ABC
FIRETECH
FIRE ENGINEERS (PVT) LTD

FIRETECH

OVER 25th YEARS EXPERIENCE

PRODUCT GUIDE

ABOUT US

ABC Firetech is involved in sales and distribution of fire extinguisher for both local and export market. Installation of automatic sprinkler systems, fire alarms, fire prevention, protection, detection, servicing and maintenance of both extinguishers and fixed sprinkler systems and training. ABC Firetech Fire Engineers is a fire company wholly owned by Zimbabwean engineers that was established in 1998 with the support of the R.B.Z. and operates in 3 branches in Zimbabwe that is Bulawayo, Harare and Mutare.

The company's board of management team has more than 100 years of combined expertise in the fire industry. For example the chairman of ABC Firetech has been part of the Standard Association of Zimbabwe for both portable fire extinguishers and fire doors and other fire equipment. The company also has the highly qualified staff with high levels of technical qualifications pertinent to their jobs.

WHY CHOOSE US

Certified Quality:
All our products meet local and international fire safety standards.

Skilled Workforce:
Our team includes highly trained technicians with deep technical knowledge.

Comprehensive Solutions:
From installation to maintenance and training, we offer full fire protection services.

Multiple Branches:
Conveniently located in Harare, Bulawayo, and Mutare for efficient service delivery.

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CO2 Fire Extinguishers

MODEL		
Capacity	2KG	5KG
Extinguishing Agent	Carbon Dioxide	
Propellant	Carbon Dioxide	
Operation Method	STORED PRESSURE	
Cylinder Diameter	103 MM	135 MM
Total Height	565 MM	755 MM
Masss empty	4..4 KG	8.5 KG
Total Weight	6.4 KG	13.5 KG
OperateTemp	30°C to 60°C	
Working Pressure	174 BAR	
Test Pressure	250 BAR	
Safety Device	Bursting Disc 200 ± 20 bar	Bursting Disc 200 ± 15 bar
Fire Rating	21B	89B

Information

Effective against class B fires involving flammable liquids, solvents, oils, paints, thinner and liquifieable solids.

Effective against electric fires. Note that before attempting to fight electric fires, the electricity must be turned off.

Carbon dioxide is a clean agent that leaves no residue upon discharge.

Instructions for use

1. Read instructions before using tensure that you have selected the correct fire extinguisher for the fire you intend to fight.

Pull

Aim

Squeeze

Sweep.

Co2 Extinguisher Horn

MODEL	THREAD	PART NO
2KG CO2	21.8	

Co2 Extinguisher Wivel Horn

MODEL	THREAD	PART NO
2KG CO2	21.8	

Co2 Extinguisher Hose And Horn

MODEL	THREAD	PART NO
4.5-9KG CO2	21.8	

CO2 Extinguisher Hose and Horn

MODEL	THREAD	LENGTH
4.5-9KG CO2	21.8	1090mm

Co2 Extinguisher Head

MODEL	THREAD	PART NO
2-5 KG	21.8	

Backing Boards

MODEL	THREAD	PART NO
Pine & Saligna		

Co2 Uni Brack

MODEL	THREAD	PART NO
2-5 KG		

Heavy Duty Bracket

MODEL	THREAD	PART NO
2-9 KG		

CO2 Trolley Units

MODEL			
Capacity	10KG	20KG	10k x 2
Extinguishing Agent	Carbon Dioxide		
Propellant	Carbon Dioxide		
Operation Method	STORED PRESSURE		
Depth	360MM	970MM	
Height	1050MM	1100MM	1050MM
Total Weight	45 KG	88 KG	90 KG
OperateTemp	30°C to 60°C		
Working Pressure	174 BAR		
Test Pressure	250 BAR		

Information

Effective against class B fires involving flammable liquids, solvents, oils, paints, thinner and liquifieable solids.

Effective against electric fires. Note that before attempting to fight electric fires, the electricity must be turned off.

Carbon dioxide is a clean agent that leaves no residue upon discharge.

Instructions for use

1. Read instructions before using to ensure that you have selected the correct fire extinguisher for the fire you intend to fight.
2. Unroll hose.
3. Pull safety pin and turn on valve.
4. Aim at fire and squeeze handle Ensure that extinguisher is located close to the work area and operators are trained in the use of extinguishers

Dcp Fire Extinguishers

MODEL						
Capacity	0.6 KG	1 KG	1.5KG	2.5 KG	4.5 KG	9KG
Height	285MM	330MM	360MM	415MM	435MM	545MM
Diameter	68MM	80MM	110MM	110M	435MM	178MM
Mass Empty	0.6 KG	0.8 KG	1.3 KG	1.4 KG	3.3 KG	4.2 KG
Mass Full	1.2 KG	1.8 KG	2.8 KG	3.9 KG	7.8 KG	13.2KG
Discharge	>6sec				>9sec	>12sec
OperateTemp	30°C to 60°C					
Working Pressure	174 BAR					
Burst pressure	250 BAR					
Safety valve	None	± 2200kPa				

Information

Effective against Class A, B, and C fires, including flammable liquids, electrical fires, and ordinary combustibles such as paper, wood, textiles and highly suitable for use on electric fires.

Dry chemical powder is a versatile extinguishing agent that provides rapid fire knockdown, though it may leave a powder residue after discharge.

Instructions for Use

1. *P*ull the safety pin.
2. *A*im the nozzle at the base of the fire.
3. *S*queeze the handle to discharge.
4. *S*weep the nozzle from side to side across the fire.

Dcp Spares & Accessories

Discharge Hose Nozzle

Stored Pressure Type
Valve Assembly

4.5kg & 9kg Discharge Hose

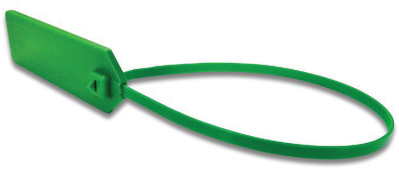
Extinguisher Plunger

Fire Extinguisher Cover

J Brackets

Extinguisher Safety Pin

Stored Pressure
Extinguiser Gauge



Cable tie

9kg Purple K Extinguisher

The 9kg Safequip Purple K fire extinguisher is one of the MOST EFFECTIVE DRY chemicals in fighting Class B (flammable liquid) fires - used in military facilities, oil companies and vehicles

Specifications

Appearance:
-A fine violet colour-free flowing powder
Main ingredient:
-Potassium Bicarbonate

9l Water Extinguisher

Water fire extinguishers are suitable for Class A fires caused by the combustion of solid materials, mainly of organic origin, such as: wood, paper, straw, textiles, coal etc. Not for use on electrical equipment or electrical fires.

Specifications

Height: 580mm
Mass empty: 3.9kg
Discharge: >12sec
Discharge nozzle: Hose & nozzle
Working pressure: 1400kPa
Burst pressure: >5500kPa
Diameter: 175mm
Mass full: 12.9kg
Effective range: 3–12m
Working temperature: -15/+60°c
Test pressure: 2100kPa
Safety valve: ±2200kPa

9l Foam Extinguisher

This stored pressure FOAM content extinguisher is ideal for MULTI-RISK situations where both Class A combustible materials and Class B, flammable liquid/gases

Specifications

Height: 580mm Diameter: 176mm
Mass full: 12.9kg
Working pressure: 1400kPa
Burst pressure: >5500kPa
Discharge time: 12sec
Mass empty: 3.9kg
Effective range: 3–8m
Test pressure: 2100kPa
Safety valve: ±2200kPa

6l Wet Chemical Extinguisher

Safequip's Wet Chemical Extinguisher is designed to combat Class F fires resulting from fats and edible oils burning in deep fryers.

