LICHFIELD
FIRE & SAFETY EQUIPMENT CO. LTD.

LIFECO

PRODUCT CATALOGUE

www.lifeco-uk.com

24 YEARS ANNIVERSARY

WE AIM TO MAKE THE WORLD A SAFER PLACE

THE CORNER STONE TO BUILDING THE FUTURE

Lichfield Fire & Safety Equipment Co. Ltd. (LIFECO), LIFECO has been a global leader in supplying products covering the full range for fire detection, prevention, extinguishing and suppression system. LIFECO, with its world headquarters located in United Kingdom and is well poised to serve a variety of International markets in addition to fulfilling the local market demand.

LIFECO serves Civil Defence, Industrial and Commercial markets with its wide range of quality and innovative products. LIFECO is represented globally with its well knit National and International infrastructure of distributors. The Company's strengths are underpinned by a highly skilled workforce, and a diverse range of quality products and services that aims to provide a 'one stop shop' to satisfy all of our Customers Fire and Life Safety requirements.

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PRODUCTS	UL	FM APPROVED	◇	CE
EMERGENCY & EXIT LIGHTS				
LED Emergency /Exit Light Combination	UL			
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Pendent And Upright Sprinklers - K Factor 8	UL			
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High Velocity Nozzle	UL			
Flexible Sprinkler Hoses	UL			
FIRE PROTECTION VALVES				
OS& Y Gate Valve	UL	FM APPROVED		
NRS Gate Valve	UL	FM APPROVED		
Indicator Post	UL	FM APPROVED		
Swing Check Valve	UL	FM APPROVED		
Wafer Check Valve	UL			
Butterfly Valve	UL	FM APPROVED		
Strainer Valve	UL			
Pre-Action	UL			
Deluge Valve	UL			
Alarm Check Valve - Wet Pipe	UL			
Pressure Reducing Valve & Pressure Relief Valve		FM APPROVED		
WATER BASED SYSTEM ACCESSORIES				
Test & Drain Valve	UL	FM APPROVED		
Water Flow Indicator	UL			
Supervisory Switch	UL	FM APPROVED		
Pressure Switch	UL	FM APPROVED		
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APPROVAL GUIDE

PRODUCTS	UL	FM APPROVED	♡	CE
FIRE PUMP SYSTEMS				
End Suction Fire Pump	UL	FM APPROVED		
Split Case Fire Pump	UL	FM APPROVED		
Vertical Turbine Fire Pump	UL	FM APPROVED		
Diesel Tanks	UL			
FIRE SUPPRESSION SYSTEMS				
LIFECO 227ea System	UL			
LIFECO 5112 System	UL			
STANDPIPE SYSTEMS				
Fire Hose Reels			♡	
Single/Double Jacket Synthetic Fire Hoses	UL			
Hose Rack & Hose Rack Assembly	UL			
Adjustable Type Hose Nozzle	UL			
Fire Department Connection	UL	FM APPROVED		
Angle Hose Valve & Pressure Restricting Angle HoseValve	UL	FM APPROVED		
FIRE EXTINGUISHERS				
Portable Type Extinguishers			♡	CE
FIRE DOOR & DOOR FRAME	UL			
FIRE HYDRANTS				
Dry Barrel Fire Hydrant	UL	FM APPROVED		
Wet Barrel Fire Hydrant	UL	FM APPROVED		

In line with our policy of continuous product improvement LIFECO reserves the right to modify any details without prior notice. References of the certificate is available upon request. For more details about our products and approvals please contact sales@lifeco-uk.com for assistance.

LICHFIELD FIRE & SAFETY EQUIPMENT CO. LTD.,
SOME OF OUR PROJECTS
IN KSA

PROJECT	SECTOR	PROJECT DETAILS	COUNTRY
Qassim University	Education	Fire Fighting	KSA
Edge Towers - AL Rossays	Residential	Fire Alarm / Fire Fighting	KSA
TBC Schools	Education	Fire Alarm / Fire Fighting	KSA
Roshan Riyadh Township Residential	Residential	Fire Alarm / Fire Fighting	KSA
King Khaled International Airport, Block 4	Aviation	Fire Fighting	KSA
Naif Arab University for Security Sciences	Education	Fire Fighting	KSA
Buildings of Al-Fateh and Al-Ettifaq Club / Ministry of Sports	Sports	Fire Fighting & Pumps	KSA
Red Crescent training buildings	Hospitality	Fire Alarm / Fire Fighting	KSA
Hemodialysis building in Majmaah / Ministry of Health	Healthcare	Fire Alarm	KSA
NEOM School	Education	Fire Fighting	KSA
Riyadh Boulevard	Commercial	Fire Fighting	KSA
Al Baha Museum / Ministry of Culture	Hospitality	Fire Fighting	KSA
Al Dammam Museum / Ministry of Culture	Hospitality	Fire Fighting	KSA
Officers and Personnel Housing Building / Ministry of Defense	Residential	Fire Fighting	KSA
Al Rabwa Square	Residential	Fire Fighting	KSA
Al Mashriqeh Housing Project NHC	Residential	Fire Alarm / Fire Fighting	KSA
NEOM community expiation project	Commercial	Fire Fighting	KSA
Civil Defense building for Crises and Disasters	Commercial	Fire Alarms, Fire Fighting	KSA
NEOM Main Acomedation	Residential	Fire Fighting	KSA
Novetal Hotel	Commercial	Fire Fighting	KSA
King Abdullah Financial District	Commercial	Fire Fighting	KSA
My Medical Clinic Project	Healthcare	Fire Fighting & Fire Alarm Systems	KSA
Safia Museum / Ministry of Culture	Hospitality	Sprinklers & Hose Reels	KSA
Training building / Ministry of Defense	Educational	Clean Agent & Sprinkler System	KSA
Lulu Hypermarket	Commercial	Sprinkler System, CO2 & Fire Alarm System	KSA
Ibn Rushd Group of Schools (10 schools)	Educational	Fire Hose Cabinets and Fire Alarm System	KSA
UNILUBE Power Plant	Industrial	Fire Alarm System	KSA
King Faisal University Bldg.27 & Bldg.29, Al Hasa	Educational	Sprinkler, Clean Agent, Fire Hose	KSA
Riyadh Technical College (Al Rashid)	Educational	Clean Agent & Fire Alarm System	KSA
My Medical Clinic Project	Healthcare	Vlaves, Sprinklers, standpipes	KSA

