

Meteory Co2 Automatic Fire Sense



Application

- Meteory Co2 Automatic Fire Sense "Direct or Indirect" is effective in Classes (B, C & E).
- Model: Co2S 2, Co2S 3, Co2S 6, Co2S 10 & Co2S 45.

Agent Specifications

- The cylinder is packed with carbon dioxide that leaves no trace after the extinguishing process.

Capacities

- Meteory Co2 Automatic Fire Sense's Capacities are (2, 3 , 6, 10 & 45) Kg.

Coating

- Corrosion-resistant treated and coated on the inside.
- Electrostatic Painted (RAL 3000) on the outside.

Quality

- Cylinder designed, manufactured and tested according to Egyptian standard specifications No, 735 /2015 (2, 3, 6) Kg.
- Cylinder designed, manufactured and tested according to Egyptian standard specifications No, 6115/2007 (10, 45) Kg.
- ISO 9001 certified.

Warranty

- 2 years warranty against material failure and production defects.

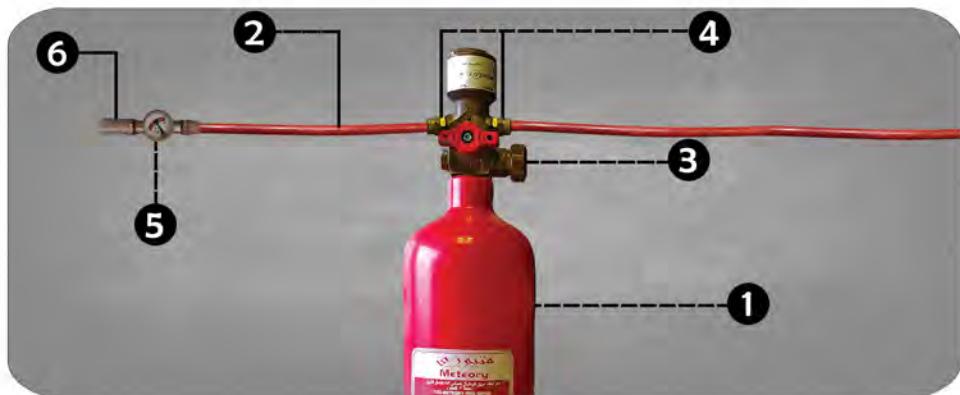
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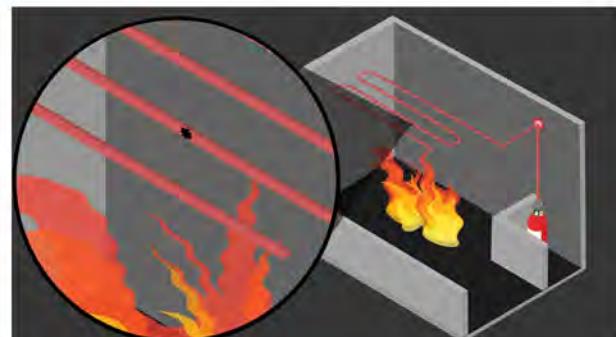
Meteory Direct Co2 Automatic Fire Sense

- Meteory direct fire sense system suppresses the fire Before it's too late.
- Our detection tube is routed around the risk area with an unlimited sensing points.
- When the temperature reaches (100°:180°) [depends on the request] or the detection tube is touched by the flame, the detection tube bursts forming a diffuser through which the extinguishant is discharged through.
- Our system will not only put off the fire, but also has the sufficient amount of extinguishant for the local area to avoid re-ignition.



System Component

1. Co2 Automatic Cylinder.
2. Meteory Fire Detection Tube.
3. Filling gas inlet enclosure.
4. Outlet Co2 Automatic connection.
5. Manometer.
6. End of line.



System Installation

- The system does not need any mechanical network or any effort, so it could be considered easy to install.
- The system does not need external power to operate.
- The system only operates in the event of fire, with no false alarms due to smoke or vibration.
- Quick-acting so only minimum damage is done to equipment.
- Easy maintenance.