Specifications

Outside diameter: 164mm
Total height: 495mm Volume: 7.7ℓ
Working pressure: 1400kPa
Charge weight: 6.9kg
Full mass: 10.8kg
Cylinder height: 430mm
Filling ratio: 0.75
Test pressure: 3000kPa
Empty mass: 3.9kg

Class D 9kg Fire Extinguisher

This Class D fire extinguisher will extinguish a fire of combustible metals safely and rapidly.

Specifications

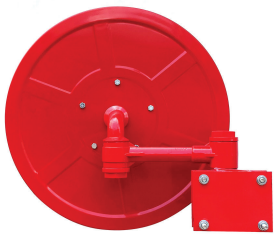
Discharge method: Hose & lance applicator Working pressure: 1400kPa
Total height: 575mm
Diameter: 177mm
Empty mass: 5kg
Full mass: 14kg Discharge: >12sec
Effective range: Lance application
Safety device: ±2200kPa

CLASS			
A		***Ordinary Combustibles***	Wood, Paper, Cloth
B		***Flammable Liquids***	Grease, Oil, Paint, Solvents
C		***Live Electrical Equipment***	Electrical Panel, Motor, Wiring
D		***Combustible Metal***	Magnesium, Aluminum
K		***Commercial Cooking Equipment***	Cooking Oils, Animal Fats, Vegetable Oils

25mm Fire Hose Reel

MODEL	
Mass without hose:	7.4kg
Mass with hose:	18.2kg
Disc diameter:	575mm
Height (Bracket):	660mm
Height (Bracket & Valve):	710mm
Wall protection:	Cabinet
Wall projection:	250mm
Hose dimension:	ID 20mm x 30m
Valve:	25mm BSP CP
Length of jet:	10m @ 0.2MPa
Discharge rate:	30ℓ/min @300kPa

25mm Fire Hose Reel (Swing Type)



MODEL	
Mass without hose:	7.87kg
Mass with hose:	19.4kg
Disc diameter:	575mm
Height (Bracket):	575mm
Height (Bracket & Valve):	Cabinet
Wall protection:	290mm
Hose dimension:	ID 20mm x 30m
Valve:	25mm BSP CP
Length of jet:	10m @ 0.2MPa
Discharge rate:	30ℓ/min @300kPa

Stainless Steel 25mm Fire Hose Reel

MODEL	
Mass without hose:	7.55kg
Mass with hose:	18.35kg
Disc diameter:	575mm
Height (Bracket):	660mm
Height (Bracket & Valve):	710mm
Wall protection:	Cabinet
Wall projection:	250mm
Hose dimension:	ID 20mm x 30m
Valve:	25mm BSP CP
Length of jet:	10m @ 0.2MPa
Discharge rate:	30ℓ/min @300kPa

Stainless Steel 25mm Fire Hose Reel (Swing Type)

MODEL	
Mass without hose:	7.55kg
Mass with hose:	18.35kg
Disc diameter:	575mm
Height (Bracket):	660mm
Height (Bracket & Valve):	710mm
Wall protection:	Cabinet
Wall projection:	250mm
Hose dimension:	ID 20mm x 30m
Valve:	25mm BSP CP
Length of jet:	10m @ 0.2MPa
Discharge rate:	30ℓ/min @300kPa

Fire Hose Reel Spares

Plastic Hose Nozzle

Hose Reel Cover

PVC Hose 30m

Aluminium Nozzle

Hose Reel CP Valve

Hose Reel Waterway

Clamps

Twinear-Clamps

Hose Reel Shackle

Value Range Fire Hose

TYPE	Coil Diameter per 30m length	Weight without couplings	Short length bursting (kPa)	Operating Pressure (kPa)
Material outside: Polyester Yarn Coating inside: Black NBR				
White	65mm	±14.4kg	3900	1300
	65mm	±12.6kg	2400	800
	50mm	±11.4kg	3900	1300
	50mm	±9.6kg	2400	800
	40mm	±8.4kg	3900	1300
	40mm	±7.2kg	2400	800
Material outside: PVC Coating inside: PVC				
Red	65mm	±14.85kg		800
	50mm	±12.6kg		
	40mm	±9.6kg		
Material outside: PVC Coating inside: PVC				
Yellow	65mm	±11.7kg		1200

These hoses are useful for water pumping applications in a various industries:
• Agriculture • Construction • Mining • Waste water

Construction

- 100% High tenacity polyester yarn, circular-woven (reinforcement)
- Circular woven twill weave, warp threads multiple twisted
- High quality, very light synthetic rubber on the basis of EPDM

Features

- Absolute tough, durable & very abrasion resistant
- Seawater resistant, weather resistant
- Aging and ozone resistant
- Temperature range -40 °C up to +100 °C
- Minimum friction loss because of very smooth inner lining
- Light and exible
- Suitable for sea water, hot water and many chemicals

Fortex Fire Hoseher

Inside Diameter	Weight	Bursting Pressure kPa	Operatig Pressure (kPa)
38mm	300g/m	4600	2000
44mm	360g/m	4500	1700
64mm	570g/m	4200	1700

The Fortex fire hose is an all-purpose Nitrile Rubber Fire Hose multi-purpose for many industries, can be used for liquid transfer of chemicals, hydrocarbons and gasoline in all agricultural

PolyZ Fire Hose

Inside Diameter	Coil Diameter per 30m length (mm)	Weight (g/m)	Burst Pressure (kPa)	Operating Pressure (kPa)
38mm	550	320	4900	1600
45mm		370		
50mm		425		
63mm		500		
70mm		600		
76mm	600	650	4100	1400
100mm		950	3700	

The PolyZ Fire Hose is a non-percolating hose with a robust, all-synthetic jacket, designed as a box hose with no need to dry after use and if necessary can be repaired easily.

With a new generation material it is very light for handling.

Mamba Fire Hoseher

Inside Diameter	Coil Diameter per 30m length (mm)	Weight (g/m)	Short Length Burst Pressure (kPa)	Operating Pressure (kPa)
38mm	380	170	3500	1700
44mm		188		
50mm	400	210		
64mm		250		

The Mamba Fire Hose is a non-percolating uncoated box hose with a robust polyesterjacket, rot-free and resistant to weathering and aging. The synthetic fibers in the hose jacket does not degrade over time.

Firecheck Fire Hoseextinguisher

Coil Diameter per 30m length	Weight	Burst Pressure kPa	Operating Pressure kPa
410mm	270g/m	5000	2000
	340g/m	4800	1500
415mm	350g/m	4800	
420mm	460g/m	4500	
425mm	560g/m	4000	1200
450mm	715g/m	3800	

Firecheck fire hose is a nonpercolating hose with a robust, all-synthetic jacket. It is designed for use by fire brigades and industry.
The coating allows the hose to be simply wiped clean after use and enhances abrasion resistance and increase the life of the hose.
The PVC/Nitrile coating gives improved protection against oil and chemical contamination and has increased resistance to chemicals and oils.
The new generation Firecheck is lighter, and has a smaller coil diameter than the conventional latex lined hose. Available in longlengths on request.Blue Firecheck availebla for wash-down purposes.

