



**LICHFIELD**  
FIRE & SAFETY  
EQUIPMENT  
CO. LTD.

# LIFECO 5112 Clean Agent Suppression System



**20** YEARS  
OF EXCELLENCE  
[www.lifeco-uk.com](http://www.lifeco-uk.com)

# 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.



# LIFECO Clean Agent Suppression System



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. LIFECO Engineered System has various sizes of cylinder ranging from 20 lb to 1200 lb with storage pressure 500 PSI. All cylinders are equipped with a back pressure type valve that keeps the FK-5-1-12 Clean Agent under pressure within the cylinder.



# LIFECO Clean Agent Suppression System



## Description

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.

## Engineered Cylinder Filling Data

Part No	Cylinder Size	Weight of the Agent (LBS)	Valve Size
LF 70020-E	20 LB	11-21 LB	1" Valve
LF 70035-E	35 LB	18-38 LB	1" Valve
LF 70070-E	70 LB	36-76 LB	1" Valve
LF 70100-F	100 LB	51-108 LB	1" Valve
LF 70100-E	100 LB	51-108 LB	1 1/2" Valve
LF 70150-E	150 LB	77-163 LB	1 1/2" Valve
LF 70250-E	250 LB	127-271 LB	1 1/2" Valve
LF 70375-E	375 LB	190-406 LB	2 1/2" Valve
LF 70560-E	560 LB	281-601 LB	2 1/2" Valve
LF 70650-E	650 LB	333-712 LB	2 1/2" Valve
LF 70650-F	650 LB	333-712 LB	3" Valve
LF 70800-E	800 lb	420-900 LB	4" Valve
LF 70800-F	800 lb	420-900 LB	3" Valve
LF 71000-E	1000 lb	520-1112 LB	4" Valve
LF 71000-F	1000 lb	520-1112 LB	3" Valve
LF 71200-E	1200 lb	606-1297 LB	4" Valve

## 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



## SCAN ME

*You can scan the code using your smartphone camera  
or download a reader in your app store*

### **LICHFIELD FIRE & SAFETY EQUIPMENT CO. LTD.**

Unit 8, Calibre Industrial Park, Laches Close, Four Ashes,  
Wolverhampton, WV10 7DZ, United Kingdom  
T +44 1902 798 706 F +44 1902 798 679 E [sales@lifeco-uk.com](mailto:sales@lifeco-uk.com)  
[www.lifeco-uk.com](http://www.lifeco-uk.com)

