



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



SFFECO-227
HFC-227ea
CLEAN AGENT
FIRE SUPPRESSION SYSTEM



- WHEN** it comes to Protecting Critical & Valuable Assets...
- WHEN** you can't afford a Fire Rated Business Interruption...
- WHEN** Occupant's life Safety is a concern...
- WHEN** Planet Safety is a Must...

**NOTHING COMES
CLOSE TO
HFC-227ea
CLEAN AGENT**



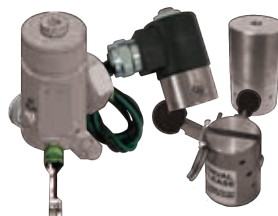
We are very proud to be a vital part of the development of Saudi Arabia and Middle East since **1983** in fire protection industry.

SFFECO-227

BASIC SYSTEM STRUCTURE

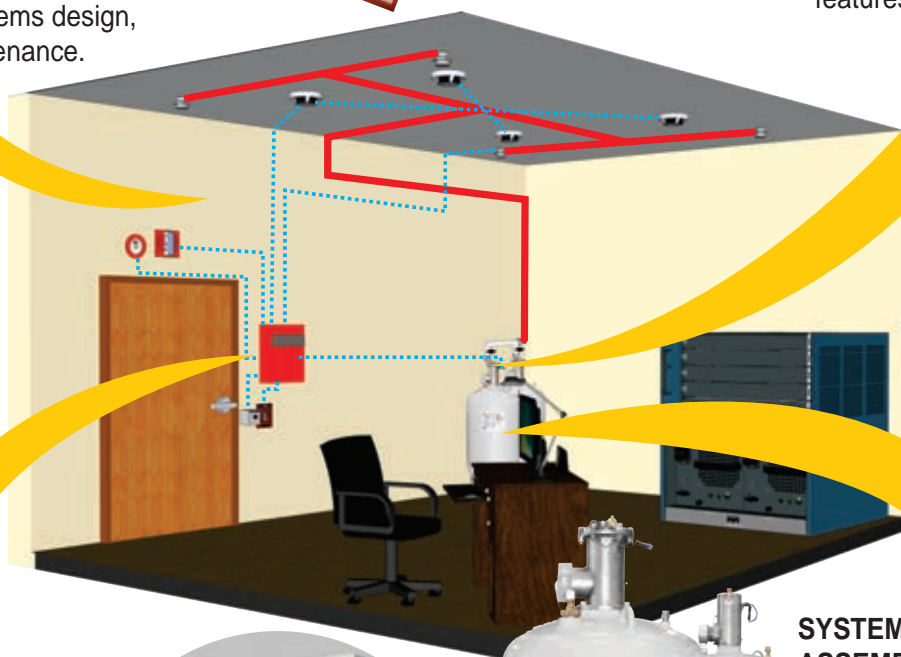
FLOW CALCULATION SOFTWARE & TECHNICAL SUPPORT MATERIAL

SFFECO-227 Engineered System comes with a UL/FM Software, which enables engineers to perform required flow, piping and nozzle details. SFFECO-227 Manuals are extensively prepared to provide clear understanding of systems design, installation and maintenance.



ACTUATION PACKAGE UNIT

Electrical, Manual and Pneumatic Units Suitable for Multiple System Cylinders Arrangements that give more flexibility features.



CONTROL & DETECTION HARDWARE COMPONENTS

SFFECO-227 integrated clean agent system works hand in-hand with state of the art UL/FM Approved Control Detection, and Notification Components such as Potter Electric, Hochiki, Lifeco, etc.



SYSTEM CONTAINER ASSEMBLY

SFFECO-227 Engineered System cylinders assembled with Head Valves & Straps Starts from 35 lbs up to 1200 lbs equipped with head valve size of 1", 1.5", 2.5", 3", 4" Manufactures, Stamped, & Tested in accordance to UL/FM and DOT requirements.