LICHFIELD FIRE & SAFETY EQUIPMENT CO. LTD.,
SOME OF OUR PROJECTS
IN DIFFERENT COUNTRIES

PROJECT	SECTOR	PROJECT DETAILS	COUNTRY
EXPO 2020	Commercial	Fire Fighting Equipment	UAE
IKEA Big Box (Festival Plaza)	Commercial	Hydrants & Valves System	U.A.E
Mall of the Emirates Refurbishment	Mall	Clean Agent Extinguishing System	U.A.E
Burjeel Resort	Healthcare	Fire Fighting & Valves	U.A.E
The Distinction Tower, Business Bay	Residential	Clean Agent Extinguishing System	U.A.E
Paragon Mall	Mall	Fire Suppression System & Valves	U.A.E
Dubai Opera District – Phase 3	Commercial	Fire Fighting Equipment	U.A.E
Jebal Ali Resort	Hospitality	Fire Fighting System	U.A.E
One Zabeel	Residential	Fire Fighting System (Temporary)	U.A.E
Smart Police Station At City Walk	Commercial	Sprinklers System	U.A.E
The Palm Tower	Residential	Sprinklers System	U.A.E
Mina Tower	Residential	Fire Fighting Valves	U.A.E
Aurora Tower Media City	Residential	Clean Agent Extinguishing System	U.A.E
The Distinction Tower, Business Bay	Residential	Clean Agent Extinguishing System	U.A.E
Salmania Hospital	Healthcare	Fire Pump & Sprinkler System	Bahrain
BASF Plant at Hidd	Industrial	Fire Fighting System	Bahrain
Gulf Aviation Academy	Education	Design, Supply, Installation of FM-200 System	Bahrain
Aloft Hotels	Commercial	Fire Pump System	Oman
Tanmia Headquarters	Industrial	Fire Alarm	Oman
Omantel Mixed Use Development	Industrial	Fire detection system	Oman
DOHA Festival City Qatar	Mall	Full Fire Fighting System	Qatar
Al Adabiya Port	Commercial	Fire Pump System	Egypt
Sharm El Sheikh Culture Palace	Commercial	Fire Pump System	Egypt
Zouk Power Plant	Industrial	Fire Alarm System	Lebanon
Jieh Power Plant	Industrial	Fire Alarm System	Lebanon
Faisalabad Airport	Aviation	Fire Pump	Pakistan
Dolmen Mall Clifton	Mall	Addressable Fire Alarm	Pakistan
MIRPUR DOHS Shopping Complex	Mall	Fire Fighting & Fire Detection System	Bangladesh
MIRPUR DOHS Shopping Complex	Mall	Fire Fighting & Fire Detection System	Bangladesh
Zyska Pharmaceuticals Ltd	Healthcare	Fire Fighting System	Bangladesh
Dhaka Bank Corporate Head Office	Bank	Firefighting & Detection System	Bangladesh
Dhaka Insurance Bhaban	Bank	Fire Alarm System	Bangladesh
Kolora Ink Chemical Corp	Industrial	Robin Addressable Fire Alarm System	Philippines
Rizal High school	Educational	Robin Addressable Fire Alarm System	Philippines
Congo Airport	Aviation	Fire Fighting Systems	Congo
Sandolin Paint Factory	Industrial	Sprinkler/Standpipe	Uganda

Fire Alarm System System

Fire Alarm System is designed to alert us to an emergency so that we can take action to protect ourselves, staff and the general public. They are a part of our everyday routine but often overlooked until there is an emergency at which point, they might just save our lives.

The wide range of LIFECO product offers a powerful and sophisticated range of Analogue Addressable, Conventional and Extinguishant Control Panels available intelligent and technically robust. It ensures to meet the current and future needs exacting costumer's specifications from small to larger buildings and installations.

Matrix Addressable Fire Alarm System

Matrix Fire Alarm Control Panel

· UL Listed (Tenth Edition)
· 2 to 8 loop or 2 to 16 loop versions
· Single or Double Aperture (includes zone LED module & Printer)
· Modular and expandable electronics
· 4 programmable NACs; Class B or 2 Class A
· 7 inch, full-color resistive touch screen with intuitive user interface
· Power supply options (5.25A or 10.25A)
· Programmable (3) Inputs & (5) Relay Outputs
· Can be networked with programmable functionality
· Coincedence OR and AND operators in cause and effect
· Programming via USB or PC

The new Matrix product range fire alarm control equipment combines the very latest hardware & software to produce a control indication system, which is powerful & sophisticated, also simple to use and understand.

The 7" touch screen provides a clear, uncluttered and intuitive interface so the end user requires minimal training. Available in 4 slot and 8 slot variants, each slot supporting a 2 loop detection card, the Matrix fire control panel ranges from 2 to 16 detection loops. Network up to 127 panels, making it ideally to all buildings whether for a small system or large complex.

Matrix Network Vision Annunciator

LF-MC00NC-10

· Robust, full color, 7" 800 x 480 touch screen graphical display
· Replicates information displayed at the panel
· Internal buzzer
· Connects via control panel network terminals
· Low current, 24V DC powered
· Enable key-switch
· Surface or semi-flush enclosure options available

Matrix Optional Panel Peripherals

Description	Model No.
Dual Loop Panel Module	LF-M-S758
16 Channel I/O Interface	LF-M-K1171-00
Media Gateway Panel Module	LF-M-S788
8 Channel Relay Panel Module	LF-M-S791
Network Module	LF-M-S723
Printer	S768
Zone LED Module	S771
5.25 Amp power supply	LF-M-S406
10.25 Amp power supply	LF-M-S408

Scan the code for more information.

For more details please visit our website www.lifeco-uk.com

Compatible Devices for Matrix Series

Photoelectric Smoke Sensor

LE-ALN-V

The Photoelectric Smoke Sensor is suited to detecting optically dense smoke typical of fires involving materials such as soft furnishings, plastic, foam, or other similar materials, which tend to smolder and produce large visible smoke particles.

Fixed Temp/ROR Heat Sensor

LE-ATJ-EA

The Fixed Temperature/Rate-of-Rise sensors provide accurate temperature measurement data to the fire alarm control panel. These sensors are well-suited for environments where dust, cooking fumes, or other factors make the use of smoke sensors impractical.

Multi-Criteria Sensor

LE-ACC-V

The Smoke & Heat Multi-Criteria Sensor is particularly suited for detecting smoke produced by a wide range of combustibles found in various applications. Temperature monitoring is achieved by a thermistor placed for optimum sensitivity.

Multi-Criteria Sensor

LE-ACD-V

The CO, COHb, Smoke, & Heat Multi-Criteria Sensor is particularly suited for detecting smoke produced by a wide range of combustibles found in various applications it is also suited for detecting deadly levels of CO.

6" Analog Sounder Base

LE-ASB
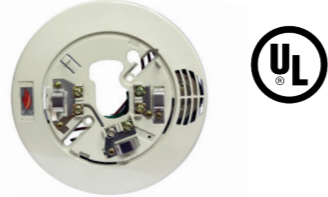
LE-ASB is designed to use with Analog Sensors. Each base is connected to a DCP SLC, it provides an audible alarm in the immediate vicinity. Configurable and programmable.

Analog Sensor Bases

LE-YBN-NSA-4 / LE-HSB-NSA-6

The sensor mounting base allows complete compatibility to use with analog sensors, this common mounting bases are electronics free. It contains a screw terminals for wiring connections & anti-tamper head locking system.

Addressable Modules
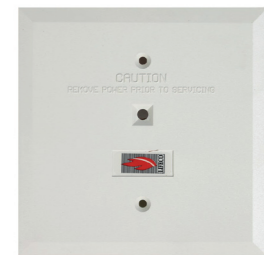
Description	Model No.
Fast Response Contact Module	LE-DCP-FRCMA/I
Dual Input Monitor Module	LE-DCP-DIMM
Short Circuit Isolator	LF-DCP-SCI
Supervised Output Module	LF-DCP-SOM-A/I
Dual Relay Output Module	LF-DCP-R2ML/-I & LF-DCP-R2MH/-I
Conventional Zone Module	LE-DCP-CZM
Releasing Module	LE-DCP-SOM-R

Addressable Manual Pull Stations

LE-DCP-AMS / LP

LIFECO series of addressable manual pull stations that provide a fast and practical means of manually initiating a fire alarm signal. Both single action and dual action manual pull stations are available.

