

رؤية
VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



Automatic Fire Extinguishing System

For Heavy Truck Engines



An Automatic Fire Detection and Extinguishing System with Reliable, Cost Effective and Low Maintenance...

Automatic Fire Extinguishing System for heavy truck engines; are most commonly used in different mining vehicles, industrial equipment, such as truck, tractor, bus, military vehicle, on-road equipment and off-road equipment. Because they are non-conductive, they can be utilized to not only suppress fires in ordinary combustible materials, but also on flammable liquid fires that involve live electrical equipment.

The detection cable is flexible, it connect to control panel, and detect the temperature anywhere in protected space, once temperature reach 180°C (or 138°C), the detection cable send signal to control panel, and control panel will activate the solenoid valve to open it, then the fire agent was discharged from discharge pipes and nozzles, and activate the fire alarm at the same time, and the control panel will output signal to vehicle controller for shutting off the engine.

On the control panel, there is a manual button, reset button, lights, etc. in Emergency pushing the manual button can activate the fire system too. And the control panel was connect to 2 pcs or more remote manual buttons.

If the detection cable not connected to control panel or damaged the, the control panel will alarm.

Specifications:

Activation Temperature	: 138°C or 180°C
Power Required	: 24V DC (Transformer Optional)
Extinguishing Agent	: AFF FOAM, Powder, FK-5112, etc.
Cylinder Capacity	: 6L to 106L
Working Pressure	: 14 Bar
Test Pressure	: 27 Bar
Cylinder Type	: Steel Red Painted or Stainless Steel 304

Product Features

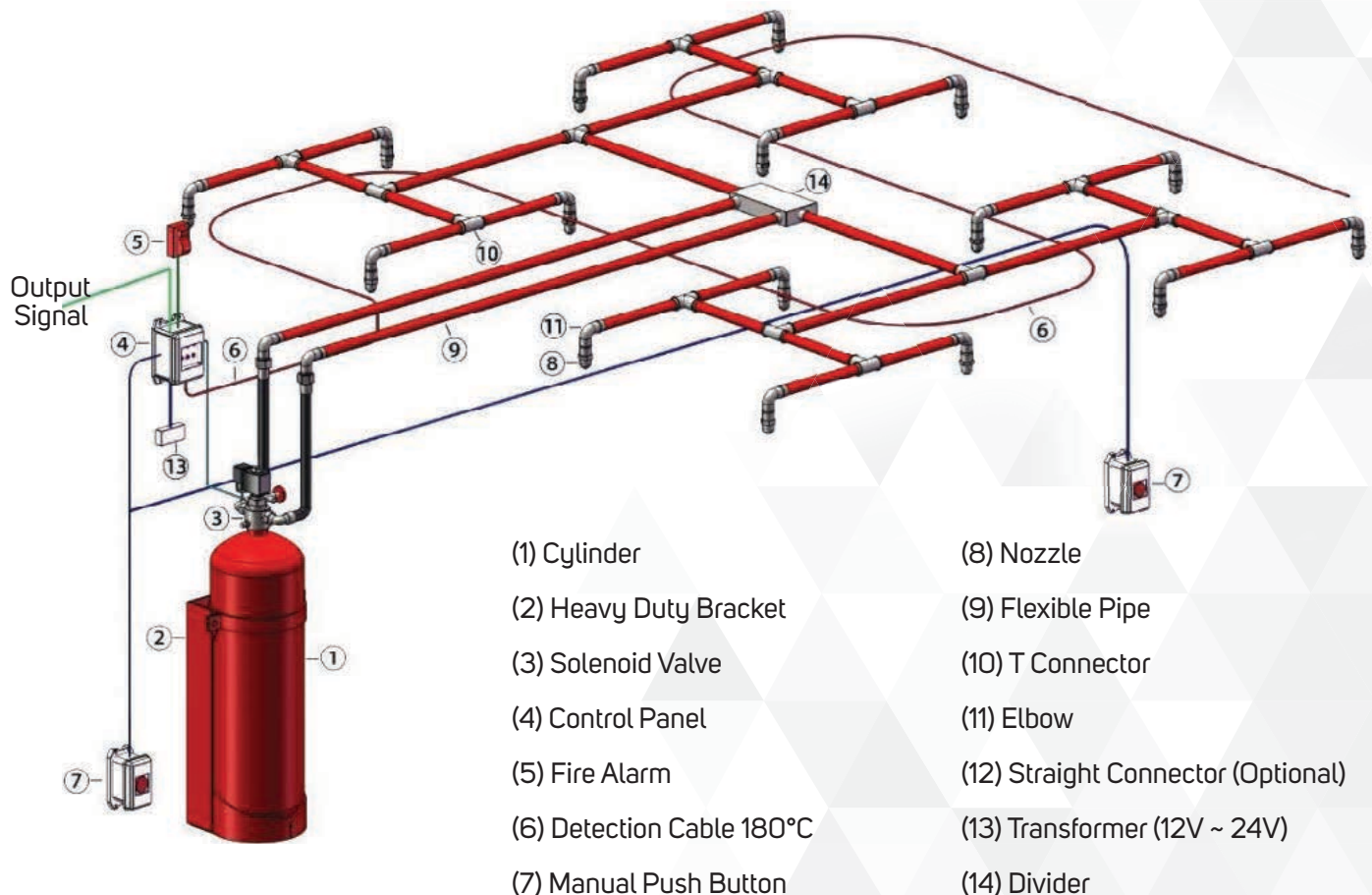
- ▶ Fast detection and high efficiency
- ▶ Rechargeable
- ▶ Adapted to tough environments
- ▶ Lightweight, not burdensome to equipment
- ▶ Simple installation and maintenance
- ▶ Suitable for heavy duty mining machine
- ▶ Control panel easy operation



