

Meteory Dry Chemical Powder Fire Sense



Application

- Meteory Dry Chemical Powder Fire Sense "Direct or Indirect" is effective in Classes (A, B & C).
- Model: MS 6, MS 9 & MS 12

Agent Specifications

- The cylinder is packed with Dry Chemical Powder which is a non-toxic material.
- Has the required extinguishing ability without any change in mechanical properties as flow, solidification, moisture effect.

Capacities

- Meteory Dry Chemical Powder Fire Sense's Stored Pressure Capacities are (6, 9 & 12) 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: 8442/2021.
- ISO 9001 certified.

Warranty

- 2 years warranty against material failure and production defects.

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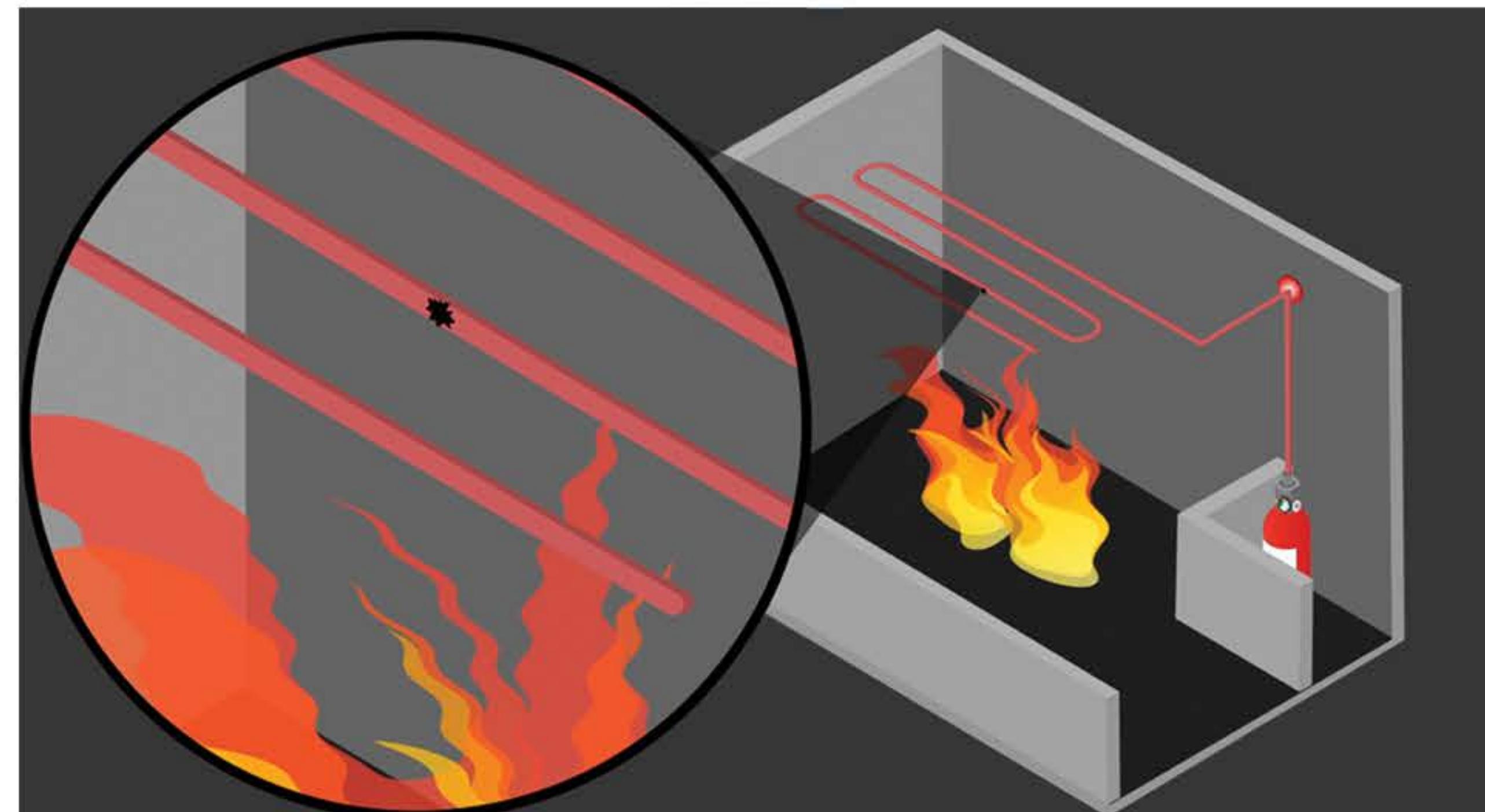
Meteory Direct Dry Chemical Powder Fire Sense

- Meteory direct fire sense system suppresses the fire before it's too late.
- Our detection tube is routed around the risk area with 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. Dry Powder Cylinder.
2. Meteory Fire Detection Tube.
3. Manometer.
4. Outlet dry powder connection.