Compatible Devices for Matrix Series

WP Manual Pull Station

LE-HPS-SAH-WP

The LIFECO LE-HPS-SAH-WP Weatherproof Manual Pull Station is a conventional initiating device suitable for applications requiring outdoor mounting. It is appropriate for applications where the manual pull station may be subject to wet conditions.
- Device can be compatible using addressable interface module.

Photoelectric Smoke Detector

LE-SOE-24V

The LE-SOE-24V is suited for all open areas where smoke detection is required. The new multi-spectrum smoke categorization technology detects smoldering and flaming fires, including polyurethane fuels, while reducing nuisance cooking alarms.
- Device can be compatible using addressable (LE-DCP-CZM) interface module.

Smoke/Heat Detector

LE-SOE-24H

Combination smoke and heat detector are well-suited for environments where there is smoldering and flaming fires, including polyurethane fuels, while reducing nuisance cooking alarms.
- Device can be compatible using addressable (LE-DCP-CZM) interface module.

Fixed Temp/Rate of Rise Heat Detector
LE-DCD-135/190

Choice of fixed temperature/rate of rise 135F° or 190F° heat detector. It is suited to detect presence of slow or fast rising temperature due to burning combustibles, if heat rises greater than 12°/minute detector will alarm.
- Device can be compatible using addressable (LE-DCP-CZM) interface module.

Fixed Temperature Heat Detector
LE-DFE-135/190

Choice of fixed temperature 135F° or 190F° heat detector. It is suited for installation where high heat output fires are expected or in areas where ambient conditions would not allow use of other detection methods.
- Use LE-HSC-220 compatible detector base.
- Device can be compatible using addressable (LE-DCP-CZM) interface module.

Projected Beam Smoke Detector
LE-SPC-24

Projected type smoke detector consists of emitter and receiver, it should be placed so that smoke generated by a fire will likely rise into the path of the beam. Up to 328 feet range detection. Built-in alarm relay for interfacing.
- Device can be compatible using addressable interface module.

Conventional Sounder

LF-1010RSX

MADE IN UK

Suitable for conventional sounder circuits,notification alarm circuits and 2-Wire alarm systems. Can be flush mounted using standard electrical single gang back-box and surface mounted with the default backbox.

Conventional Sounder with Beacon
LF-1110RSR

MADE IN UK

Used as an ancillary visual alarm in fire systems; It is suitable for conventional and 2-wire fire systems as well for general alarm and signalling systems It is designed to fit any recessed single gang box, giving a flush finish or surface mounted with the default back box.

Conventional Fire Alarm Bell

LFB16, LFB18 & LFB110

Alarm bell is a low power consumption & a microprocessor base design with high dBA sound output, available in 6", 8" & 10" housing. Quickly and easily to installed. (optional WP back-box for outdoor application)

White Eagle Conventional Fire Alarm System

White Eagle Control Panel

Eagle 1/2/4/8/12/16

The Panels are solid state circuiting and is designed perfect solution to any conventional system requirement for industrial and commercial application. With its architecture providing 1 to 16 fixed zones, the system can installed ranging from small building to large constructions. Supports up to 32 detectors per zone & unlimited number of call points.

Smoke Detector

S30

An optical-smoke detector with digital processing algorithm. The detector is designed to detect smoke in the very early stage of the fire situation.

The S30 is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.

Heat Detector

F10

A fixed temperature detector with digital processing algorithm. The detector is designed to detect temperatures above 60°C (class A2S, according EN54-5).

The F10 is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.

Manual Call point

MCP50

Manual Call point esigned to work in conventional fire alarm systems. The call point has a resettable fragile working element to ensure reliable and safe operation. The LED indication informs the user for fire and test events.

Conventional Fire Alarm Bell

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MADE IN UK

Conventional Fire Alarm System

Remote LED Indicator

LFR100

The LFR-100 LED remote indicator is an attractive device used in installations where a detector going to alarm is likely to occur behind a locked door, inaccessible rooms, or in a ceiling void to provide indication of the activation of a fire detector.

Projected Beam Smoke Detector

LE-SPC-24

Projected type smoke detector consists of emitter and receiver, it should be placed so that smoke generated by a fire will likely rise into the path of the beam. Up to 328 feet range detection. Built-in alarm relay for interfacing.

Stand-alone Smoke Detector

LF-SD-41

Stand-alone smoke detector. Photoelectric technology more sensitive at detecting large particle fires. 9vdc battery operation, include piezoelectric horn 85dB@10 feet, single button test/silence.

Operating voltage DC9V Battery or AC110-220V.

Stand-alone Heat Detector

LF-HD-42

The heat part is made up of an externally mounted thermistor with a specially designed cover that protects the thermistor while allowing maximum air flow. The thermistor reads the temperature from the air it takes in and transmits a signal representing the temperature to the MCU. Temperature. Trip Point 57°C(135°F)±3°C

Operating voltage DC9V Battery or AC110-220V.

Stand-alone Gas Detector

GLF-GDW

LIFECO introduce GLF-GDW High Performance Gas Detector used to detect Liquified Petroleum Gas (LPG). GLF-GDW finds applications in domestic gas safety, commercial kitchens, schools, colleges and many more.

Features:
· Front mounted detector has unique splash guard and dust filter
· IP Rated seals fitted between the front and rear housing
· Can be surface mounted using external mounting feet Possible to first fit during building work
· Sensor housing is sealed from the electronics housing blocking flammable gas
· Standard 2 Gang Fixing Allowing Flush Mounting Using Standard Patress During Building
· 20mm Cable Entry Knockouts Centred to Allow Easy Drilling For Smaller Entry Holes
· Detector have a 'link' function. Once linked if one GLF-GDW into alarm then all linked units go into alarm

MADE IN UK

Hawk Extinguishant Releasing System

MADE IN UK

Hawk Extinguishant Releasing Panel

LF1810-12 & LF1810-13

The LIFECO HAWK extinguishant releasing panel provides outstanding value and performance for all small to medium fixed firefighting installation. With three zones as standard, extinguishant release can be configured to activate from any combination of detection zone inputs. HAWK panel are robust and easy to install having all electronics mounted on a single, easily removable steel plate.

Ancillary PCB

LF1822-10

The ancillary board provides volt free normally open contacts allowing of sub-system and plant remotely from main panel over two wire data bus. Up to 7 per system mixture of ancillary PCB & Status Indicator connected to the serial bus.

Status Indicator

LF1821-XX

Status indicator provide detailed status information of HAWK releasing panel. It provide LED indication of manual, manual & automatic, abort operated, disablement, imminent and releasing condition.Countdown timer shows remaining time until release.

Abort Switch

LF1823-10

Abort switch is capable of aborting the releasing operation. Any number of abort may be connected to the circuit, the last switch must have the EOL to provide supervision. Include back box for surface mounted.

Manual Disablement Switch

LF1832-10

Extinguishant disablement switch will mechanically disable both side of solenoid circuit during activation. Disablement illuminated at panel when active. Key removable in either position.

Photoelectric Smoke Detector

LE-SOC-24V

LE-SOC-24V detector is a computer designed non-direction smoke chamber, utilizes an infrared LED light source and silicon photo diode receiving element in the smoke chamber. Two bicolored LED's for indication of status.