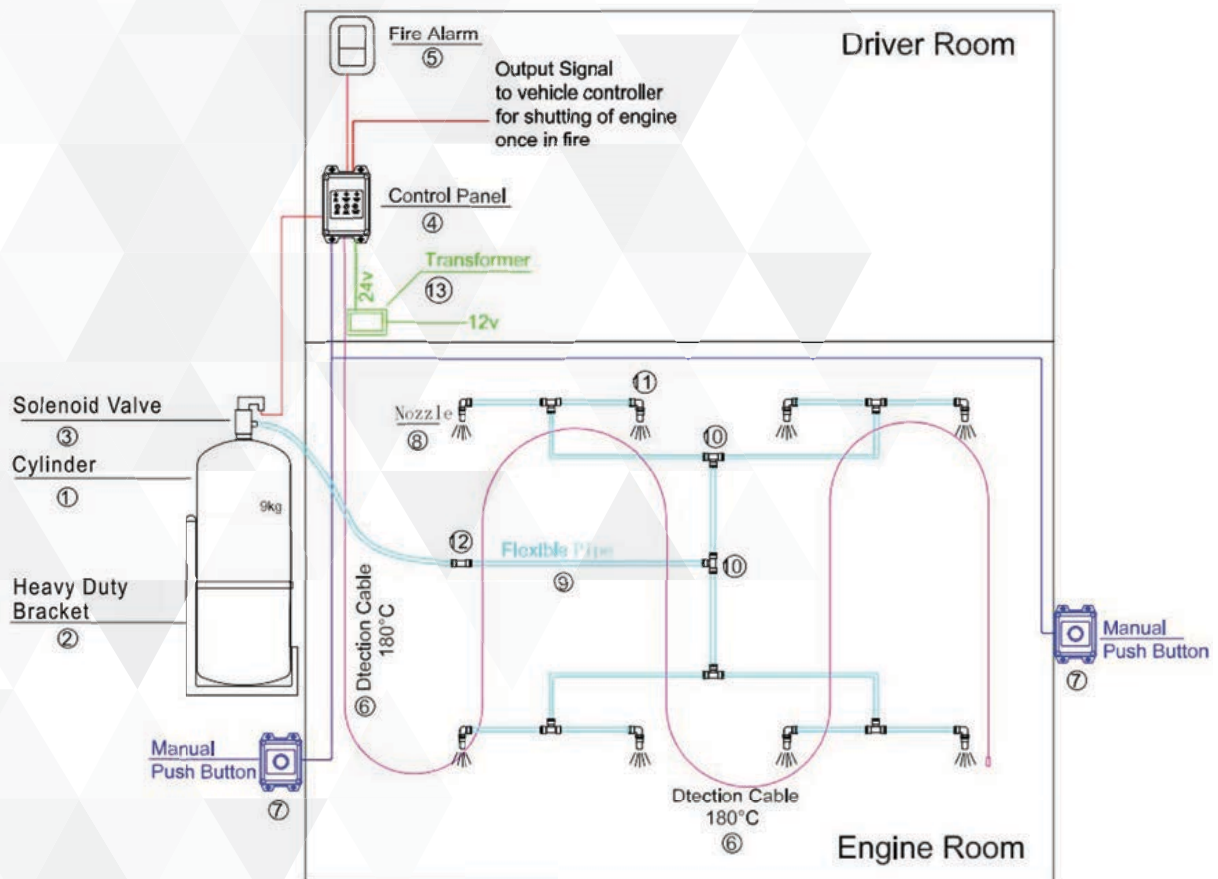
System Types

- ▶ Single Cylinder & Single Outlet
: 6 Kg ~ 12 Kg
- ▶ Single Cylinder & 2 Outlets
: 18 Kg ~ 100 Kg
- ▶ 2 ~ 4 Cylinder & Single Outlet
: 6 Kg ~ 12 Kg
- ▶ 2 ~ 4 Cylinder & 2 Outlets
