

A PREMIER FIRE SUPPRESSION CORPORATION



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A GLOBAL FIRE EXTINGUISHING SYSTEM MANUFACTURER

Luke Alexander, a premier fire suppression corporation emerging rapidly in the global market.

Luke Alexander manufactures a full range of clean agent fire suppression system's equipment. The corporation has several manufacturing sites in United States of America and Asia.

LUKE FIRE SUPPRESSION SYSTEMS ENGINEERED SYSTEM

LUKE Engineered fire suppression systems grants consumers flexibility of fully customising for customers with more complex requirements needs such as manual/automatic only, or automatic with manual discharge systems. Our designs are based on engineering systems with the use of advanced computer software to ensure we get the right specifications for our customers.

PRE-ENGINEERED SYSTEM

LUKE Pre-engineered fire suppression systems are pre-fixed installation without the hassle of acquiring and assembling multiple parts. LUKE Pre-Engineered systems have regulated pressure type with a fixed nozzle agent distribution network, pre-determined flow rates and quantities of our Clean Agent. Our pre-engineered cylindered units are designed for total flooding protection against Class A, B and C fires which occur within an enclosed area..

ISO 9001 • UL-LISTED • FM Approved • Ozone Friendly

COMMON APPLICATIONS

- Computer Rooms
- Telecommunications Centers
- Records and Data Archives
- Testing / Imaging Equipment
- Chemical Laboratories
- Clean Rooms
- Flammable Liquid Storage
- Offshore Drilling Rigs
- Robotic Equipment
- Textile Manufacturing
- Electric Utility Facilities
- Media Storage
- Military Vehicles
- Art / Artifacts / Historical Collections



WE ADD VALUE TO YOUR BUSINESS



LUKE CLEAN AGENT FIRE SUPPRESSION SYSTEM

LUKE 227 CLEAN AGENT FIRE SUPPRESSION SYSTEMS

LUKE 227 Clean Agent Fire Suppression System utilizes both pre-engineered and engineered systems. Luke Alexander manufactures both the system hardwares and the Clean Agents.

DETECTION DEVICES & CONTROL UNITS

LUKE Alexander provides a full range of Automatic Detection devices, Manual Release, Pull Stations, Alarms Sounders and Bells with Control Panels. All these products are UL Listed and FM Approved.

FLOW CALCULATION SOFTWARE

LUKE Alexander provides complete Flow Calculation Software for its Engineered Systems. The Flow Calculation Software provides both low pressure and high pressure systems, which enables engineers to perform required flow, piping and select nozzles distributions.

LUKE Alexander carries a full range of cylinders sizes from 3 lbs up to 1200 lbs.

All the cylinders are UL component recognized, DOT & TPED.

LUKE 227 CLEAN AGENT

LUKE 227 is a trademark of Luke's HFC-227ea, Heptafluoropropane. LUKE 227 is an effective fire extinguishing agent that can be used on many types of fires ranging from sensitive electrical equipment to industrial applications using flammable liquids. LUKE 227 is ideal for applications where clean-up of the extinguishing medium presents a problem, where an electrically non-conductive medium is needed and where people compatibility is an overriding factor. When environmental impact becomes a consideration, LUKE 227 is particularly useful. It has Zero ozone-depleting potential, low global warming potential and short atmospheric lifetime. These characteristics make it suitable not only for new installations using Luke's total flooding system, but also for Halon 1301 replacement. LUKE 227 is an odorless, colorless liquefied compressed gas. It is stored as a liquid and dispensed into the hazard as a colorless, electrically non-conductive vapor that is clear and does not obscure physical vision. It leaves no residue in occupied spaces at system design concentration. LUKE 227 extinguishes a fire by a combination of chemical and physical mechanism. LUKE 227 does not displace and therefore is safe for use in occupied spaces without fear of oxygen deprivation.

