



PROTEC® CARBON DIOXIDE (CO2) FIRE EXTINGUISHER

GENERAL:

"Protec" Carbon Dioxide (CO2) fire extinguisher is manufactured in conformity to BS EN3 : Parts 1 - 6 : 1996 and SS232 : Parts 1 - 6 : 1999. It is suitable to be used for fighting Class "B" (flammable liquid) and Class "C" (electrical) fire.

The carbon dioxide gas extinguishes the fire by directing the jet of CO2 gas to the base of the fire, thus covering the air around the fire and reduce the oxygen level at the fire point. This will prevent the fire from spreading further and re-igniting again.

CO2 fire extinguishers are extensively used in food industry, electronic factories, ships, electrical plants or rooms, offices, etc.,. It is a clean extinguishant agent and do not leave any residue after it has been discharged.

CONSTRUCTION:

The cylinder body is seamless and extruded from high grade carbon manganese steel. All CO2 cylinders are pressure tested to 250 bars. The internal areas are sand blasted to rid it of rust and the external are spray epoxy/polyester powder coated and oven baked at 180 degree Celsius.

The 2.0Kg capacity is fitted with a swivel discharge built-in nozzle horn and the 5.0Kg capacity and above are fitted with a discharge high pressure hose and horn.

The fire extinguisher valve is a high pressure type made of brass material, finished in nickel chrome and incorporates a safety disc inside.

SAFETY:

CO2 can burn the skin if the extinguisher is held incorrectly. The gas can also cause suffocation if it has been discharged in an enclosed room. If this happens, it is advisable to seek medical treatment immediately.

It is recommended that all personnel should be trained in the operation of the portable fire extinguisher for their own safety and to maximise the effectiveness of the extinguishant.

APPROVAL:

PSB Listed under Class 1A (Singapore).



TECHNICAL SPECIFICATIONS

Model	PRO-2-CD	PRO-5-CD	PRO-6.8-CD	PRO-9-CD
Capacity	2.0Kg	5.0Kg	6.8Kg	9.0Kg
Extinguisher Agent	Carbon Dioxide Gas (CO2)			
Type	Stored Pressure			
Class of Fire	B, C			
Fire Ratings	21B	55B	NA	NA
Working Temperature	-20 to +60 Deg.C			
Working Pressure	70 Bars			
Test Pressure	250 Bars			
Overall Height	540mm	700mm	760mm	830mm
Diameter	114mm	152mm	152mm	168mm
Empty Weight	6.5Kg	13.5Kg	17.6Kg	20.0Kg
Full Weight	8.5Kg	19.0Kg	24.5Kg	29.0Kg
Min. Discharge Range	2.0M	2.5M	2.5M	2.5M
Min. Discharge Time	9 sec	14 sec	14 sec	16 sec
Cylinder Material	Carbon Manganese Steel			
Extinguisher Valve	High Pressure Brass Extinguisher Valve			
Paint Finish	"Red" Epoxy Paint			
Approval	PSB Listed	-	-	-

*Due to the improvement in the design and standard, we reserve the right to change the specifications without prior notice.