Fixed Temp/Rate of Rise Heat Detector

LE-DCD-135/190

Choice of fixed temperature/rate of rise 135F° or 190F° heat detector. It is suited to detect presence of slow or fast rising temperature due to burning combustibles, if heat rises greater than 12°/minute detector will alarm.

Fixed Temperature Heat Detector

LE-DFE-135/190

Choice of fixed temperature 135F° or 190F° heat detector. It is suited for installation where high heat output fires are expected or in areas where ambient conditions would not allow use of other detection methods. Use LE-HSC-220 compatible detector base.

Conventional Detector Bases

LE-NS4-220, LE-NS6-220 & LE-HSC-220

The base LE-NS4 & LE-NS6 are designed for use with models: LE-SOC-24V, LE-SLR-24H, LE-DCD-135/190

LF-HSC-220 base compatible to use in LE-DFE-135/190 detector

Extinguishant Releasing System

Sounder with Beacon

LF-1110RSR

Used as an ancillary visual alarm in fire systems; It is suitable for conventional and 2-wire fire systems as well for general alarm and signalling systems It is designed to fit any recessed single gang box, giving a flush finish or surface mounted with the default back box.

Dual Action Manual Pull Station

LE-HPS-DAH

LE-HPS-DAH is constructed of a solid die cast housing and comes in glossy red. Dual action with hex key lock and enclosed switch with glass rod (included). 10A @120vac rated contact.

Conventional Fire Alarm Bell

LFB16, LFB18 & LFB110

Alarm bell is a low power consumption & a microprocessor base design with high dBA sound output, available in 6", 8" & 10" housing. Quickly and easily to installed. (optional WP back-box for outdoor application)

Emergency & Exit Lights

Description	Emergency Light	Emergency/Exit Light	Emergency Light	Twin-heads Emergency Lights
Model	LF-LED-500C	LF-LED-500F	LF-LED-600A	LF-LED-600B
Operation Mode	Maintained/Non maintained	Maintained/Non maintained	Non maintained	Non maintained
Input Voltage	AC120V-277V (50Hz/60Hz)	AC120V-277V (50Hz/60Hz)	AC120 –347 V (50Hz/60Hz)	AC120 –347 V (50Hz/60Hz)
Input Power	5W (Maintained) 1.5 (Non-maintained)	5W (Maintained) 1.5 (Non-maintained)	2.5W	2.5W
Battery	Ni-Cd SC3.6V 1.5Ah	Ni-Cd SC3.6V 1.5Ah	SC 3.6V/1800mAH (Ni-Cd)	SC 3.6V/1800mAH (Ni-Cd)
Lamp	27pcs SMD 2835/0.2W	27pcs SMD 2835/0.2W	24pcs SMD 2835	24pcs SMD 2835
Emergency Lumen	> 130LM	> 150LM	> 180LM	> 180LM
Charge Time	24 Hours	24 Hours	24 Hours	24 Hours
Emergency Duration	3 Hours	3 Hours	3 Hours	1.5 Hours
Degree of Protection	IP65	IP65	IP20	IP20
Operating Temperature	0°C – 40°C	0°C – 40°C	0°C – 40°C	0°C – 40°C
Housing/Cover	PC	PC	Flame Retardant ABS	Flame Retardant ABS
Dimension	352×110×68MM	352×110×68MM	L267×W59×H90MM	L365×W109×H85MM
Mounting type	Wall/Ceiling	Wall/Ceiling	Wall mounting type	Wall mounting type

Fire Sprinkler System

For nearly a century and a half, automatic sprinklers have been the most important single system for automatic control of hostile fires in buildings. Many desirable aesthetic and functional features of buildings that might offer concern for fire safety because of the fire growth hazard can be protected by the installation of a properly designed sprinkler system. Among the advantages of automatic sprinklers is the fact that they operate directly over a fire and are not affected by smoke, toxic gases, and reduced visibility.

LIFECO has a vast range of sprinkler head available; Pendent, Upright, Horizontal sidewall and Concealed type sprinklers with different K-factor to use in any type of application. In addition, Our range of product holds certificates by UL (Underwriters laboratories) and has FM (Factory Mutual) approval, in products where it is applicable.

Sprinkler Heads

Pendent & Upright Sprinkler

LF311, LF321, LF310 & LF320

· Glass bulb
· K-factor 5.6
· Quick & Standard Response
· Available Temp Rating :
  135°F/ 155°F/ 175°F/ 200°F / 286°F
  (57°C/ 68°C / 79°C/ 93°C/ 141°C)
· 1/2" NPT Thread Size

Horizontal Sidewall Sprinkler

LF340 & LF341

· Glass bulb
· K-factor 5.6
· Quick & Standard Response
· Available Temp Rating :
  135°F/ 155°F/ 175°F/ 200°F / 286°F
  (57°C/ 68°C / 79°C/ 93°C/ 141°C)
· 1/2" NPT Thread Size

Pendent & Upright Sprinkler

LF411, LF421, LF410 & LF420

· Glass bulb
· K-factor 8
· Quick & Standard Response
· Available Temp Rating :
  135°F / 155°F/ 175°F/ 200°F / 286°F
  (57°C / 68°C / 79°C/ 93°C / 141°C)
· 3/4" NPT Thread Size
· 286°F/141°C Available in Quick Response

Concealed Pendent Sprinkler

LF820 & LF821

· Glass bulb
· Standard Spray Pattern
· K-factor 5.6
· Quick & Standard Response
· Available Temp Rating :
  155°F / 200°F (68°C/93°C)
· Cover plate available in chrome & white
· 1/2" NPT Thread Size

Escutcheon Plate

LF-ESC/1 & LF-ESC/2

One and two piece Escutcheon plate is designed to enhance the appearance of the pendent and the sidewall sprinklers when installed below the ceiling or on the wall. Escutcheon Plate provided a decorative closure of the annular space between the sprinkler and the wall.
** Available in White Colour

Fire Sprinkler System

Open Nozzles

High & Medium Velocity Nozzles
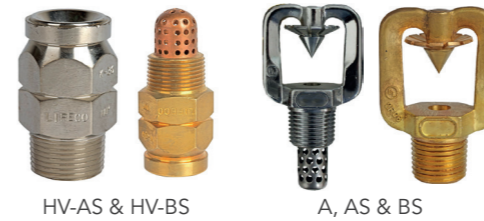
HV-AS & HV-BS   A, AS & BS

· For high and medium velocity water application for protection of storage tank and electric transformer.
· Size 3/4" BSPT or NPT for High Velocity Nozzles
· Size 1/2" BSPT or NPT for Medium Velocity Nozzles
· Available K Factor: 18, 22, 30 , 35, 41, 51, 64, 79, 91, 102
· Available Spray angle: 65°, 80°, 90°, 100°, 110°, 120° &140°

Test & Drain Valve

UL&FM: LF-TD/32-UL & LF-TD/25-UL
UL: LF-TDV/25/32/38/50
· Female NPT inlet and outlet
· Threaded to BS21 or ANSI B1.20.1
· BRASS ASTM C85700
· Working pressure 175PSI
· Cast brass valve
· 1" - 2" Size Connection

Pressure Gauge

LF-PGX

· Designed for fire sprinkler systems
· Suitable for air and water media
· Stainless Steel Case
· Dual scales (300psi/21bar)
· Internal pointer over-travel stop
· ASME B40.100 compliant
· 1/4" Threaded connection
· 3.5" Dial

Sprinkler Guard

LF-SG12

LIFECO Sprinkler Guard are hard-wire cages designed to encase the sprinklers and protect them from mechanical damage.
· Available Sizes - 1/2" and 3/4" Sprinkler

Flexible Sprinkler Hose

Braided & Unbraided

LPB-B, LPB-D, LPN-A & LPN-C

Can be installed quickly without large and expensive tools.