Forester Fire Hoseher

Coil Diameter per 30m length	Weight	Short length bursting kPa	Operating Pressure kPa
380mm	180g/m	3500	1200
	210g/m	3250	
	230g/m	3000	
400mm	290g/m		1000
410mm	350g/m	2500	

The Forester Fire Hose is a percolating hose with a robust, all-synthetic jacket.
It is suitable for forest and field fires with the outer coating remaining wet during use.
These hoses are rot proof, and need not be dried after use.

PolyZ Fire Hose

Inside Diameter	Coil Diameter per 30m length	Weight	Short length bursting kPa	Operating Pressure kPa
38mm	380mm	180g/m	4800	1200
44mm		190g/m	4500	1800
50mm	580mm	210g/m		
64mm	400mm	265g/m	4250	1500
76mm	410mm	310g/m	3750	1200
102mm	420mm	420g/m	3600	1200

The Cobra Fire Hose is a non-percolating hose with a robust, all-synthetic jacket.
It is ideal for situations where water damage must be avoided, or where foam-making equipment is in use.
Excellent benefits and cost saving features. Cobra hoses are rot proof, and do not need to be dried after use, the synthetic fibers in the hose jacket are resistant to the effects of ultra violet rays and is weather resistant.

Couplings & Adaptors

Storz Coupling

Intantaneous (Aluminium)

NST Coupling

Storz Adapter

Instantaneous Adapter

Geka Coupling

Nakajima Adapter

Nakajima Coupling

NST Coupling (Pin Type)

Couplings & Adaptors

Barcelona Delivery Hose Coupling

Instantaneous Coupling Adapter (FEMALE)

Instantaneous Blank Cap & Chain

Instantaneous Reducing Hose Coupling

Guillemin Delivery Hose Coupling

Guillemin Blank Cap & Chain

Italy Uni Delivery Hose Coupling

MACHINO Female Coupling Adapter

MACHINO Delivery Hose Coupling

Couplings & Adaptors

MACHINO
Blank Cap & Chain

Nakajima Adapter (MALE)

Nakajima
Blank Cap & Chain

Nakajima Delivery Hose Coupling

Storz Blank Cap & Chain

NST Blank Cap & Chain (Pin Type)

Storz Hose Coupling

Storz Coupling Adapter (MALE)

NST Expansion Delivery Hose Coupling (Slotter)

Fire Hydrant Valves

Booster Connector

Right Angle 80mm Brass

Brass Hydrant Valve 80mm Brass Oblique

Marine Hydrant Valve 50mm Brass

Fire Hydrant Valve

Brass Hydrant valve Hose reel

Tamper proof brass hydrant

Oblique Hydrant valve

A hydrant valve is a pressurized water source used by the firefighting industry to couple a booster connection to the fire engine and then pump water over to its own hoses. Safequip uses the best materials in the industry to manufacture our fire hydrant valves.

Stand Pipes

Standpipes

Solid Head with Handle with-out Shut-off

Swivel Head without shut-off

Swivel Head

Swivel Head with screw down valve

Firetch Standpipes (various)

Standpipe systems are a series of rigid vertical pipes connecting a water supply to hose connections. They are designed to provide a pre-piped water system to building occupants and the fire department and are strategically placed inside buildings or structures to provide water during fire protection hose lines. Standpipe systems, together with portable fire extinguishers, are an effective method to assist with manual fire control.

Heavy Duty Brackets

Normal Duty Single Strap Vehicle Bracket DCP Range

Heavy-Duty Single Strap Vehicle Bracket CO2

Heavy Duty Single Strap Vehicle Bracket DCP Range

Light Duty Vehicle Bracket without Cage and Straps

Light Duty Vehicle Bracket with Cage and Straps

Fire Extinguisher Bracket (Wire)

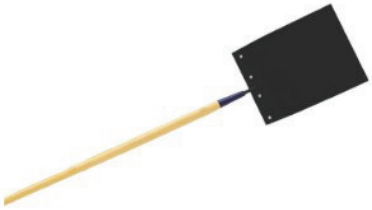
Normal Duty Double Strap Vehicle Bracket DCP Range

Extra Heavy-Duty Vehicle Bracket with Round Base

Universal Heavy Duty Bracket for Fire Extinguishers

Miscellaneous

Fire Axes



Fire Beaters

Plastic Fire/Sand Bucket

Metal Fire/Sand Bucket

Emergency Glass Hammer

Breakglass and Hammer

Key Boxes

Fire Blanket

Vehicle Fire Blanket

Fire Cabinets

The Sliding door cabinets

Polly Hinge 9Kg

Polly Hinge 2 x 9kg

Breather Cabinet

The Marine Cabinet

General Box

Extinguisher Cabinet single

Extinguisher Cabinet Double

Hose Reel

Pipe Network FM200 Fire Suppression System

SPECIFICATIONS		
Specifications	4.2Mpa system	5.6Mpa system
Capacity	40Ltr,70Ltr,100Ltr,120Ltr,150Ltr,180Ltr	70Ltr,90Ltr,120Ltr
Device model	QMP40/4.2, QMP70/4.2, QMP100/4.2,QMP120/4.2, QMP150/4.2, QMP180/4.2	QMP70/5.6, QMP90/5.6, QMP120/5.6
Filling pressure	4.2Mpa	5.6Mpa
Max filling rate	0.95kg/L	1.08kg/L
Discharge time	≤10s	
Power	DC24V/1.6A	
Nitrogen driving device	6.0±1.0Mpa	
Storage surroundings	Temperature:-10~50℃	
	Relative humidity:≤97%	
Proportion	≤800m²	
Volume	≤3600m³	

1.FM200(HFC-227ea) gas and NOVEC1230(FK 5-1-12) gas are a kind of colorless, odorless and clean fire agent used widely all around the world. Compared to other kinds of fire agents like CO2 and halon, FM200 and NOVEC1230 are more environmentally friendly for it will not hurt the ozone layer but others will. and has ozone depleting possibility of zero.

2.Flexible application in protection zones. As its structure and assembly of other useful components, it can concentrate one very big protection zone or very small with the system of a single cylinder.

3.Efficient spraying of gas.
4.No damage for your property.
5.Relatively, it is cheap and effective to be chosen as fire suppression system.
6.Very efficient for protecting your possession. It has 2 minutes time delay mechanism, which means there is enough time Left to evacuate people. Then all agent will be discharged less than 10 seconds, it will be flooding totally.

Inert Gas (IG55.IG541.IG100) Fire Suppression system

IG55

Composition

50% Nitrogen (N_2) + 50% Argon (Ar)
– both naturally occurring, non-toxic, and environmentally friendly gases.

Extinguishing Method

-Reduces oxygen concentration to suppress fire without harming people or equipment.

Applications

-Ideal for data centers, server rooms, museums, archives,

IG541

Gas Composition

50% Nitrogen (N_2) + 50% Argon (Ar)
-Lowers oxygen levels below combustion threshold without endangering occupants.
- Clean Agent: Leaves no residue; non-corrosive and safe for electronics.

