

# NASA

**NASA FIRE TECHNOLOGY LIMITED**

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FIRE SAFETY PRODUCTS & SOLUTIONS

सर्वे भवन्तु सुखिनः सर्वे सन्तु निरामयाः ।  
सर्वे भद्राणि पश्यन्तु मा कश्चिद् दुःखभाग् भवेत् ॥  
॥ शान्तिः शान्तिः शान्तिः ॥



# NASA Automatic Fire Extinguishers

NASA Automatic Fire Detecting and Extinguishing Units are unique, hi-tech and intelligent devices meant to extinguish early stage initial fires without taking anybody's consent. The uniqueness lies in its independent working, without any external source of energy. It purely works on nature's most reliable principle of gravity and temperature. No power source/batteries required.



**NASA 2T with vertical valve body**



**NASA 8T with horizontal valve body**

## FEATURES

- Non corrosive stainless steel design
- Electrically non-conductive and non-corrosive
- Ideal 24x7 protection for special hazards where piped systems are impractical
- Complete discharge providing maximum efficiency
- Easy to install
- Valve automatic function is safe in every manner, eliminating the chances of any valve component falling during discharge.
- Valve design ensures choke-free nozzle operation
- Excellent solution for fire safety and spot protection of critical areas depending on the area of application and availability of space,
- NASA automatic units are available in horizontal and vertical models in various capacities & temperature ratings

## APPLICATIONS

Inside Electric Panels, Server Racks, LPG Cylinder Chamber, Car Trunk with CNG kit, Enclosed Solvent Drum, Storage Warehouse, Switch Gears, Offices, Laboratories etc.

**Suitable for Class A, B, C and Electrical Fires**  
**Available in UL Listed FE-36 and FK-5-1-12 Clean Agent**  
**Available in various capacities**

# NASA Semi-Automatic Fire Extinguishers

NASA believes in not compromising at any level. It took 38+ years of intensive research to develop a unique, hi-tech and intelligent Fire Extinguisher, which has been a long-awaited need of the industry. Suitable for A, B and C Class of fire, corrosion free and maintenance free fire extinguisher, it comes with a gas shelf life of 10 years. The unique leak proof valve design is the best in the world, and is patented. Furthermore, this extinguisher can be used multiple times until the last drop, while other extinguishers have many limitations.

## FEATURES

- Non corrosive stainless steel design
- Leak proof valve design, can be used multiple times till the last drop, without losing its effectiveness.
- Lock pin is intelligently designed and has no chance of getting jammed.
- Electrically non-conductive and non-corrosive.
- Intelligent design to provide a comfortable experience in handling the extinguisher.
- Uniform discharge pressure in addition to unique dip tube design ensures discharge of extinguishant till the last drop, maintaining the efficiency of the extinguisher.
- Unique discharge nozzle in combination with discharge cap and deflector, helps to achieve a homogenous mixture. This also helps increase the extinguishing capacity by getting a bigger coverage area.
- Cylinder base ring protects the extinguisher from any impact due to a fall.
- Available in non-magnetic models for medical equipment's.



**NASA 200 MAR**

Capacity (In Kgs)	BIS Ratings
2 kg	1 A : 21 B
4 kg	2 A : 34 B
6 kg	2 A : 55 B

**Suitable for Class A, B, C and Electrical Fires  
Available in 2 KG, 4 KG, 6 KG**

# NASA DCP Fire Extinguishers

NASA DCP products are among the most powerful available in the market today. With a staggering 233B fire rating for our 9kg model, all early stage fire of any Class (Class A, B or C) can be easily extinguished. NASA uses the highest quality MAP-90 to ensure that even a small quantity of the media is enough to easily extinguish fires that other types of media cannot. Furthermore, our unique interlocking valve design is first time in the world that does not leak.

## FEATURES

- Highest Grade Monoammonium Phosphate 90% is used as extinguishing media to control fire quickly.
- Unique interlocking valve that doesn't leak.
- NASA divergent nozzle for optimum throw and discharge.

## APPLICATIONS

Oil refineries, petrol stations, natural gas plant, wood working area etc.

Capacity (In Kgs)	BIS Ratings
6 kg	4 A : 183 B
9 kg	6 A : 233 B

Suitable for Class A, B, C.  
Also available in complete SS 304 assembly



NASA 600 MAR DCP

# NASA Kitchen Fire Extinguisher

The Nasa F-class extinguisher has a unique delivery mechanism which helps extinguish oil and grease fire using the minimum quantity of extinguishing agent. This spray gun is ergonomically designed for maximum comfort and has a long throw so that you can control the fire from a safe distance.

## FEATURES

- Unique delivery mechanism to ensure comfort while controlling the oil fire.
- Discharge mechanism ensures targeted delivery of NASA agent to control the fire as quickly as possible
- Discharge mechanism is intelligently designed to cover for maximum range during initial extinguishing phase so that you are at a safe distance.
- Full SS construction ensures excellent corrosion resistance and long life of the extinguisher.