Available product length: 700, 1000, 1200, 1500, 1800mm

Sprinkler Wrench

LF-SW-01 & LF-SW-02

Used for installing LIFECO sprinklers; Upright, Horizontal Sidewall, Pendent, Clean-room type and Flush type sprinkler head.

LF-SW-02 is used for LF820 & LF821 - Concealed Sprinkler

Sprinkler Cabinet

LF-SC-01

Available in different sizes which allows storage of 6, 12, 24 & 36 sprinklers along with appropriate size wrench and tools.

Air Release Valve

LWR104

· Sizes: 3/4" & 1"

This valve is used as a backup just in case the water pressure or flow is not as required due to certain situations. Tested under the pressure of 350 psi.

Standpipe System

Angle Hose Valve

LF-AH-15/20/25/30
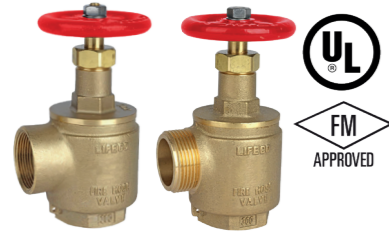
· Working Pressure 300 PSI
Angle hose valve manufactured in accordance with UL668 Hose valve fire protection service is used as fire department outlet or with a hose rack assembly. Available size 1 1/2 "& 2 1/2"

*Cap with chain is optional
*Chrome finish available

Pressure Restricting Angle Hose Valve

LF-RV-AH15/20/25/30

Used with a fire hose reel or rack assemblies or as a fire department outlet connection. Water pressure is controlled up to 175psi by adjustable flow restriction. Locking pin mechanism restricts unnecessary frill opening of valve. Available size 1 1/2 "& 2 1/2"

*Cap with chain is optional
*Chrome finish available

Fire Department Connection

LF-FDCG & LF-FDCI

We have two models, one is a straight type model LF-FDCG and a 90° type model LF-FDCI which casted from solid brass alloy to extend its service life. Size: 2.5" x 2.5"x 4"

*Available with Wall Plate, Cap and Chain

Hose Reels

LHxxF/AF/SP/ASP/SA/ASA

· Automatic or manual operation
· Available in Swinging Arm, Swinging Pipe & Fixed Type
· Sizes Available : 3/4" & 1" with standard hose length of 30m
· Hose is semi rigid made of rubber

Synthetic Fire Hose

LF4015SJ/DJ & LF4025SJ/DJ

· Available sizes 1 ½" & 2 ½"
· Single Jacket - 200PSI
· Double Jacket - 300PSI
· NST/Morris Quick coupling end connection
· Available Color: Red, White & Yellow,
· Hose Length: 15m and 30m

Hose Rack

LFD-HRA-1515L/2515H

· Semi-automatic Hose Rack for use with stand pipe systems of 2½" w/ 1½" or 1½" w/ 1½" lined fire hose of 100ft max.
· Max Service Pressure: 150 or 175 psi

Adjustable Type Hose Nozzle

LF-SHN40/LF-SHN65

· Available sizes: 1 ½ and 2 ½ inch.
· Adjustable fog, straight stream and shut off
· Finish: Brass
· Thread: NST (quick coupling adaptor)
· Nozzle pressure rating: 100 psi
· Service Range: 20 ~100 psi

Pressure Reducing Valve

LF-PRV-1-BSP& LF-PRV-1-NPT

Mainly used to reduce the pressure at the inlet of the hose reel to the nominal working pressure.Material: Brass (Bronze available on request) Working Pressure: Inlet pressure up to 20 bar and outlet pressure between 1 to 5 bar

Lock Shield Valve

LF-LSV

· Inlet: 1" F BSP
· Outlet: 1" F BSP
· Pressure rating: PN 20

The lock shield valves are installed usually in the fire hose reel and the valve can be opened only by the key.

Fire Cabinets

Single Door Hose Rack Enclosure

LFD-HRC-150

Single Door Hydrant Enclosure

LHC750 & LHC800

Single Door Foam Enclosure

LF-9000

Single Door Rubber Hose Enclosure

LF300

Rubber Hose & Extinguisher Double Door Enclosure

LF600

Vertical Double Door Enclosure

LF900

Single Door Synthetic Hose Enclosure

LF4000 & LF5000

Horizontal Double Door Synthetic Hose Enclosure

LF4200 & LF5200

Single Door Hose Rack

LF150, LF200E & LF200EV

LIFECO cabinets are made from Galvanized steel with the sheet thickness of 1.0 to 2.0 mm or stainless steel with the sheet thickness of 1.0 to 1.5 mm & also available with Brush or Mirror finish (304 & 316 Grade). The lock mechanism is either lock type, key type or turn handle.

All Cabinets models are available in Recessed, Semi-Recessed and Surface Mounted type.

** All cabinets can be customise upon clients requirement.

Fire Protection Valves

LIFECO has a vast selection of Fire protection valves that includes; Alarm Check Valve, Deluge Valve, Butterfly valve, Gate valve (NRS and OS&Y), Check valve, in addition to that the range also have Indicator posts and Strainers.

LIFECO Fire Fighting Valves System are built to high-quality standard and holds approval by UL (Underwriters laboratories) and have FM (Factory Mutual) approval, where applicable.

Gate Valves

OS&Y Gate Valves

Model No.: 3299-300, 3199-250, 3199-200

The OS&Y Gate Valve features a stuffing box seal system along with corrosion protection. OS&Y gate valves operate by opening and closing via a gate, which lowers into or rises out of the valve

· Complies with AWWA C515 Standard
· NPT plug on body
· Flanges to ANSI B16. 1 Class125
· 300 PSI Working pressure
· -10°C to 120°C Working temperature
· Ductile Iron Body
· Sizes: 2.5", 3", 4", 5", 6", 8", 10",12", 14", 16",18", 20" & 24"

NRS Gate Valves

Model No.: 3288-300, 3188-250, 3188-200

NRS gate valve is developed to be used as the cut off and zone control valves in order to substitute supervisory switched butterfly valves and OSY rising stem valves in the fire security systems.

· Complies with AWWA C515 Standard
· High quality graphite stem seal
· NPT plug on body
· 300 PSI Working pressure
· -10°C to 82°C Working temperature
· Sizes: 2.5", 3", 4", 5", 6", 8", 10",12", 14", 16",18", 20" & 24"

Valves Accessories

Ext. Spindle & Service Box
LF-ESB1 & LF-ESB2

· LF-ESB1: 150≤H1≤1000, LF-ESB2: H1≥1000.
· H1-dimension shall be supplied on order.
· Valve operated by T-key.