: 25 Kg ~ 100 Kg

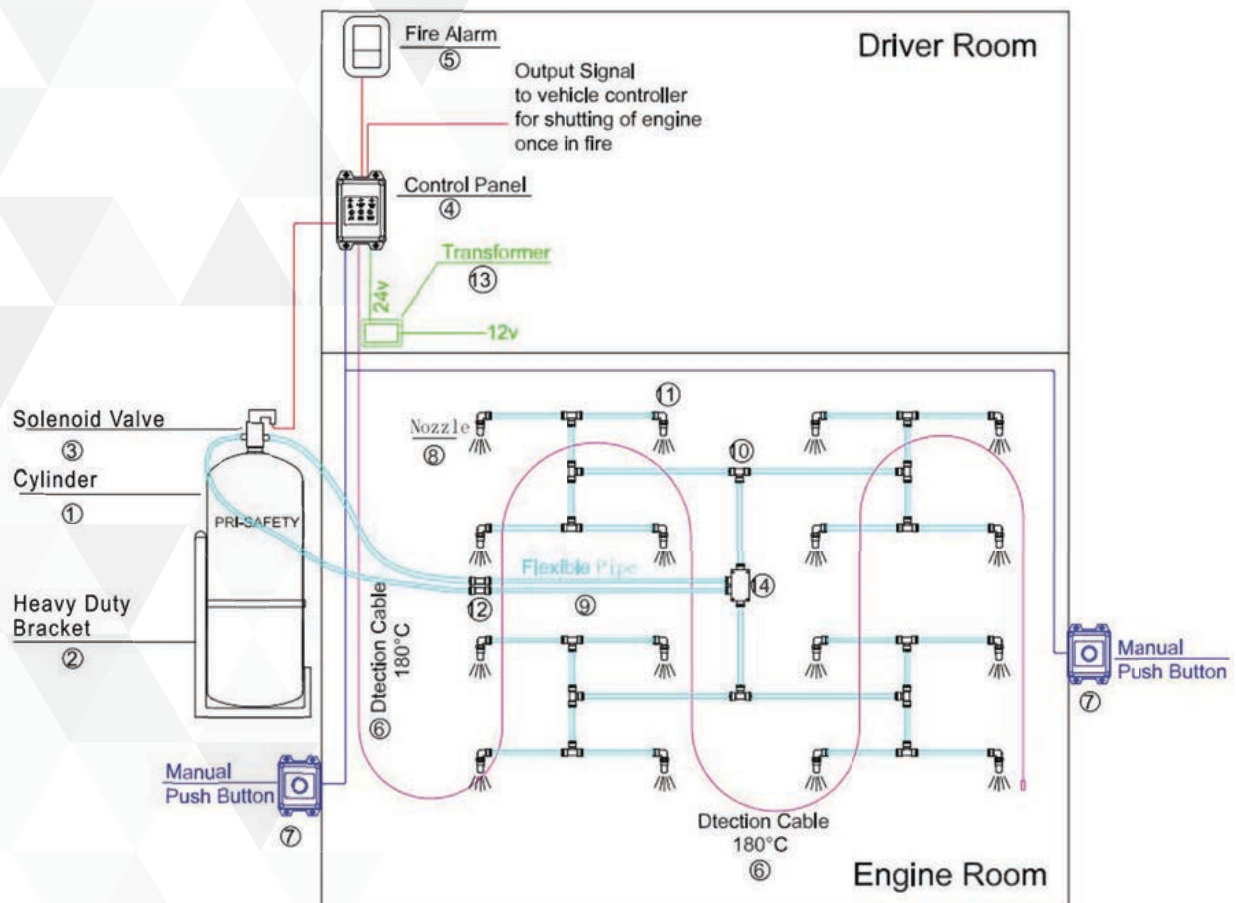
This system is suitable to use in different types of mining vehicles, such as loading machine, wheel loader, excavator, bulldozer, and other construction vehicles.