Environmental Safety

- Zero Ozone Depletion Potential (ODP)
- No Global Warming Potential
- 100% environmentally friendly

IG100

Gas Composition:

-100% Nitrogen (N_2)
- Extinguishing Principle: Reduces oxygen concentration to a non-combustible level, typically around 12.5–13.5%, to suppress fire without harming humans.

Environmental Impact:

- Zero Ozone Depletion Potential (ODP)
- Zero Global Warming Potential (GWP)
- Naturally occurring, wenvironmentally friendly gas

IG55 (50% Nitrogen, 50% Argon)									
Property	15Mpa(150bar)			20Mpa(200bar)			30Mpa(300bar)		
Capacity (L)	80	90	140	80	90	140	80	90	140
Diameter of Cylinder (mm)	Φ279	Φ325	Φ356	Φ279	Φ325	Φ356	Φ267	Φ325	Φ356
Height of Cylinder (mm)	1578±73	1345±60	1825±20	1610±70	1345±60	1825±20	1770±10	1345±60	1825±20
Filling Density (kg/L)	0.20925kg/L			0.279kg/L			0.426kg/L		
Filling Capacity of Gas (kg)	14.2	16	24.9	20	22.5	31.3	24.7	27.7	43.2
Discharge Time	≤120s								
Power	DC24V/1.6A								
Nitrogen Driving Device	6.0±1.0MPa(20□)								
Temperature Range	0~50□								
Max Working Pressure (MPa)	17.2			23.2			36.6		
Min Working Pressure (MPa)	13.6			18			27		

Inert Gas (IG55.IG541.IG100) Fire Suppression system

IG55 (50% Nitrogen, 50% Argon)									
Storage Pressure	15Mpa(150bar)			20Mpa(200bar)			30Mpa(300bar)		
Capacity (L)	80	90	140	80	90	140	80	90	140
Diameter of Cylinder (mm)	Φ279	Φ325	Φ356	Φ279	Φ325	Φ356	Φ267	Φ325	Φ356
Height of Cylinder (mm)	1578±73	1345±60	1825±20	1610±70	1345±60	1825±20	1770±10	1345±60	1825±20
Filling Density (kg/L)	0.20925kg/L			0.279kg/L			0.426kg/L		
Filling Capacity of Gas (kg)	16.7	18.8	29.2	22.9	25	40	34	38.3	56.3
Discharge Time	≤120s								
Power	DC24V/1.6A								
Nitrogen Driving Device	6.0±1.0MPa(20□)								
Temperature Range	0~50□								
Max Working Pressure (MPa)	17.2Mpa			23.2Mpa			36.6Mpa		
Min Working Pressure (MPa)	13.6Mpa			18Mpa			27Mpa		

IG100 (100% Nitrogen)									
Storage Pressure	15Mpa (150bar)			20Mpa (200bar)			30Mpa (300bar)		
Capacity	80L	90L	140L	80L	90L	140L	80L	90L	140L
Diameter of Cylinder (mm)	Φ279	Φ325	Φ356	Φ286	Φ325	Φ356	Φ267	Φ325	Φ356
Height of Cylinder	1578±73	1345±60		1610±70	1345±60	1825±20	1770±10	1345±60	1825±20
Filling Density (kg/L)	0.211	0.211	0.211	0.299	0.299	0.299	0.42	0.42	0.42
Filling Capacity of Gas (kg)	16.8	19	29.5	23.9	27	42	33.2	37.8	58.2
Spraying Time	≤120s								
Power	DC24V / 1.6A								
Nitrogen Driving Device	6.0±1.0MPa (20°C)								
Temperature	0~50°C								
Max Working Pressure	17.2MPa			23.2MPa			36.6MPa		
Min Working Pressure	13.6MPa			18MPa			27MPa		

Advantage

l. The constant release pressure of 6MPa provides more Lasting and effective pressure, and the transmission distance can reach 200 meters.

2. Low pressure release of the whole system can just caused Less impact on site personnel, equipment and building structure, and more safety.

3. The external constant pressure reliever can only bear the pressure when the system is spraying, which is convenient for disassembly and maintenance and effectively reduces the failure rate of the system.

4.After spraying, the system does not need to replace any parts, simple disassembly and secondary filling, the system can be quickly put into operation.

5.The opening area of the gas pressure relief port is reduced, the input cost of the safety pressure relief device is directly reduced, and the safety buckle is installed and arranged more simply.

High Pressure CO2 Fire Suppression System

The High Pressure CO_2 system uses carbon dioxide stored at high pressure (typically 56 bar or more) to suppress fires quickly by displacing oxygen and cooling the fire zone. It's ideal for protecting enclosed areas with sensitive equipment.

Applications:

- Power rooms, engine compartments
- Industrial machinery, paint booths
- Server rooms (only when unoccupied)

Specification	Technical Parameter
Device Model	QME70
Capacity	70L
Filling Volume of Gas	42kg
Working Pressure	5.7MPa
Max Working Pressure	12.4MPa
Spraying Time	≤60s
Max Filling Rate	0.6kg/L
Power	DC24V/1.6A
Working Pressure of Releasing Device	Container Valve: 19±0.95MPa; Manifold: 15±0.75MPa
Nitrogen Pressure of Driving	6.0±1.0MPa (20□)
Condition of Reserving Room for Container	Temperature: 0~50□

Advantage

Pressurized C02 fire suppression system is a kind of intelligent automatic fire extinguishing equipment, which uses pressurized

C02 as extinguishing agent. Pressurized C02 extinguishing agent won't cause damage for most things, because of its no residue

and nontoxic after extinguishing. This agent still have many advantages: insulating, no water damage and good extinguishing effect.

Depend on different requirements of protection zone, pressurized CO2 fire suppression system can be designed as two kinds of the systems: unit system for single zone; combined distribution system for multiple zones. Adopts enclosed flooding extinguishing to realize the fire protection for single protected zone or multiple protected zones. Our system has three mode of starting: automatic, manual and machine emergency control. The system is advanced technology, high extinguishing efficiency and convenient maintenance.

Piston Flow Type of FM200 Fire Suppression System

The Piston Flow FM200 system is a clean agent fire suppression solution that uses a pressurized piston mechanism to release FM200 (HFC-227ea) gas rapidly and evenly across a protected area. It is effective for fast flame knockdown without harming equipment.

Applications:

- Server rooms, data centers
- Medical and telecom facilities
- Control rooms, archives

Device Model	QMQ5.6/90W-XJ, QMQ5.6/120W-XJ QMQ5.6/150W-XJ, QMQ5.6/180W-XJ QMQ4.2/245W-XJ
Cylinder Volume	90L, 120L, 150L, 180L, 245L
Filling Capacity of Gas	112.5kg, 150kg, 187.5kg, 225kg, 306.25kg
Max Working Pressure	8MPa, 5.3MPa
Max Protected Area	Single zone: 800m²
Max Protected Volume	Single zone: 3600m³
Spraying Time	≤10s
Agent Filling Density	≤1250kg/m³
Power	DC24V/1A
Pressure of Adding Pressure Cylinder	13.5MPa
Pressure of Driving Device	6.0MPa (20°C)
Condition of Reserving Room for Container	Temperature: 0~50°C

Advantage

1. It can be used for all kinds of class fires except metal fire. And it is clean agent. There is no residue and pollution after extinguishing.