For use with NRS gate Valve

T-Key

T-Key for use with non-rising stem (NRS) gate valves

Handwheel

For use with NRS gate Valve

Butterfly Valves

Wafer Type - Gear Operated
2305-300-LF

· Vulcanized seat design for bubble-tightshutoff at 300PSI
· Low torque operation, high cycle life
· With built in supervisory switch
· UL Listed for size 2" - 12"
· FM Approved for 2" - 6"

Grooved Type - Gear Operated
2905-300-LF

· Flag type position indicator
· Low torque operation, high cycle life
· With built in supervisory switch
· UL Listed for size 2" - 12"
· FM Approved for 2" - 6"

Check Valves

Swing Type - Flanged Ends
5201-350-FLF

· Complies with AWWA C508 standard, Full waterway design
· 350PSI Working pressure
· Flanged to ASME B16.1 Class 125, EN 1092-2 PN 16
· Sizes: 2",2.5",3",4",5", 6" ,8",10"& 12"

Swing Type - Grooved Ends
5905-300-GLF

· Ductile iron disc EPDM encapsulated
· 300PSI Working pressure
· Sizes: 2.5", 3", 4", 5", 6", 8", 10" & 12" - UL Listed
· Sizes: 2", 2.5", 3", 4", 5", 6", 8", 10" & 12" - FM Approved

Wafer Check Valve
5211-175-FLF

· Soft seated for perfect tightness even at low differential pressure
· Flange to ANSI B16.1 Class 125
· 175PSI Working pressure
· Sizes: 4", 6", 8", 10" & 12"

Strainers

Y-Strainer - Flanged Ends
6201-175-FLF

· NPT or BSPT blowoff outlet on cover. Blowoff outlets are finished with plugs
· 175PSI Working pressure
· -10°C to 120°C Working temperature
· Flanges to ANSI B16. 1 Class125 (other flange type available upon request)
· Sizes: 2.5", 3", 4", 5", 6", 8", 10" & 12"

Y-Strainer - Grooved Ends
6201-175-GLF

· NPT or BSPT blowoff outlet on cover. Blowoff outlets are finished with plugs
· 175PSI Working pressure
· -10°C to 120°C Working temperature
· Groove dimension comply with Metric or AWWA C606 standard.
· Sizes: 2.5", 3", 4", 5", 6", 8", 10" & 12"

Strainer - Basket Type
6301-200-FLF

· Screens are perforated 304 stainless steel with spot welded seam
· -10°C to 82°C Working temperature
· Flanges to ANSI B16. 1 Class125
· 200PSI Working Pressure
· Sizes: 3", 4", 5", 6", 8", 10" & 12"

Indicator Post & Breeching Inlet

Vertical Type Indicator Post

LF-IP555

· Meet the requirements of NFPA 24 Standard.
· Indicates the Valve OPEN or SHUT Position.
· Target Nut to allow 13 to 45 Turns.
· Protected Windows.
· Used with 4" - 14" NRS Valves

Wall Type Indicator Post

LF-WP777

· Meet the requirements of NFPA 24 Standard.
· Indicates the Valve OPEN or SHUT Position.
· Target Nut to allow 13 to 45 Turns.
· Protected Windows.
· Used with 4" - 14" NRS Valves

Breeching inlet

LWR 095 & LWR 115

2-Way and 4-Way Breeching Inlet body is made of spheroidal graphite iron according to BS 2789 or Cast Iron to BS 1452. The outlet flange is according to BS 4504 and inlet is according to BS Instantaneous Male.
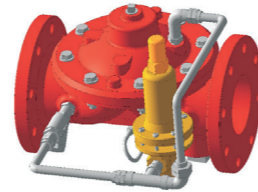
Zone Control Valves

LF-ZCV

Designed to operate utilizing electrical service for actuation. supply enters the building. In the simplest system a single shut-off valve may be located at the point where the water supply enters the building.

**UL & FM Accessories, where applicable.

Pressure Reducing Valve

LF-PRC

· Reducing a higher upstream pressure into a lower, constant downstream pressure
· Adjustment Range of Outlet Pressure: 65 to 165 psige
· Can be maintained without removal from the pipe line.
· Valve Sizes 2", 2.5", 3", 4", 5", 6", 8", 10" and 12"
· Valve body: Ductile Iron
· Working Pressure: 300psi

Fire Hydrants

Fire hydrants are connection point by which firefighters can tap into a supply of water when battling fire.

Dry Barrel Hydrant

LF-FM1510A / LF-FM1510B

· Standard pumper 4.5" and hose nozzle 2.5" thread - 4" Pumper Connection is optional
· Multiple bury lengths available
· 250PSI Working pressure
· -10°C to 82°C Working temperature
· Internally and externally liquid epoxy painted corrosion protection
· Hydrant Size: 6"

Wet Barrel Hydrant

LF-WBHM- 00/115 / LF-WBHX-100/115

· Manufactured in accordance with AWWA C503 standard
· (1) 4.5" Pumper nozzle, (4"Pumper Connection is optional) (2) 2.5" Hose nozzles, (3) 4" Monitor Flange - Option
· 250 PSI Working Pressure
· -10°C to 82°C working temperature
· Hydrant Size: 6"

Wet Barrel Hydrant

LFH–50-100 & LFH–50-150

· The 4"& 6" shell hydrant is made according to BS750 Standard
· Two numbers of 2½" hydrant landing valves w/ cap and chain are provided with hydrants.
· Other presssure rating are available up on request.
· Ductile hydrants available upon request .

Alarm Check Valves

LIFECO Wet Alarm valves includes trim packages valves, gauges, pressure switch, fittings and nipples to provide retard chamber connection, drain connections and alarm test bypass.

Alarm Check Valve - Wet Pipe

LF-WAV100BF/PF/BG, LF-WAV150BF/ PF/BG & LF-WAV200A

· Anti-corrosive Trim
· Cast iron body for extra hydrostatic strength
· Quick removal and easy service for rubber-faced clapper
· Max working pressure : 175psi for 4" & 6", 250psi for 8"
· UL for sizes 4" & 6" and 8"

Alarm Check Valve - Wet Pipe

A

· Size : 4" & 6"
· Maximum working pressure : l 75psi
· Hydro test pressure : 100% at 350psi

Model A is to be used in wet pipe sprinkler installations in buildings not subject to freezing temperatures.

Double Interlock Preaction Valve

The Double Interlock Preaction System with Electric/ Electric Release is generally used to protect water sensitive areas such as computer rooms, storage areas, refrigerated areas etc., to avoid water damage due to inadvertent flooding of the sprinkler system piping.

Model No: LF-DIPA
· Size: 2", 3", 4", 6" & 8"
· Solanoid Valve: 24V DC, UL Listed
· Automatic Air Supervisor: Oil-less Riser mount Compressor
· Maximum Working Pressure: 17.5 Bar (250 PSI)
· Valve End Connection: Flanged or Grooved

Deluge Valve

The deluge valve intended for installation in a piping system to supply water automatically to deluge and preaction sprinkler systems for fire protection services. LIFECO Deluge Valves are covered by these requirements are intended for installation and use in accordance with NFPA11, NFPA 13, NFPA 14, NFPA 15 and NFPA 16.

· Model A
· Available nominal size: 2", 3", 4", 6" & 8"
· 12 Bar (175 PSI) Pressure
· 90° pattern inlet to outlet vertical mounting
· Specialized Smoke Chamber Design
· Galvanized Steel with Brass Valves Trim
· 25 bar (350psi) Hydrostatic test pressure

Switches

Supervisory Switch

LF-SSOSY-1/2/3 &
LF-SIP-1/2/3

· Contact rating: 10A @
  125/250VAC,2.5A@30VDC
· IP 66
· One or Two sets of SPDT
· Case type - Metal

Designed to monitor the open position of an OS&Y type gate valve & Post Indicator.

