

# GARNET CO2 FIRE SUPPRESSION SYSTEMS

**GARNET CO2 Fire Suppression Systems** are extremely effective in suppressing Fire in non-occupied hazards.

Carbon dioxide (CO<sub>2</sub>) is a well-known extinguishing agent for electrical equipment. The system consists of liquefied CO<sub>2</sub> in pressurised cylinder, discharge valves, piping and electrical devices that automatically detect smoke or heat. Any personnel within the area protected by carbon dioxide should evacuate immediately prior to system's discharge. Carbon Dioxide Fire Suppression works by total flooding principle, by suffocating the oxygen that aids in combustion. The system can be operated automatically or manually via the **system's actuator**.



GARNET CO2 system is proven to be highly reliable and tested in accordance to international and local safety standards.



Readily and commercially available throughout the world. Because of its universal usage, it can be fairly inexpensive to obtain.



GARNET CO2 is odorless, colorless, and incombustible in the atmosphere. Not only is the gas non-corrosive in nature, it is also non-conductive and will not cause any form of electrical damages.



*\*\* GARNET CO2 Fire Suppression Systems is SIRIM tested.*

## FEATURES :

- ✦ Reduces the oxygen level in the atmosphere to prevent combustion.
- ✦ Discharge duration and agent flow rates are customized for the individual.
- ✦ Fixed supply to protected room through piping network and nozzles.
- ✦ High rate of expansion which allows it to work fast.
- ✦ No residues left after application.
- ✦ No deterioration with age.

## APPLICATION :

- ✦ Flammable Liquid Storage Areas
- ✦ Spray Booth
- ✦ Electrical areas
- ✦ Dust Collection
- ✦ Engine Room
- ✦ Machine Parts
- ✦ Bank Vault



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