜŞÜRÜCÜ	Pressure Reducer
NOZUL	Nozzle
YANGIN HİDRANTI (TSE)	Fire Hydrant (TSE)
YANGIN HİDRANTI (UL/FM)	Fire Hydrant (UL/FM)

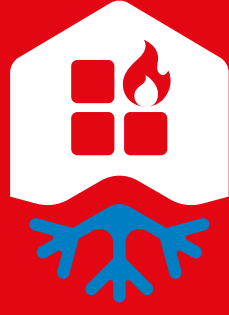


YANGIN SPRİNKLER VE AKSESUARLARI
FIRE SPRINKLER AND ACCESSORIES

STANDART TİP SPRİNKLER	Standard Type Sprinkler
GENİŞ KORUMALI SPRİNKLER	Extended Coverage Sprinklers
GİZLİ TİP SPRİNKLER	Concealed Type Sprinkler
DEPO TİPİ SPRİNKLER	Storage Type Sprinkler
KORUMA KAFESİ VE SU KALKANI	Protection Cage and Water Shield
KURU TİP SPRİNKLER	Dry Type Sprinkler
AÇIK TİP SPRİNKLER VE NOZUL	Open Head Sprinkler and Nozzle
AKSESUARLAR	Accessories

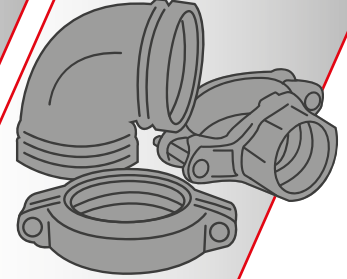
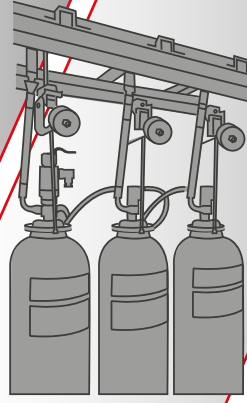
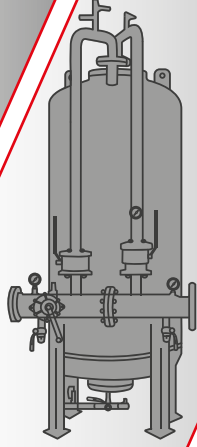
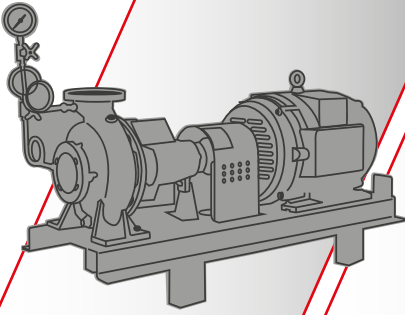


RIJİT SİSMİK ASKILAMA
RIGID SEISMIC BRACING**STANDART SİSMİK ASKI***Standard Sway Brace***YAPISAL BAĞLANTI ADAPTÖRÜ***Structural Attachment***ÇELİK YAPI BAĞLANTI ADAPTÖRÜ***Bar Joist Attachment***SİSMİK DÜBEL***Seismic Anchor***HALATLI SİSMİK ASKILAMA**
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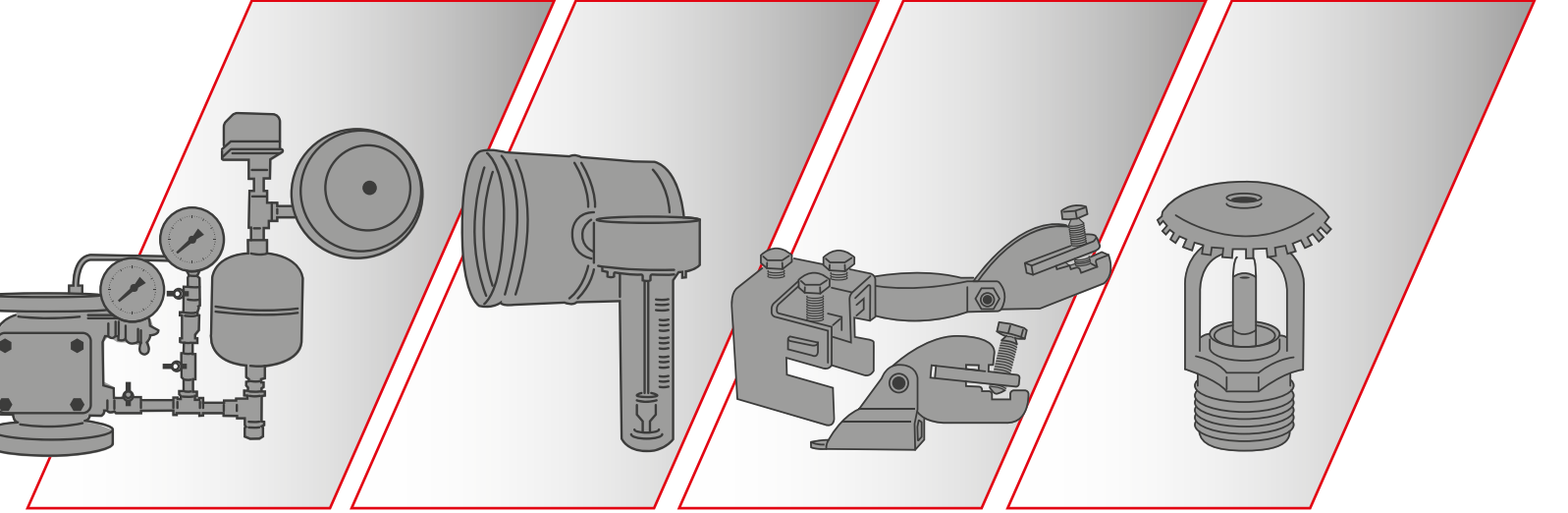
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