Pressure Switch

LF-PS10/40/120

· Contact rating: 10A @
  125/250VAC,2.5A@30VDC
· IP 67 & 300 PSI Max
· One or Two sets of SPDT
· Case type - Metal

Detects the waterflow in automatic fire sprinkler systems of particular designs.

Waterflow Indicator

LFJZL50/65/80/100/
125/150/200

· Flow sensitivity range: 4-10 GPM(15-38LPM)
· Contact rating: 8A@250VAC,3A@24VDC,
  2.5A@ 30VDC
· Working Pressure: 450PSI
· Designed for both indoor and outdoor use.
· Case type - Metal
· Sizes - 2", 2.5",3", 4", 5",6" and 8"

Foam System

Foam Master

LIFECO Foam Master are ideal for rapid deployment of foam to flammable liquid fires and chemical spills. It can be operated by one person.

Foam Bladder tank

LIFECO Foam Bladder Tank Proportioning System is designed to inject foam concentrate into a suitable water supply and automatically proportion foam concentrate over a wide range of flows and pressures.

Foam Concentrate

LIFECO foam liquid concentrates include fluoroprotein, film-forming fluoroprotein (FFFP), aqueousfilm-forming foam (AFFF), and other synthetic-based materials.

Fire Fighting Pumps

Fire pump systems have has become an integral part of any all establishments as it is the first line of defense and safety against fire. LIFECO fire pump systems are built as per international standards and certified by UL and FM to provide optimum safety.

Every fire pump system produced goes through quality and testing process to ensure it meets the required level of compliance standard.

Fire Pump Diesel Driven Skid

· Well aligned and Coupled for Direct Operation.
· Skid Packages are Pre-Tested and Inspected thoroughly
  before release to customers.
· Engineered, coated, hot rolled mild steel to resist corrosion
  and abrasion.
· Heavy Fabricated C-Channel Structure constructed to provide
  proper alignment of Pump with Diesel Engine or Pump.
· Compact skid Design with Small Foot-Print for Retrofit.
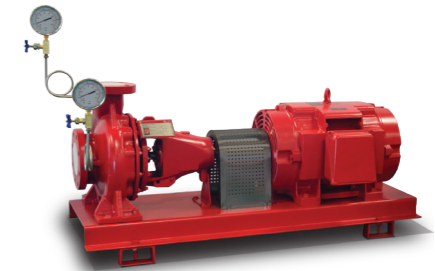
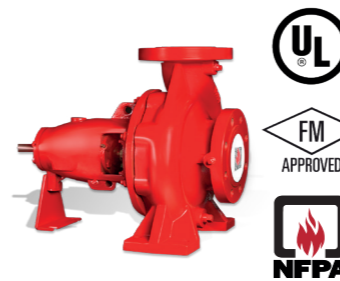### Fire Pump Electric Driven Skid

· Driven by UL Listed Electric Motor.
· Well aligned and Coupled for Direct Operation.
· Skid Packages are Pre-Tested and Inspected thoroughly
  before release to customers.
· Engineered, coated, hot rolled mild steel to resist corrosion
  and abrasion.
· Compact skid Design with Small Foot-Print for Retrofit.

End Suction Fire Pump

Capacity: 50 GPM to 1000 GPM
Working Pressures: 60 to 234 PSI
Speed (rpm): 3500, 3600, 2900 & 3000
Frequency Rated: 60 | 50 cycle

· Compliance to NFPA 20 Design
  Requirements
· Wide Range of Flows and Pressures
· Available in Electric Motor and Diesel
  Engine driven configuration
· Hydrostatic and Certified Performance Tests
· Suitable for Commercial, Industrial and
  Buildings.

Splitcase Fire Pump

Capacity: 150 GPM to 3500 GPM
Working Pressures: 88 to 335 PSI
Speed (rpm): 1800, 1760, 3500 & 3600 |
1480, 1500, 2900 & 3000
Frequency Rated: 60 | 50 cycle

· Volute Type Thru-Bore Casing
· Frame-Mounted Design
· Small Footprint Ideal for Retrofit
· Dynamically Balanced
· Double Suction Impeller
· Heavy Duty With Heavy Wall Thickness
· 100% Hydrostatic & performance Tested

Vertical Turbine Fire Pump

Capacity: 200 GPM - 2000 GPM
Pressures: 40 - 355 psi
Speed (rpm): 1760, 3500 & 3600 |
1480, 1500, 2900 & 3000
Frequency Rated: 60 | 50 cycle

· Dynamically Balanced Impeller extends
  bearing life and ensures smoother
  operation.
· Designed and built as per UL 448 and
  NFPA20 for maximum reliability.
· Available in 50 Hz and 60 Hz.
· Open line shaft, water lubricated
  construction for ease of maintenance.
· Self-Venting Design eliminates vapor lock
  and the need for automatic air release
  valve.

Fire Fighting Pumps

Diesel Tanks

All LIFECO Steel Above ground Tanks for flammable and combustible Liquid are assembled and tested to all requirements.

Fire Pump Controller

All Fire Pump Controllers are factory assembled, wired, and comply to all requirements of the latest edition of NFPA-20 (Centrifugal Fire Pumps) and NFPA-70 (National Electrical Code).
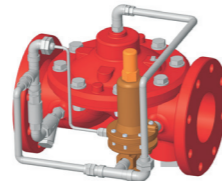
Gmax Jockey Pump

Jockey pump is a small motor driven pumps used in conjunction with main fire pumps to compensate for minor leaks in the fire protection system.

Pressure Relief Valve

LF-PRF

Limits pipe line pressure by release excess pressure
· Inlet pressure adjustment range: 65-180psi
· Can be maintained without removal from the pipe line
· Rated Working Pressure: 300 psi
· Adjustment Range of Set Pressure:65 to 180 psi
· Valve Sizes: 2", 2.5", 3", 4", 5", 6", 8", 10", 12"
· Body Ductile Iron