WHY SFFECO-227 ?



Inert on people & safe on environment

Lower design concentration, Safe, and Non-Toxic

Active on Fire with complete extinguishment capability designed to fully discharge within seconds.

Three dimensional suppression, & with effective penetration to knock down fires in hidden spaces.

Ability to recover quickly from business disruption.

No cost of down time.

Zero Ozone depletion Potential.

Superior to Water & Dry chemicals.

Suitable for Class A, B, C fires.

SFFECO-227 is an engineered and Pre-Engineered System designed to protect specific hazards.

With SFFECO 227 clean agent system you assured of fast, efficient, environmentally safe fire extinguishment.

Recognized and certified by the top independent listing and approval parties NFPA, UL, FM, U.S. EPA...

SAFE
ECONOMICAL
EFFECTIVE
UNCOMPLICATED
ODORLESS
TOTAL FLOODING
NO DAMAGE
SELF CONTAINED

SFFECO - 227 System provide safe fire protection for life & Assets by utilizing UL/FM Certified "HFC-227 ea" Clean Agent Gas

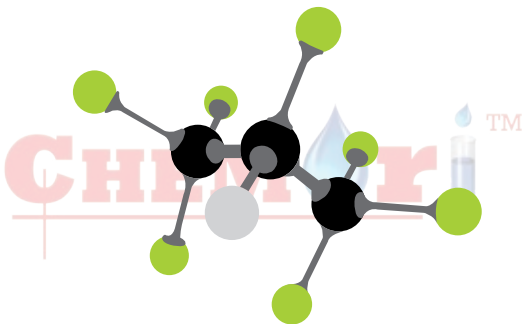
SFFECO ~ 227 System utilizes the Non-Ozone depleting clean agent "HFC-227 ea" that protects the earth Ozone layer.

SFFECO-227 Suppression system utilizes UL Listed and FM Approved CHEMORI™-227ea clean agent gas sourced from USA.

NFPA 2001 Standard rates "HFC-227ea" as an effective substitute for Halon 1301. Hence safe on global scale.

In accordance with U.S.EPA,(SNAP) states that "HFC-227 ea" is an efficient, non-ozone depleting Halon 1301 replacement in the use of Total Flooding System.

For use in occupied, & unoccupied spaces.



HFC-227ea
1,1,1,2,3,3,3 - HEPTAFLUROOPROPANE

HFC-227ea

CF₃CHFCF₃ - Hepta Fluoropropane is liquefied compressed Colorless, Odorless, Electrically non-conductive gas, works to quench fires in seconds & hold damage to a max.

HFC-227ea

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

HFC-227ea

Waterless Fire Suppressant does not leave residues, Particulates, Water or Corrosion.

SECTORS OF APPLICATION

INDUSTRIAL

Flammable Liquid Storage Rooms
Process Control Rooms
Laboratories
Engine Test Cells
Oil & Gas exploration

BROADCASTING

Radio & TV Stations
Electronic Control Rooms
UPS Rooms
Media Storage
Historic Record Storage

HEALTHCARE

Medical Record Storage
CT/CAT Scan & MRI Control Rooms

MILITARY AND TRANSPORTATION

Combat Vehicles
Marine engine rooms
Merchant marine vessels
Mass transportation vehicles
Commercial & Military aviation

CULTURAL

Museums
Libraries
Personal/Corporate Collections

TELECOMMUNICATION EQUIPMENT

PBX & IDF Rooms
Cell Sites
Microwave relay Towers

COMPUTER & CONTROL CENTERS

Server Rooms
Electronic Data/Tape Storage
Electrical switchgear & Cabinets
UPS Rooms
Air Traffic Management Control Centers
Railways Signaling Control Centers

MISCELLANEOUS

Bank Vaults
Cash/Security Departments
Precious Inventory

In line with our policy of continuous product improvement, SFFECO reserves the right to modify specifications without prior notice.

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