## APPLICATIONS

Hotels, Kitchens, Restaurants, Corporate Kitchens

**Suitable for Class F Fires.**  
**Capacity 6 Ltr. : BIS Rating 25F**



**NASA 600 MAR F Class**

# FK-5-1-12 Based NASA Trolley

## FEATURES

- Environmentally friendly FK-5-1-12 (Novec)(0 ODP - 1 GWP)
- Electrically non-conductive and non-corrosive.
- Heavy duty PESO approved cylinder and hose hanger assembly
- Quick release 4 meter long discharge hose with SS ball type valve with SS-304 convergent nozzle.
- Corrosion resistant red paint finish.
- Operating temperature range: -40 to +120 F.
- 30ft. Long Discharge range.
- Large instruction label on cylinder.
- Complete discharge providing maximum efficiency.
- Can be used multiple times till the last drop without losing its effectiveness.
- Always ready at your doorsteps to protect you and your premises during fire emergency.

## APPLICATIONS

Chemical Storage warehouse, Electrical room, Airport etc .

Suitable for Class A, B, C and Electrical Fires  
BIS Rating : 4A:113B



**50 kg. FK-5-1-12 Based Wheeled  
Fire Extinguisher**

# NASA Mini Fire Tenders

NASA Manual Movable Trolleys are mini fire tenders meant to effectively extinguish early stage initial fire before it grows big. It has been observed that fire has a tendency to multiply 50 times in the first 8 minutes, and a fire tender would probably take on an average 20-45 minutes to reach the site of fire. Just imagine the multiplication of fire in this period and the kind of destruction that can be averted by the mere presence of a high performance NASA mini fire tender that could have done the job before the fire multiplies. NASA mini fire tenders are equipped with interlocking leak proof long life valve design, which ensures highly reliable operational performance. These trolleys come in various capacities ranging from 10 kg to 50 kg, depending on the area of application and the criticality of the material handled.

## FEATURES

- Non corrosive stainless steel design
- Interlocking leak proof long life valve design, to ensure minimum loss of media during discharge, additional working valve near the nozzle is provided.
- Can be used multiple times till the last drop without losing its effectiveness.
- Electrically non-conductive and non-corrosive.
- Complete discharge providing maximum efficiency.
- Always ready at your doorsteps to protect you and your premises during fire emergency.

## APPLICATIONS

Chemical Warehouse, Electrical Room, Large Area Factory etc.

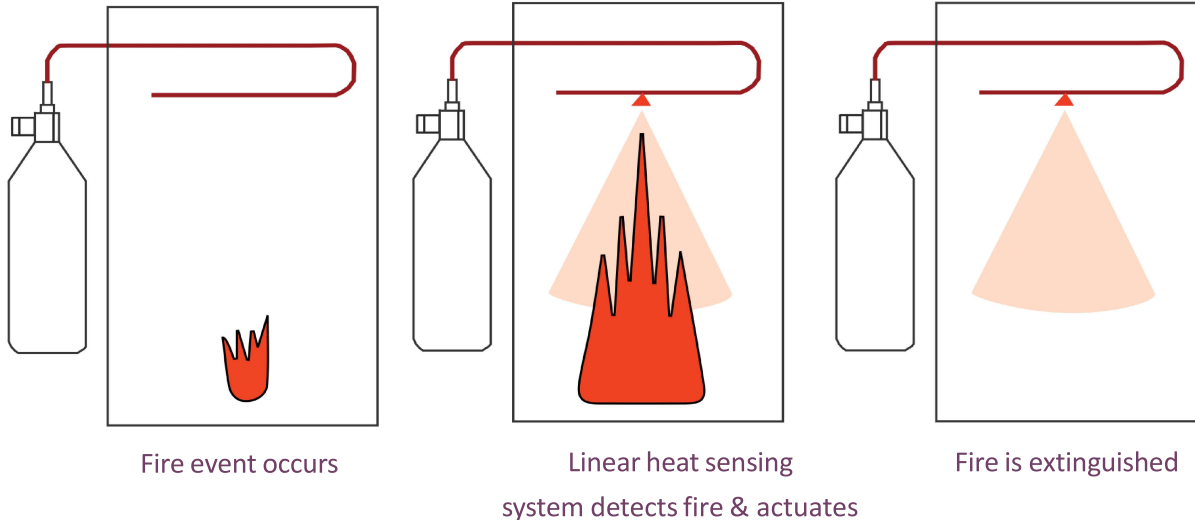
**Suitable for Class A, B, C and Electrical Fires**  
**Available in UL Listed FE-36 and FK-5-1-12 Clean Agent**  
**Available in 10 KG, 30 KG & 50 KG.**



**NASA 100 MMT (10 KG)**

## NASA Linear Heat Sensing Based Automatic Fire Suppression System

NASA's fire protection - direct release systems utilize the Linear Fire Sensing tube as both the "detection device" and "extinguishant delivery". As the fire begins, the portion of the linear heat sensing tube nearest to the point where the most heat is detected ruptures, forming an effective spray nozzle. The pressure will then drop as the NASA linear heat sensing tube releases the entire contents of the cylinder through the distribution nozzle to effectively suppress the fire. Our fire suppression systems are critical for safety and protecting your valuable equipment.