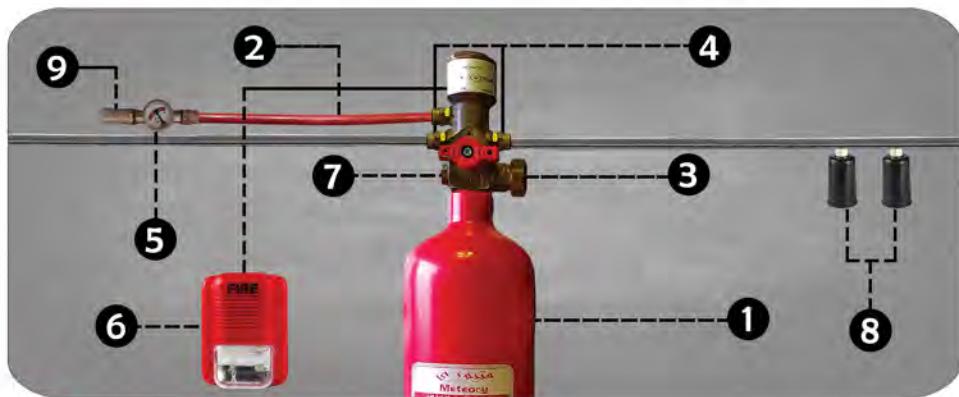
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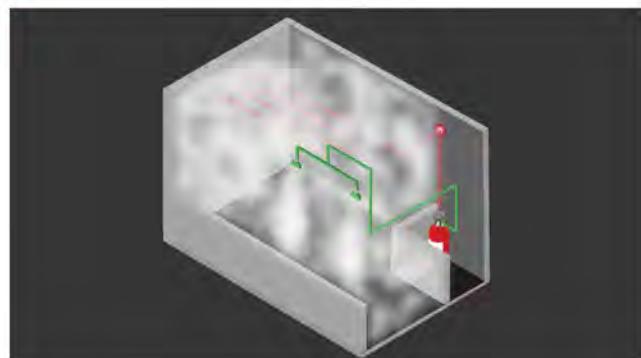
Meteory Indirect Co2 Automatic Fire Sense

- Meteory indirect fire sense system suppresses the fire before it's too late.
- Our detection tube is routed around the risk area with an unlimited sensing point.
- When the temperature reaches (100°:180°) [depends on the request] or the detection tube is touched by a flame, the detection tube bursts the pressure inside so the cylinder starts discharging the extinguishant using pipe network and nozzle.
- Our system will not only put off the fire, but also has the sufficient amount of extinguishant for the local area to avoid re-ignition.



System Component

1. Co2 Automatic Cylinder.
2. Meteory Fire Detection Tube.
3. Filling gas inlet enclosure.
4. Outlet Co2 Automatic connection.
5. Manometer.
6. Sound and light alarm unit working with pressure switch.
7. Head valve internally equipped with a pressure sensor and cable
8. CO2 Nozzle.
9. End of line.



System Installation

- The system does not need any effort, so it could be considered easy to install.
- The system only operates in the event of fire, with no false alarms due to smoke or vibration.
- Quick-acting so only minimum damage is done to equipment.
- Easy maintenance.

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Features

- Meteory Fire Sens is effective in closed areas or enclosures which are difficult to access such as control panels, main machinery rooms, presses, grinders, air filters, generators, vehicles.
- Designed as unwelded cylinders for all capacities of Co2 agent for class B, C & E.
- Equipped with Safety Valves.
- Delivered with its Special bracket.
- Ease of operation.
- High-Quality Coating.



Technical Specification

Capacity	2, 3, 6, 10 & 45 kg
Model	Co2S 2, Co2S 3, Co2S 6, Co2S 10 & Co2S 45.
Extinguishing Agent	CO2
Working Temperature Range	-20 °C to 70 °C
Cylinder Material	Seamless steel cylinder
Working Pressure	100 bar
Testing Pressure	200 bar
Bursting Pressure Min	400 bar
Valve Material	Brass valve
Discharge Fitting	Up to 10m long high-pressure detection tube.
Paint On The Inside	Corrosion-resistant treated and coated
Paint Outside	Electrostatic Painted (RAL 3000)
Period of Warranty	2 Years
Coverage of the Warranty	Against material failure or production defects



Thickness	Operating Temperature
6	100
	120
	140
	150
	160
	170
8	180
	100
	120
	140
	150
	160
8.4	170
	180
	100
	120
	140
	150
10	160
	170
	180
	190

Meteory Detection Tube

- Meteory detection tube is flexible with unlimited sensing point.
- Enough to be used in the most difficult installations.
- By sensing fire or reaching operating temperature the system discharge