2. FM200 extinguishing system is special for critical assets or device. It will have no damage for your property. Relatively, it is cheap and effective to be chosen as fire suppression system.

3. Compared to traditional pipe network type fire suppression system, it can push the agent farther in the effective firefighting time by relied on external driving force.

Cabinet Type Fire Suppression System

System Design:

All-in-one fire suppression unit enclosed in a metal cabinet; includes agent cylinder, valves, nozzles, and control components.

Applications

Ideal for protecting individual enclosures like electrical cabinets, server racks, CNC machines, power panels, and control boxes.

Advantages:

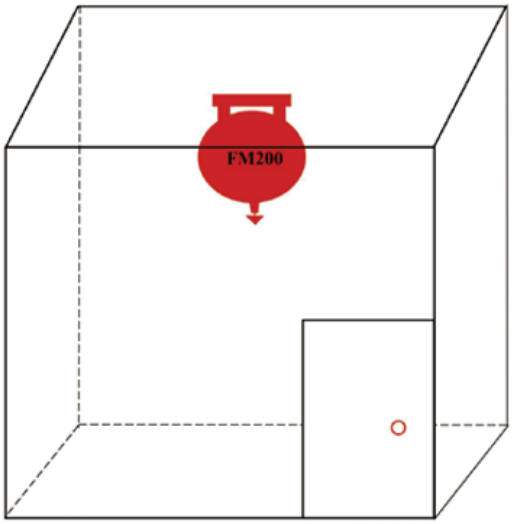
- Compact and space-saving
- No piping required — easy to install and relocate
- Self-contained: detection, storage, and release in one unit
- Fast response to localized fires

Safety

- Clean agents leave no residue and are safe for sensitive equipment
- CO_2-based types should be used in non-occupied enclosures only

single-cabinet fire extinguishing device			
Model No.	Description	Specification	Dimensions (mm)
GQQ40/2.5	single-cabinet fire extinguishing device	1. Storage pressure: 2.5MPa; 2. Filling density: ≤950kg/m³; 3. Spraying time: ≤10s; 4. Power: DC24V/1.2A; 5. Relief pressure: 5.0±0.225MPa; 6. Working temperature: 0~50□; 7. Max working pressure: 4.2MPa	450*400*1450
GQQ70/2.5			500*450*1650
GQQ90/2.5			500*400*1650
GQQ100/2.5			500*400*1650
GQQ120/2.5			550*550*1900
GQQ150/2.5			550*550*1900
GQQ180/2.5			600*550*1900
double-cabinet fire extinguishing device			
Model No.	Description	Specification	Dimensions (mm)
GQQ40/2.5*2	double-cabinet fire extinguishing device	1. Storage pressure: 2.5MPa; 2. Filling density: ≤950kg/m³; 3. Spraying time: ≤10s; 4. Power: DC24V/1.2A; 5. Relief pressure: 5.0±0.225MPa; 6. Working temperature: 0~50□; 7. Max working pressure: 4.2MPa	1100*400*1450
GQQ70/2.5*2			1100*450*1450
GQQ90/2.5*2			1100*450*1650
GQQ100/2.5*2			1100*450*1650
GQQ120/2.5*2			1100*550*1900
GQQ150/2.5*2			1100*550*1900
GQQ180/2.5*2			1200*550*1900

Piston Flow Type of FM200 Fire Suppression System



Model No.	Capacity	Maximum coverage (m^3)
XQQC16/1.6	16L	22.22
XQQC20/1.6	20L	41.67
XQQC40/1.6	40L	69.44

Advantage

1. Substantial consideration of little protection. Some areas, such as server rooms or electric rooms or the like would be very small, which require little fire extinguishing agent. Then, hanging type system can play its role.

2. Little occupation of space. As the protection zone is very small, so maybe there is no much space to place other machines or devices or objects. Then, the ceiling mounted style is designed with the small but efficient function of fire suppression and overall coverage to the whole room.

3. Convenient installation and transportation. Because of relative light and small figure, even one person can hold and fix it on the top of ceiling or wall. But additionally, the temperature- controlled model cannot be installed more than one piece in principle or practice.

Why It's Used

- Delivers rapid, controlled discharge using piston mechanism
- Ensures even distribution of FM200 agent for effective suppression
- Suitable where minimal damage, fast clean-up, and equipment protection are essential

Automatic Fire Detecting Tube

The Automatic Fire Detecting Tube system is a self-activating fire suppression solution that uses a heat-sensitive tube to detect and extinguish fires directly at the source. It is compact, simple, and ideal for enclosed or sensitive areas.

Key Features:

- Detection & Suppression in One: The same tube detects heat and releases the extinguishing agent
- Activation: Automatically bursts at high temperature (typically 110°C), releasing agent directly
- Agents Used: FM200, Novec 1230, or CO2
- Installation: Inside cabinets, vehicles, electrical panels

Model No	Capacity	FM200 Type (Direct/Indirect)
	4l	1. Storage pressure: 2.5MPa 2. Max working pressure: 4.2MPa 3. Working temperature: -10~50℃ 4. Minimum density of extinguishing agent: 0.7kg/m³ 5. Length of detecting tube: 5m 6. Maximum filling coefficient: 1.12KG/L 7. Length of release tube: 1m (Indirect Type)
3kg		
4kg		
6kg	10l	
9kg		
12kg	12l	
Model No	**Capacity**	**CO2 Type (Direct/Indirect)**
2kg	7.5l	1. Storage pressure: 5.7MPa 2. Max working pressure: 12.1MPa 3. Working temperature: 0~49℃ 4. Minimum density of extinguishing agent: 2.5kg/m³ 5. Max length of detecting tube: 5m 6. Maximum filling coefficient: 0.6KG/L 7. Length of release tube: 1m (Indirect Type)
3kg		
4kg		
6kg	10L	
9kg	20l	
12kg		
42kg	70L	

Advantage

1.Convenient installation and transportation.
2.Non-electric start mode is optional. If customers no need for electrical elements, it can remove power to activate the system, too.
3.Little occupation of space.
4.The detecting tube can be arranged for any equipment and instruments' interior which is easy getting fire, using the fastest speed to detect the fire and implementing point-to-point fire fighting.

Automatic Fire Suppression Tube

Model No	Type of agent	Agent Amount (g)	Tube Length (cm)	Tube Diameter (mm)	Approximate maximum coverage (m^3)	Working temperature (℃)	Blasting temperature (℃)
XJ200H/N	FM200/NOVEC1230	500±5	200	18	0.5	-40 to 80	110±10
XJ300H/N		750±10	300	18	0.75	-40 to 80	110±10
XJ400H/N		1000±10	400	18	1	-40 to 80	110±10
XJ500H/N		1250±10	500	18	1.25	-40 to 80	110±10

Automatic fire suppression system consists of metal and plastic parts. Automatic fire suppression system is designed for protection of small enclosures with greater risk of fire. It operates automatically without any power supply by detecting higher temperature.