LIFECO Custom Engineered Fire Pumps

LIFECO Custom Engineered Fire Pumps are preassembled Packages with Complete Skid Mounted Unit that includes Horizontal End Suction/Split case Pumps that coupled with LIFECO HITEC motor driver & LIFECO MEGA FORCE engine driver that assembled with Jockey pumps & full discharge line control Gate valves & Check Valves along with flexible joints, Pressure Switches & Pressure Gauge fitted on Supported Header, where all pre-piped, wired, & fabricated in Common Compact Skid and Fully Automatic Operated through the Control Panel.
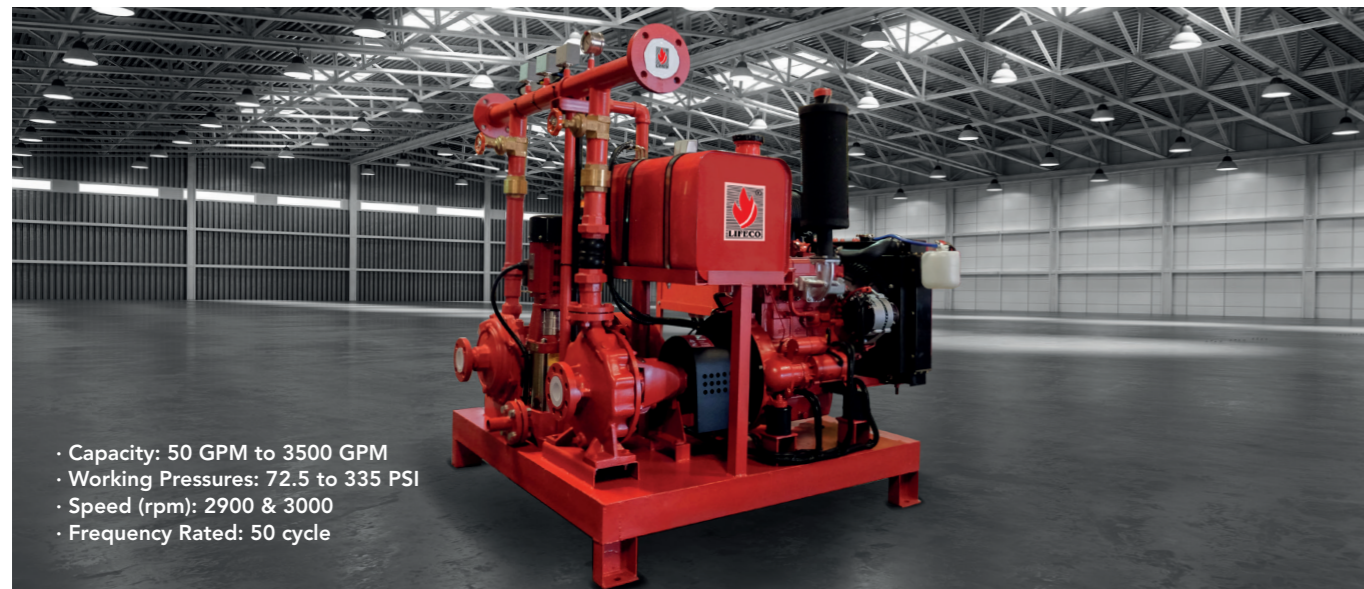
· Capacity: 50 GPM to 3500 GPM
· Working Pressures: 72.5 to 335 PSI
· Speed (rpm): 2900 & 3000
· Frequency Rated: 50 cycle

LIFECO Clean Agent Suppression System

LIFECO 227ea

Hepta Flouroprane (HFC227ea) is liquefied compressed Colorless, Odorless, Electrically non-conductive gas, works to quench fires in seconds & hold damage to a max.

Suppresses Fire primarily by physically cooling flame through removing heat energy, & interrupting the combustion reaction to an extent that cannot sustain itself.

Waterless Fire Suppressant Does not Leave residues, Particulate, Water or Corrosion.

LIFECO 5112

LIFECO 5112 is a Clean Agent Fire Suppression System with FK-5-1-12 (Dodecafluoro-2-methylpentan-3-one). FK-5-1-12 agent is another widely used extinguishing clean agent. It is environmentally safe and best used in fire hazard areas containing A, B, & C classes of fire.

A range of flexibility in its design parameters. Each application requires an individual flow calculation to determine the quantity of LIFECO 5112 required for a specific hazard volume. The area coverage of each nozzle can be calculated using the LIFECO Flow Calculation Software.

Application

Data Center, Telecommunication, & IT Field

Shopping Centers, Hotels & Restaurants

Energy Sector & Auxiliary Industries

Museums, Archives, Libraries & Schools

Health Industry (Laboratories, Drug Stores, X-ray rooms)

Manufacturing Sector

Warehouses & Logistic Centers

Oil, Gas & Hydrocarbon Industry

Features

NO RESIDUE
COST-EFFECTIVE
NON-TOXIC
RAPID ACTING

ECO-FRIENDLY
SHORT ATMOSPHERIC LIFE
ZERO OZONE DEPLETION
GLOBAL WARMING SAFE

Fire Extinguishers

LIFECO's Fire extinguishers are best in class and intended to be used to extinguish or control small fires, often in emergency situations. Not all fires are the same. Different fuels create different fires and require different types of fire extinguishing agents that they are suitable for use on.

Portable Type

ABC Powder
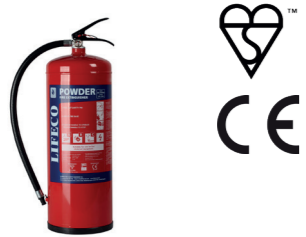
ABC Powder works by firstly applying a coating to the fire which acts like a blanket suffocating the fire.

Wet Chemical

Wet Chemical uses a film forming base with additional secret chemicals and micro drop mist nozzle technology.

AFFF Foam

Aqueous Film Forming Foam (AFFF) works by applying a film forming foam to the fire which causes a blanket over the fire suffocating the fire.

Carbon Dioxide

Carbon Dioxide being an inert gas works by expelling the oxygen and thereby suffocating the fire and is suitable for common industries where small class B.

Water

Water extinguishes by cooling the fire and is the simple, conventional and ever-faithful extinguishing agent.

Water Mist

Water Mist is the ONLY extinguisher in the world of its type to be able to extinguish ALL classes of fire using only water and NO ADDITIVES.

Automatic Type

Powder Automatic Type

PD-Matic is a newly developed product, where in the Dry Powder is automatically ejected through the sprinkler head, after release of the thermo safety device on reaching a temperature of 68°C.

Foam Automatic Type

Automatic Foam Extinguishers (AFFF – Aqueous Film Forming Foam) works by firstly applying a film forming foam (bubbles) to the fire which causes a blanket over the fire, suffocating the fire, while almost simultaneously cooling the fire.

HFC227ea Automatic Type

LIFECO Automatic Fire Extinguishers are intended for use as a stand-alone. They are designed for fire extinguishing using clean agents: LIFECO 227ea to combat fires of A, B, and C classes, and electrical equipment of up to 10,000 V.

Trolley Type

Powder Trolley

Dry Powder Mobile Trolley Extinguishers models represent newly developed designs of pressurized fire extinguishers and are characterized by their high performance and rapid fire knock down capabilities.

Foam Trolley

Mobile Foam Fire extinguishers, available in stored pressure model (TF) and external high pressure CO2 cartridge model (TFC).

Water Trolley

Water Mobile Trolley Extinguishers, fight the risk by cooling the fire and is the simple, conventional and ever-faithful extinguishing agent.

CO2 Trolley

Suitable to use on Class B and Electrical fires.

The CO2 extinguisher is especially effective on electrical fires.

Fire Rated Doors

LIFECO's fire rated doors are made of Galvanized Steel. These doors are designed for areas where strength, stability and durability are a priority. The re doors and frames are manufactured at a state of the art facility. Typical applications include entrances to industrial premises, to shops' service doors, to basements, to stair wells and to elevator shafts. They are also widely used as dividing or external doors in electrical and petrochemical plants.

Types Of Doors: *Single and Pairs Swinging Types Fire Door.*
Sizes : Custom sizes are available up to Maximum 3 Meter X 3 Meter.
Fire Rating : 3 HR, 1-1/2 HR, or 1 HR
Temperature Rise Rating Fire Door (Optional): 30 Min - 450 F Max
Core Material : Honey Comb Core or Ceramic Fiber Core or Fiber Glass
Finishes : Epoxy powder coated

Notes:

LICHFIELD
FIRE & SAFETY EQUIPMENT CO. LTD.

LIFECO

LICHFIELD FIRE & SAFETY EQUIPMENT CO. LTD.

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