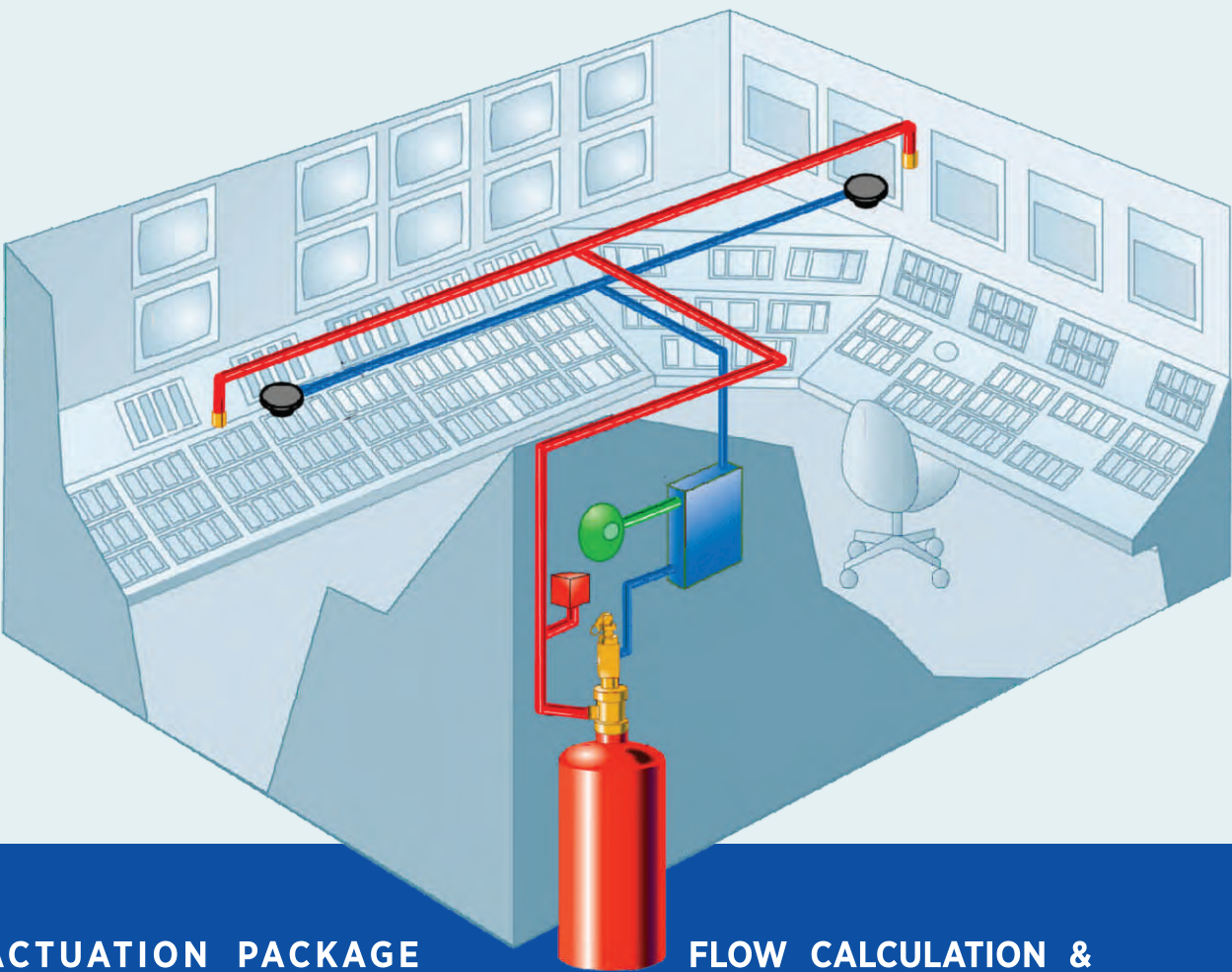


SFFECO-1230 BASIC SYSTEM STRUCTURE



ACTUATION PACKAGE UNIT

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

FLOW CALCULATION & TECHNICAL SUPPORT

The SFFECO software calculates the flow calculations and design criteria as described in the manuals.



CONTROL & DETECTION HARDWARE COMPONENTS

SFFECO-1230 system works hand-in-hand with state of the art UL/FM approved control, detection and notification components from Potter, Hochiki Electric, etc



SYSTEM CONTAINER ASSEMBLY

The SFFEC-1230 Engineered cylinders assembled with headvalves and straps starts from a range of 38lbs to 850lbs with valve sizes of 1" to 3"

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
- MILITARY AND TRANSPORTATION**
Combat Vehicles
Marine engine rooms
Merchant marine vessels
Mass transportation vehicles
Commercial & Military aviation
- HEALTHCARE**
Medical Record Storage
CT/CAT Scan & MRI Control Rooms
- 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
- CULTURAL**
Museums
Libraries
Personal/Corporate Collections
- MISCELLANEOUS**
Bank Vaults
Cash/Security Departments
Precious Inventory

SAUDI FACTORY FOR FIRE EQUIPMENT
المصنع السعودي لأجهزة الإطفاء

DECADES
of
EXCELLENCE

NETWORK
IN OVER
65
COUNTRIES



3M™ Novec-1230™ Fire Protection System



SFFECO.com
a **SFFECO GLOBAL** enterprise



REVOLUTIONIZE THE WAY YOU DESIGN, INSTALL AND MAINTAIN CLEAN AGENT FIRE SUPPRESSION SYSTEM



A PRIVATE LABELED F.F.T., USA SYSTEM

SFFECO-1230

Total Flooding System utilizes

UL, ULC & FM listed

3M™ Novec™ Fire Protection Fluid

NFPA 2001

NFPA 70/72

EPA

DOT 4BW500

UL 2166

FM 5600



3M™ Novec™ Fire Protection Fluid

WHY ?
SFFECO-1230

SFFECO-1230 system cylinder valve assemblies are equipped with pressure differential high flow rate valves in inorder to meet the rapid discharge time of 10 seconds as specified in NFPA 2001.

SFFECO-1230 has a wide filling range from 38lbs to 850lbs allowing for varied head valve outlets ranging from 1” to 3”.

SFFECO-1230 cylinder head valves have been designed to be actuated electrically, pneumatically or mechanically, to make it suitable for different design applications.

WHY ?
NOVEC 1230

3M™ Novec 1230™ is a colorless, electrically non-conductive fluid chemical known as fluroketone, FK-5-1-12

3M™ Novec 1230™ is a long-term sustainable technology with zero ozone depletion, extremely low global warming potential, and short atmospheric lifetime

3M™ Novec 1230™, a breakthrough in Fire Protection Science has a 20-year Blue SkySM Warranty against regulatory bans.

3M™ Novec 1230™ offers a unique combination of safety, low environmental impact and extinguishing performance

Unique feature of lightweight, easily transportable, tray mounted, pump mobile on-site refilling stations which enables refilling of cylinders within 24 hours as per NFPA 2001 and other international standards preventing any interruption of protection irrespective of your location



MOBILE FILL/RECHARGE STATION

AGENT	NOVEC 1230	HALON 1301	HFC-125	HALON 1211
OZONE DEPLETION POTENTIAL	0.0	12.0	0.0	4.0
GLOBAL WARMING POTENTIAL	1	7140	3500	1890
ATMOSPHERIC LIFETIME (Years)	0.014	65	34.2	16
SAFETY MARGIN	67-150%	Nil	Nil	Nil

SFFECO - THE ONE & ONLY IN MENA REGION to have UL/FM Approved 3M™ Novec™ Fire Suppression System