When temperature in the protected enclosure rises to a critical threshold, the detection tube melts down at the point where affecting temperature is the highest.
Melting the tube creates a “nozzle” releasing the entire extinguishing agent stored in the tube directly onto the source of the
fire.

Applications

1.Engine compartments of boats;
2.Engine compartments of on-road vehicles: car, SUV, van,
recreational vehicle, mini bus, etc.
3.Engine compartments of off-road vehicles: ATV, small tractor,
forklift truck, small construction machine, golf cart, grass cutting machine, etc.
4.Electrical switchboard, fuse box, rack, electrical cabinet, etc.

Accessories

High Pressure Hose

Liquid Flow Check Valve

Control Gas Pipe

Gas Flow Check Valve

Relief Valve

Safety Valve

Pressure Switch

Selector Valve

Manifold

Flange

Elbow

Nozzle

Fire Alarm System

Sound and Light alarm

Alarm Bell

Abort Switch Button

Discharge Indicate Light

Smoke Detector

Heat Detector

Fire Alarm System

Sounder/Strobe

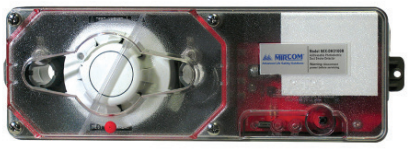
Wireless Call Point

Control Panel

Smoke Detector and Alarm System

Fire Alarm Control Panel

Heat Detector:



Sounder

Fire Alarm Panel with Pull Station

Smoke Detector

Fire Protective Gear

Firefighter helmet

Firefighter jacket

Firefighter pants

Firefighter gloves

Firefighter boots

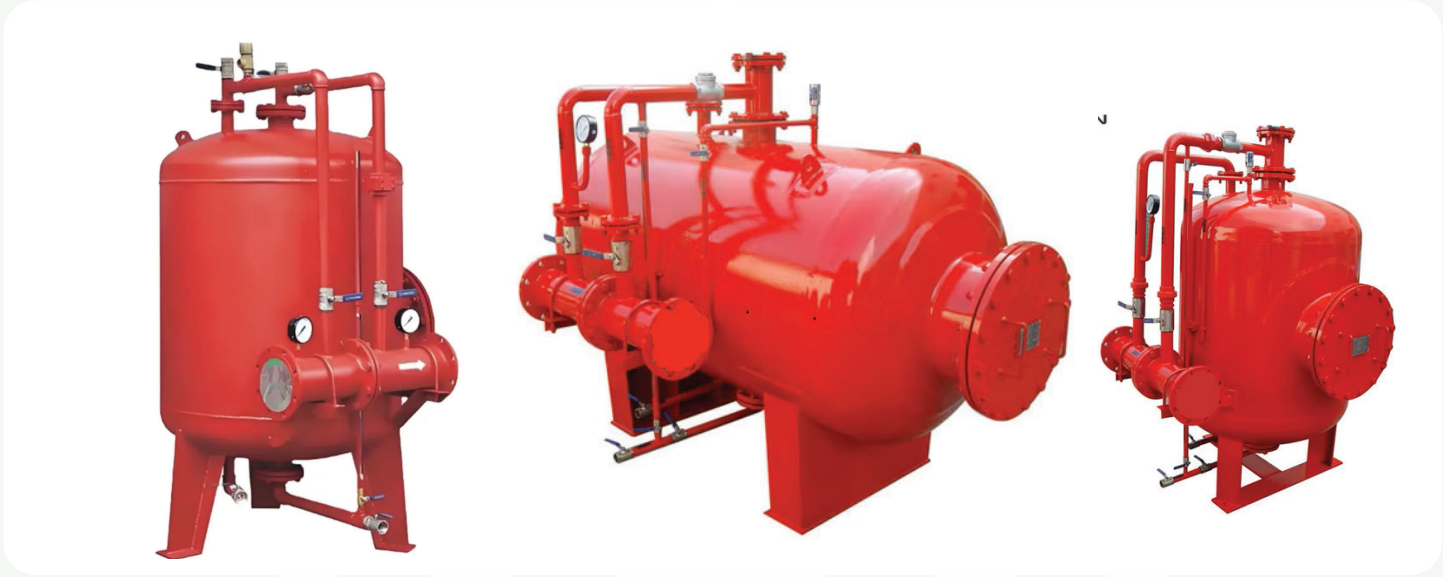
Self-contained breathing apparatus (SCBA)

Thermal imaging camera (TIC)

Rescue harness

Fall arrest system

Pressure Type Proportional Mixing Device PHYM(L)



Working Principle

When the pressure water of the water supply pump enters the proportional mixer from the inlet pipe and valve, most of the water enters the main pipe and the proportional mixer throttling device

Under the pressure of the pressure water, the extinguishing agent in the bag enters the low-pressure zone of the proportional mixer through the outlet pipe and the outlet valve, so that the water and extinguishing agent are automatically mixed in proportion to form a foam mixture, which is sent to the foam generator and the spraying equipment through the pipeline for extinguishing.

In many practical engineering applications, the design requires that electric ball valves should be installed on the water inlet pipe and liquid outlet pipe of the foam tank, and the field control cabinet should be equipped. The control principle is as follows:

Principle of Fire Automatic Control:

- When the on-site control cabinet is set to *automatic mode*, when the fire signal arrives, the *inlet electric ball valve and outlet electric ball valve (220V)* on the storage tank will be *automatically opened*.
- When the fire signal disappears, the inlet valve and outlet valve are *automatically closed*.
- There is a working status indicator light on the control cabinet (*closed/open*), and the valve feedback point on the control cabinet is the active point (*220V*).

Manual Mode:

- When manually controlling, the on-site control cabinet must be set to *manual mode*.
- The corresponding valve opening and closing buttons on the control cabinet should sequentially open/close the *inlet electric ball valve* and the *outlet electric ball valve*.
- In case of power shortage in the on-site control cabinet, the valve opening wrench equipped on the electric valve can be used to manually open the electric valve.

Pc Low Expansion Air Foam Generator

The PC Low Expansion Air Foam Generator is a firefighting device designed to produce low-expansion foam by mixing foam concentrate, water, and air. It's commonly used in areas where rapid foam coverage is needed for flammable liquid fires.

Advantages

- Produces large volumes of stable foam
- Effective blanket for suppressing vapors and smothering flames
- Can cover large surface areas quickly
- Operates with water/foam pump systems or fixed tanks

Model	Nominal working range (MPa)	Working pressure range (MPa)	Rated flow rate (L/S)	Foam ratio (%)	Flow characteristic coefficient (K)
PCL4	0.5	0.3–0.6	4	≥6	107.3
PCL8			8		214.7
PCL16			16		429.3
PCL24			24		644

Pc Vertical Expansion Air Foam Generator

The PC Vertical Expansion Air Foam Generator is a specialized firefighting device designed to generate medium to high expansion foam in a vertical discharge direction, ideal for blanketing large vertical surfaces or filling enclosed areas.