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, and requires little maintenance.
- 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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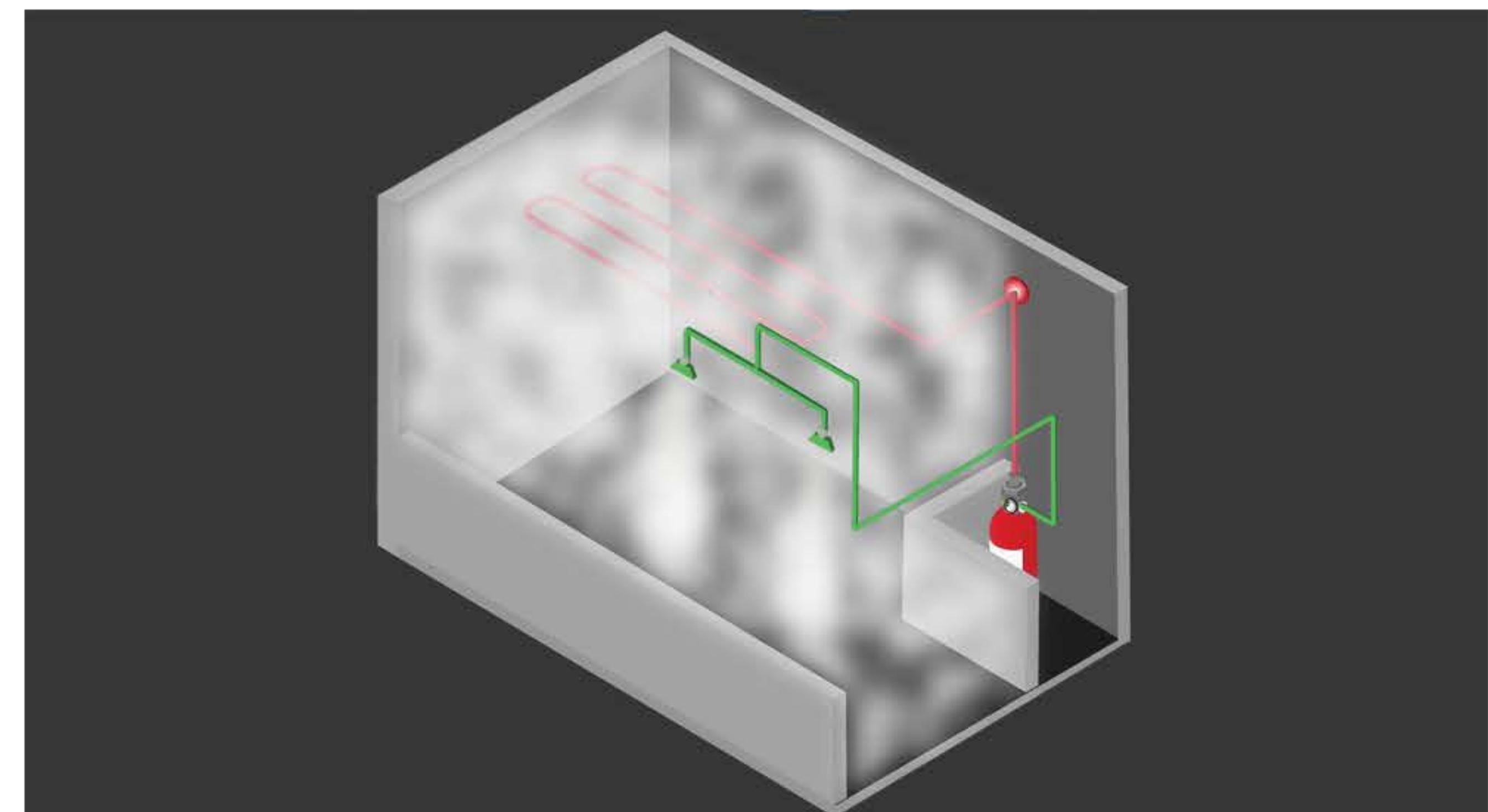
Meteory Indirect Dry Chemical Powder Fire Sense

- 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. Dry Powder Cylinder.
2. Meteory Fire Detection Tube.
3. Manometer.
4. Outlet dry powder connection.
5. Dry Powder nozzle.
6. Sound and light alarm.



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 sense 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 welded cylinders for all capacities.
- Designed with a body thickness of 2 mm & top and bottom thickness of 2.5 mm.
- The cylinder is equipped with a manometer to verify the internal pressure and to indicate the validity of the device for operation.
- Special bracket
- Ease of operation.
- High-quality coating.

Technical Specification

Capacity	6, 9, & 12 Kg.
Extinguishing Agent	Multipurpose Powder
Working Temperature Range	-20 °C to 70 °C
Cylinder Material	Cold drawn steel
Working Pressure	17.5 bar
Testing Pressure	35 bar
Bursting Pressure Min	70 bar
Valve Material	Brass valve
Discharge Fitting	Up to 5m long high-pressure detection tube.



Paint On The Inside	Corrosion-resistant treated and coated	Fire Rating		
		Capacities	A	B
Paint Outside	Electrostatic Painted (RAL 3000)	6 Kg	27,34&43	113&144
Period of Warranty	2 Years	9 Kg	34,43&55	144&183
Coverage of the Warranty	Against material failure or production defects	12 Kg	43&55	183&233

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

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



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