

# FIRE SUPPRESSION & FIRE ALARM

## FIRE DETECTION & ALARM SYSTEM

Kingfisher Equipment Trading provides innovative control panels and detection devices that associate automatic and manual programming, system status monitoring, and other advances for detection. The fire detection & alarm system of Kingfisher is distinguished for its easy maintenance and durability.

The alarm and fire detection system consists of fire detectors, control panel, manual call point, repeater and alarm device. Upon the break of fire, fire alarms can be triggered by smoke detectors, heat detectors, or manually. Fire alarm system shall send relevant signals to alarm monitoring, alarm device and VDR with audible and visible alarm.

Kingfisher Equipment Trading presents fire alarm system in three main categories:

- Conventional
- Addressable
- Aspirating smoke detector



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Kingfisher Equipment Trading is a leading provider of fire suppression systems for offshore and marine applications. We offer a capability that spans the complete design, installation, supply, testing, commissioning and service of fire suppression systems. Kingfisher has a team of highly qualified and experienced engineers, superintendents and technicians. We strive to deliver quality work, resulting in complete customer satisfaction for every project we execute.

Kingfisher aims to develop and sustain a competitive edge for high performance fire suppression systems by providing cost-effective and reliable solutions. Our range of fire suppression systems hold approval certificates from various recognized classification bodies.

- FM 200 system
- CO2 System
- Novec 1230
- Water Mist System
- External Fire Fighting
- Fire alarm & detection

## GASEOUS AGENTS

Kingfisher Equipment Trading provides integrated state-of-the-art clean agent technology that is environmentally friendly and cost effective for applications containing high value critical data or sensitive machinery. You will be provided with warranty coverage and full after sales service support to insure customer satisfaction. Kingfisher's gaseous fire suppression systems is proven to be fast and effective with the capability to extinguish in 10 seconds or less before any damages are done to assets and valuables.

### FM-200 SYSTEM | CO2 SYSTEM | NOVEC 1230

## APPLICATIONS

FM-200 systems, CO2 and NOVEC 1230 are perfectly suited to the protection of machinery spaces, engine rooms and cargo pump rooms in a wide range of vessel types:

Offshore oil & gas installations | Passenger vessels | Container ships | Chemical tankers | Workboats | Cargo ships | Ferries | Government coastguard & research vessels | Warships | Pleasure craft

## BENEFITS OF KINGFISHER GASEOUS SYSTEMS

- Fast and effective
- Environmentally friendly
- Non damaging to equipment, requires no clean up
- Zero ozone depleting potential
- Low global warming potential
- Electrically non conductive
- Saves space and weight
- Ideal for extinguishing fire of Class A, B and C
- Easy and low cost of maintenance
- Approved & certified by the top approval agencies

## WATER MIST SYSTEM

Is a high pressure system that is designed to break water particles to very tiny droplets creating a misting effect that in return suffocates fire effectively by amplifying the water cooling effect and depleting oxygen.

Since water mist droplets are very tiny, therefore, no electrical conduction takes place making it a perfect solution for machinery spaces.

### KINGFISHER WATER MIST SYSTEM BENEFITS FOR SHIP OWNER & SHIPYARD

- Uses less than 10% of water compared to conventional systems
- Can be activated even in occupied spaces without an evacuation plan
- Reduces smoke damage by cascading combustion byproducts
- Corrosion resistant and long lasting quality components
- Low Maintenance cost
- Reduced downtime compared to other fire systems
- Marine approved



## EXTERNAL FIRE FIGHTING

The external fire fighting system (fifi system) is fully integrated with the vessel. It is designed to extinguish and suppress fire outside the vessel. The power source is often the main engine and the power is transferred to the pumps via remote operated clutch and necessary transmission.