Applications:

- Fuel storage tanks (vertical)
- Chemical processing areas
- Aircraft hangars and loading bays
- Warehouses with vertical risk zones

Model	Nominal working range (MPa)	Working pressure range (MPa)	Rated flow rate (L/S)	Foam ratio (%)	Flow characteristic coefficient (K)
PCL4	0.5	0.3–0.6	4	≥6	107.3
PCL8			8		214.7
PCL16			16		429.3
PCL24			24		644

Foam gun

Model	Nominal working range (MPa)	Working pressure range (MPa)	Rated flow rate (L/S)	Foam ratio	Range (m)	25% liquid separation time (S)
PQ4	0.5	0.5–0.8	4	≥5	≥20 ≥15	≥150
PQ8			8			

Foam sprinkler

Foam sprinkler	Nominal working range (MPa)	Working pressure range (MPa)	Connecting thread	Flow coefficient (K)	Foam ratio	Protecting diameter
PT0.7	0.4	0.3–0.6	R1/2	21	≥5	3.84
PT1.4			R3/4	45		5
PT2			R1	60		5.7

Soluble Water Film Forming Foam Extinguishing Agent

Soluble water-resistant film-forming foam extinguishing agent is composed of:
- Hydrocarbon surfactant
- Fluorocarbon surfactant
- Desiccant
- Additive
- Polar film-forming agent
- Stabilizer
- Antifreeze
- Preservative

In addition to ordinary aqueous film-forming foam extinguishing agents, this can extinguish polar solvent fires such as:
- Alcohol
- Ester,
- Ether,
- Ketone,
- Aldehyde

A polar film-forming agent is added during production to form a *layer of gel* on flammable liquids.

Applications:

Used in disaster prevention sites such as:
- Oil fields
- Refineries
- Oil depots
- Ships
- Large chemical plants
- Warehouses
- Solvent plants

Usage:
- Mixable with fresh & seawater
- Store in sealed, cool, dry, ventilated place (-5 to 40°C)
- Shelf life: 2 years
- Do not mix with other agents

Performance (GB15308-2006):
- Flow point:
  AFFF/AR-3% ≤ -5°C
  AFFF/AR-6% resistant to seawater ≤ -5°C
- Mixing ratio:
  AFFF/AR-3% with water at 3.97:1
  AFFF/AR-6% with seawater at 6.94:1

Packaging:
- 25kg, 50kg, 200kg plastic drums
- Custom pharmaceutical units available

Soluble Fluoroprotein Foam Extinguishing Agent

Soluble Fluoroprotein Foam Extinguishing Agent (FP/AR-3%, FP/AR-6%)

Soluble fluoroprotein foam extinguishing agent (also known as multifunctional fluoroprotein foam extinguishing agent) is prepared by adding an appropriate amount of anti-alcohol agent and additives to fluoroprotein foam extinguishing agent.

It not only has the function of fluoroprotein foam to extinguish oil fires, but also the ability of anti-soluble foam to extinguish alcohol fires.

It can be used to extinguish:
- Oil fires
- Alcohol
- Ester
- Ether
- Ketone
- Aldehyde
- Other flammable polar solvent fires

Applications:
Key disaster prevention sites like:
- Large petrochemical enterprises
- Chemical fiber plants
- Oil storage solvent plants
- Breweries
- Chemical product warehouses
- Ships
- Extraction platforms
- Storage and transportation terminals

Performance (GB15308-2006):
- Flow point:
  FP/AR-3% ≤ -5°C
  FP/AR-6% ≤ -5°C
- Mixing ratio:
  FP/AR-3% type with water = 3.97:1
  FP/AR-6% type with water = 6.94:1

Usage:
- Mix *only with fresh water*
- Store in sealed, cool, dry, ventilated area (−5°C to 40°C)
- Shelf life: *2 years*
- *Do not mix* with other fire extinguishing agents

Packaging:
- 25kg, 50kg, 200kg plastic drums
-Custom pharmaceutical-grade units available

Fluoroprotein Foam Extinguishing Agent

Fluoroprotein Foam Extinguishing Agent (FP-6%, FP-3%)*

Fluoroprotein foam extinguishing agent is made by adding fluorocarbon surfactant to protein foam extinguishing agent.

With fluorocarbon surfactant, this foam has:
- High extinguishing performance
- Can be used by "underwater spraying"
- Used for large oil product storage tank fires
- Can combine with dry powder extinguisher (3× faster than protein foam alone)

Applications:
Used in:
- Oil fields
- Oil depots
- Petrochemical enterprises
- Ships
- Airports
- Units storing large oil quantities

Performance (GB15308-2006):
- Flow point:
  FP-6% ≤ -10°C
  FP-3% ≤ -10°C
- Mixing ratio:
  FP-3% seawater resistant type = 3.97:1
  FP-6% type = 6.94:1

Usage:
- Mix *with fresh or seawater*
- Store in sealed, cool, dry, ventilated place (–5°C to 40°C)
- Shelf life: *2 years*
- *Do not mix* with other agents

Packaging:
- 25kg, 50kg, 200kg plastic drums
- Custom pharmaceutical-grade units available

Aqueous Film-Forming Foam Extinguishing Agent

Aqueous Film-Forming Foam Extinguishing Agent (AFFF-3% Seawater Resistant, AFFF-6% Seawater Resistant)*

Aqueous film-forming foam extinguishing agent (also called light water foam extinguishing agent) is composed of:
- Hydrocarbon surfactant
- Fluorocarbon surfactant
- Auxiliary agent
- Stabilizer
- Antifreeze
- Water

It is an efficient foam extinguishing agent. It forms a *protective film* on the surface of oil to inhibit oil evaporation.

Advantages:
- Dual function of foam and protective film
- High fire extinguishing efficiency
- Fast spreading
- Good sealing
- High pollution resistance
- Long storage period

It can foam in various low and medium expansion foam generating equipment to extinguish oil fires, and can be used with dry powder extinguishing agents. Also used in “underwater spraying” to extinguish large oil tank fires.

Applications:
Oil fields, refineries, oil depots, ships, docks, airports, hangars.

Technical Indicators (GB15308-2006):
- Flow point:
  - AFFF-3% seawater resistance ≤ -10°C
  - AFFF-6% seawater resistance ≤ -4°C
  - AFFF-3% seawater resistance ≤ -25°C
- Mixing ratio:
  - AFFF-3% with water: 3.97:1
  - AFFF-6% with water: 6.94:1

Notes:
- Can be mixed with *freshwater or seawater*
- Store in a sealed, cool, dry, ventilated environment at *-10 to 40°C*
- Shelf life: *3 years*
- *Do not mix* with other fire extinguishing agents

Packaging:
25kg, 50kg, and 200kg plastic drums.
Units with pharmaceutical specs also available.

Synthetic Foam Extinguishing Agent

Synthetic Foam Extinguishing Agent (S-6% S-3%)*

S-type synthetic foam extinguishing agent is composed of:
- Microbial polysaccharide
- Hydrocarbon surfactant
- Fluorocarbon surfactant
- Additives
- Preservatives

Produced using the latest high-tech methods, it is a *gel-type synthetic foam* with good thixotropy.

Advantages:
- Unrestricted infusion pipeline
- High supply intensity
- Fast extinguishing speed
- Stable storage
- Anti-corrosion

Applications:
Oil fields, refineries, oil depots, ships, docks, airports, hangars.