### FEATURES

- UL listed Clean Agents used as extinguishing media
- SS 304 Cylinders and Valve
- NASA Linear Heat Sensing system is available in
- both Low & High temperature sensing variants

**Suitable for Class A, B, C and Electrical Fires**  
**Available in UL Listed HFC 236FA/HFC 227EA/FK 5-1-12**



## Non Magnetic NASA 200 MAR

By the nature of their operation, magnetic resonance imaging (MRI) scanners generate strong magnetic fields and utilize radiowaves to create images of the human body as a form of medical diagnosis. This means that all equipment within the vicinity of MRI components will need to be suitable in terms of magnetism and electrical conductivity - including fire extinguishers.

Strong magnetic forces can have diverse and detrimental effects on metallic instruments that are also magnetic, including causing excessive heat, impacting on operation and even causing projectile movement. The effects of the force could also have an impact on the reading from the MRI itself, altering results in a manner that could be potentially damaging to patients and medical professionals.

### FEATURES

- Non corrosive stainless steel SS 304 design.
- SS 316 based leak proof valve technology.
- Specially Designed for MRI machine.
- Leak proof long life up to 10 years.
- Electrically non-conductive and non-corrosive
- Can be used multiple times till the last drop, without losing its effectiveness.
- Easy to use/User Friendly.
- Uniform discharge pressure in addition to unique dip tube design ensures discharge of Extinguishant till the last drop(99+%), maintaining the efficiency of the extinguisher.
- Unique discharge nozzle in combination with discharge divergent nozzle, helps to achieve a homogenous mixture without air pockets.
- Cylinder Base Ring protects the extinguisher from any impact due to a fall.

Suitable for Class A, B, C and Electrical Fires  
Available in UL Listed FE-36 Clean Agent



**NASA Non-Magnetic 200 MAR**

# NASA Licicover & NASA Flame Retardant Chemical Granules

NASA has developed some excellent flame retardant chemical granules, which are free flowing and come with a 10 years of life. Packed in an excellent cassette type design, it is very comfortable to handle, as compared to the outdated conventional sand buckets.

These flame retardant chemical granules can also be used to fill up cable trenches to prevent any spread of fire.

## FEATURES

- Free flowing chemical granules
- User friendly design
- No maintenance required
- For controlling small spill fires
- Chemical granules can be used to fill up electrical trenches
- Acts as a barrier against rodents, hence preventing damage to the electrical wires

## APPLICATIONS

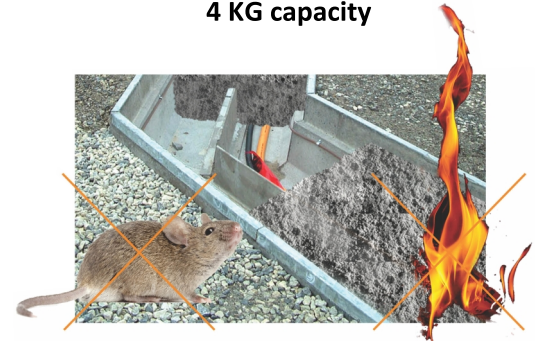
Petrol Pumps, Refineries, Labs, Automobile Workshops, Chemical Industries, Cable Trenches etc.

**Licicover is suitable for Class B fire.**  
**Chemical Granules are best to retard electrical fires**  
**NASA Flame retardant chemical granules available in packs of 5 KG & 10 KG**

NASA Flame Retardant Chemical Granules filled in a cable trench



**NASA Licicover  
4 KG capacity**



# NASA Wet Agent Fire Extinguisher

## FEATURES

- Fires can be extinguished from a safe distance
- High temperature fires can be easily controlled
- Highly effective on the A Class material.
- Non-Toxic, No emissions, No odor
- Stops the spread of Smoke
- Extinguishes fires and retards reignition
- Ease of Post Incident Analysis
- Reuse of Products
- Long Discharge Time
- Complete SS 304 make
- Eco Friendly

## APPLICATIONS

Tyre Fires, Coal Fires, Wooden Fires, Cloth Fires and other A Class (Solid) Fires.

Suitable for Class A fire.  
Capacity : 6 Ltr. BIS Ratings : 3A



**NASA 6 Ltr. Wet Agent  
Fire Extinguisher**

***NEW INVENTION : HIGHEST A CLASS FIRE RATING***

## Office & Works

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## PRODUCTS AT A GLANCE