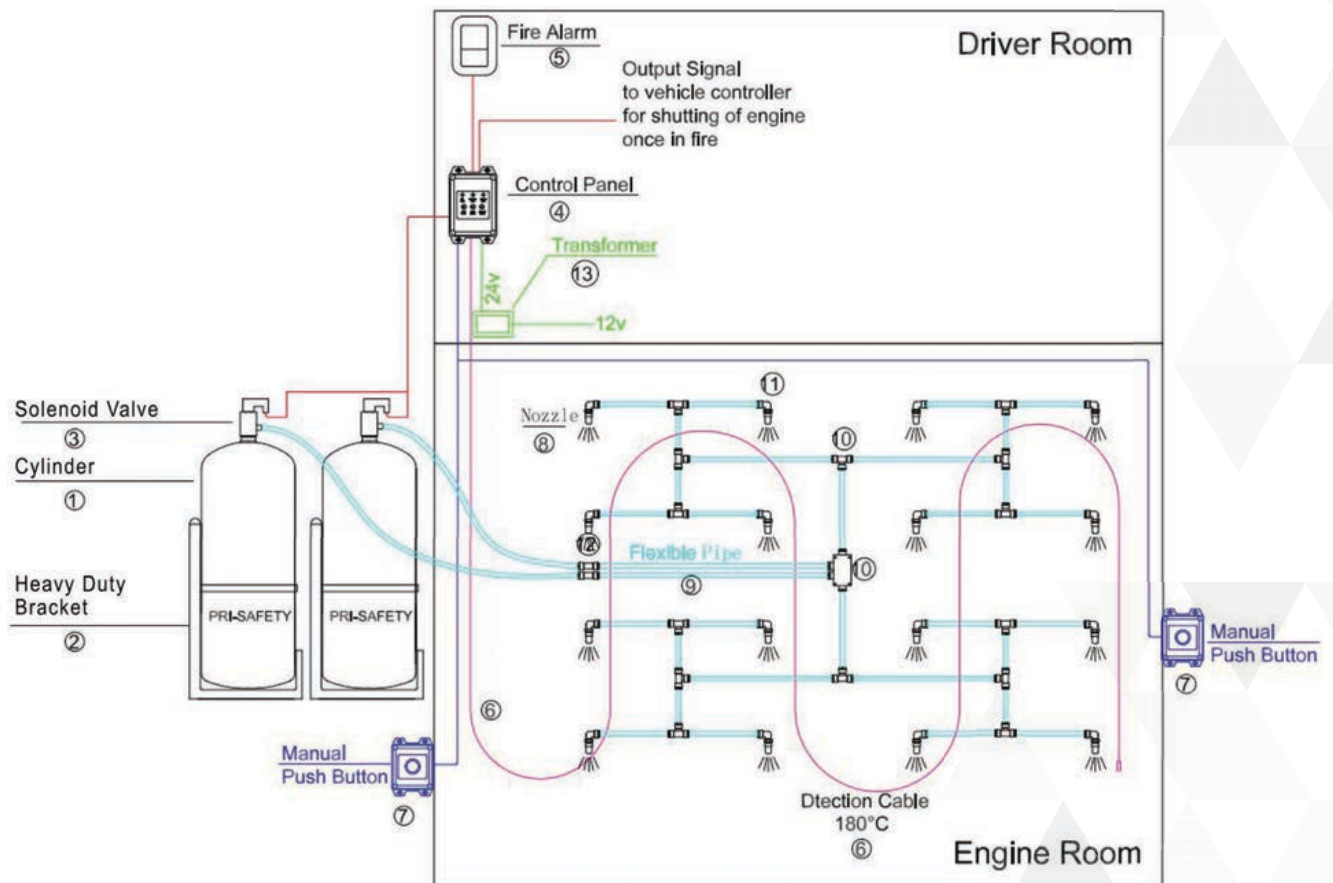
Single Cylinder & Single Outlet (6Kg ~ 12 Kg)