Technical Indicators (GB15308-2006):
- Flow point:
  - S-6% ≤ -4°C
  - S-3% resistant to seawater ≤ -10°C
- Mixing ratio:
  - S-6% with water: 6.94:1
  - S-3% with water: 3.97:1

Notes:
- Can be mixed with *freshwater or seawater*
- Store in a sealed, cool, dry, ventilated environment at *-4 to 40°C*
- Shelf life: *3 years*
- *Do not mix* with other fire extinguishing agents

Packaging:
25kg, 50kg, and 200kg plastic drums.

Soluble Foam Extinguishing Agent

Soluble Foam Extinguishing Agent (S/AR-6% seawater resistant) (S/AR-3% seawater resistant)*

Soluble resistant foam extinguishing agent is composed of:
- Microbial polysaccharide
- Hydrocarbon surfactant
- Fluorocarbon surfactant
- Cosolvent
- Preservative
- Auxiliary agent, etc.

Features:
- Gel-type synthetic foam
- High thixotropy
- Unrestricted infusion pipeline
- Large supply intensity
- Rapid fire extinguishing
- Stable storage
- Low corrosivity

Advantages:
- Extinguishes flammable polar solvents: alcohols, esters, ethers, ketones, aldehydes, amines, organic acids
- Can also be used for oil fires

Applications:
Large chemical plants, chemical fiber plants, solvent plants, alcohol plants, chemical product warehouses, ships, etc.

Technical Indicators (GB15308-2006):
- Flow point:
  - S/AR-6% ≤ -5°C
  - S/AR-3% ≤ -5°C
  - S/AR-6% seawater resistance ≤ -25°C
  - S/AR-3% seawater resistance ≤ -25°C
- Mixing ratio:
  - S/AR-6%: 6.94:1
  - S/AR-3%: 3.97:1

Usage:
- Can be mixed with both *freshwater and seawater*
- Store sealed in a cool, dry, ventilated place (−5°C to 40°C)
- Shelf life: *2 years*
- *Do not mix* with other fire extinguishing agents

Packaging:
25kg, 50kg, 200kg plastic drums

High Expansion Foam Extinguishing Agent

High Expansion Foam Extinguishing Agent (G-3%, G-6%)*

High expansion foam extinguishing agent is a *synthetic foam agent* prepared with:
- Foaming agent
- Cosolvent
- Stabilizer
- Antifreeze
- Water

Features:
- Belongs to high magnification category
- Suitable for high and medium expansion foam generators

Applications:
Underground areas like:
- Passages
- Aircraft hangars
- Oil depots
- Garages
- Ships
- Coal mines
- Used for dispersed liquids and combustible materials

Technical Indicators (GB15308-2006):
- Flow point:
  - G-3% ≤ -10°C
  - G-3% seawater resistance ≤ -30°C
  - G-6% seawater resistance ≤ -17°C
- Mixing ratio:
  - G-3%: 3.97:1
  - G-6%: 6.94:1

Usage:
- Can be mixed with *freshwater or seawater*
- Store in a sealed, cool, dry, ventilated environment (−10°C to 40°C)
- Shelf life: *3 years*
- *Do not mix* with other fire extinguishing agents

Packaging:
25kg, 50kg, 200kg plastic drums
Pharmaceutical-grade units available

Aqueous Film-Forming Foam

Aqueous Film-Forming Foam (AFFF-3%, AFFF-6%)*

This is a light water foam extinguishing agent composed of:
- Hydrocarbon surfactant
- Fluorocarbon surfactant
- Auxiliary agent
- Stabilizer
- Antifreeze

Features:
- Forms a protective film over oil
- Dual foam & protective layer
- High fire efficiency
- Fast speed
- Sealing performance
- High pollution resistance
- Long storage

Applications:
- Low & medium expansion equipment
- Oil fires
- Large oil tank fires (“underwater spraying”)
- Refineries, docks, airports, hangars, etc.

Performance (GB15308-2006):
- Flow point:
  AFFF-3% ≤ -7°C
  AFFF-6% ≤ -10°C
- Mixing ratio:
  AFFF-3% with fresh water at 3.97:1
  AFFF-6% with water at 6.94:1

Usage:
- Only for fresh water
- Store in sealed, cool, dry place (-3 to 40°C)
- Shelf life: 2 years
- Do not mix with other agents

FIRETECH

FIRE ENGINEERS (PVT) LTD

Certificates

The Insurance Council of Zimbabwe
FIRE PREVENTION INSPECTION BUREAU
Affiliate Member
Institution of Fire Engineers

ICZ Centre
4 Josiah Tongogara Avenue
HARARE
ZIMBABWE
P.O. Box 4174
Telephone: +263 8677 007101
708031/2
Email: icz@icz.co.zw

MEMBERSHIP CERTIFICATE

Certificate Number: FPIB MC124 Issue:5

FIRE TECH ENGINEERING

Having complied with the requirements of the Municipal Bye Laws and BS standards for approval of Contractors

Services, Maintenance and Installations for:

Portable hand fire appliances

2 JAN 2024 — Date of Issue
31 DEC 2024 — Expiry Date
Signed for FPIB

INSURANCE COUNCIL OF ZIMBABWE
FIRE PREVENTION INSPECTION BUREAU
10 JAN 2024
4 JOSIAH TONGOGARA AVENUE, HARARE
TEL: 708031/2

The Insurance Council of Zimbabwe
FIRE PREVENTION INSPECTION BUREAU
Affiliate Member
Institution of Fire Engineers

ICZ Centre
4 Josiah Tongogara Avenue
HARARE
ZIMBABWE
P.O. Box 4174
Telephone: +263 8677 007101
708031/2
Email: icz@icz.co.zw

CERTIFICATE OF INSTALLER APPROVAL

Certificate Number: FPIB SPK124 Issue: 5

FIRE TECH ENGINEERING

Having complied with the requirements of the Municipal Bye Laws and LPS 1148 Standards for approval of Sprinkler System Contractors

Level 2 Approved Sprinkler Contractor

A. Precalculated ordinary hazard systems, installations, extensions and alterations (excluding water supplies)

B. Precalculated Extra high hazard systems, installation, extensions and alterations (excluding water supplies)

C. Town's main water supplied systems

D. Pumped water supplied systems

E. Base build contracts (Precalculated design principles)

All Categories of Work to be FPIB supervised

2 JAN 2024 — Date of Issue
31 DEC 2024 — Expiry Date
Signed for FPIB

INSURANCE COUNCIL OF ZIMBABWE
FIRE PREVENTION INSPECTION BUREAU
10 JAN 2024
4 JOSIAH TONGOGARA AVENUE, HARARE
TEL: 708031/2

Our Archievements

ZITF 2004

ZITF 2005

ZITF 2007

ZITF 2022

ZITF 2023

'creating a level playing field'

Delta Beverages
ZESA
First Capital Bank
Hwange Safari Lodge
Nedbank
City of Bulawayo
Banc ABC
Unki Mine
Eureka
Holiday Inn
ZIMRA
Elephant Hills
National Foods
Tanganda Estates

United Refineries
Irvines
Falcon Gold
Shawa Mine
Kango
Trojan Mine
Turnall Zimbabwe
Fertiliser Seed Grain
Mutare Bottling
Mimosa Mine
Cairns Foods
Waverly Blankets
Manica
T.M Pick & Pay

Skyview Hotel
Hyperfeeds
Allied Timbers
Slice Distributors
Hippo Valley
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