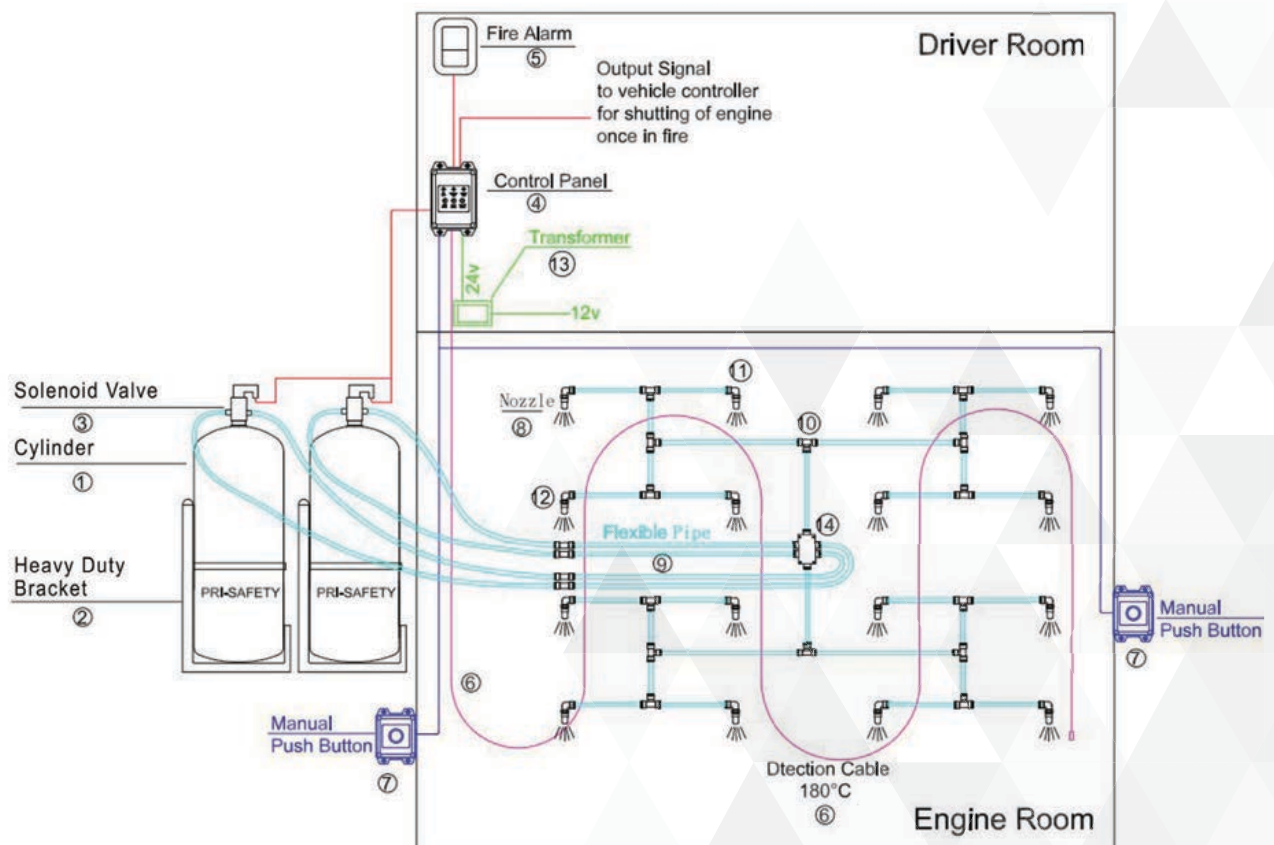
Single Cylinder & 2 Outlets (18 Kg ~ 100 Kg)



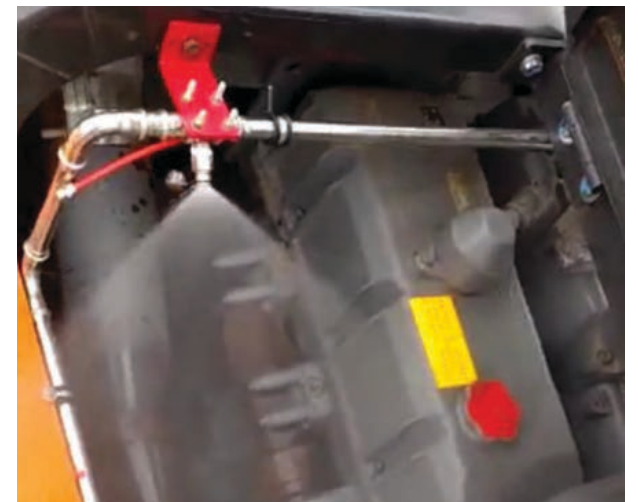
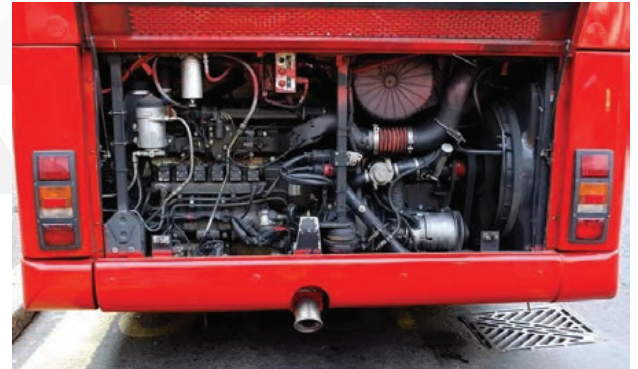
2 ~4 Cylinder & Single Outlet (6Kg ~ 12 Kg)



2 ~4 Cylinder & 2 Outlets (25 Kg ~ 100 Kg)



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SFFECO HAS A LONG STANDING ESTABLISHED REPUTATION FOR PIONEERING INNOVATION EVER SINCE ITS FOUNDATION IN 1983.

SFFECO HAS ITS STATE-OF-THE-ART MANUFACTURING PLANTS IN RIYADH AND DUBAI PRODUCING END-TO-END RANGE OF PRODUCTS FOR THE FIRE FIGHTING INDUSTRY MATCHING INTERNATIONAL STANDARDS IN QUALITY.



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