

# CARBON DIOXIDE (CO<sub>2</sub>) MOBILE FIRE EXTINGUISHER

## GENERAL

**"Protec"** Carbon Dioxide (CO<sub>2</sub>) wheel trolley mobile fire extinguishers are manufactured and conformed to BS EN 1866 standard under strict ISO 9001:2008 Quality Management System.

Carbon dioxide gas has a cooling effect which extinguishes the fire by directing the jet of CO<sub>2</sub> gas to the base of the fire and covering the air around the fire, reducing the oxygen level at the fire point. This will prevent the fire from spreading further and re-igniting again.

Carbon Dioxide is tested on class B (flammable liquid) and electrical energised fires and is used as a clean extinguishing agent.

CO<sub>2</sub> fire extinguishers are extensively used in electronic factories, ships, electrical and generator plants or rooms. It is a clean extinguishant agent and do not leave any residue after it has been discharged.

## FEATURES

- Manufacture in accordance with and tested to BS EN1866.
- CE marked in accordance with the PED.
- Safe, reliable and quality assured for long service life.

## SAFETY

CO<sub>2</sub> 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 mobile fire extinguisher for their own safety and to maximise the effectiveness of the extinguishing agent.



## APPROVAL

- LPCB, UK
- SETSCO Singapore

## TECHNICAL SPECIFICATIONS

Model	PRO-10-CD	PRO-20-CD	PRO-30-CD
Capacity	10 KG	20 KG	30 KG
Extinguisher Agent	CO <sub>2</sub>		
Type	Stored Pressure		
Class of Fire	B		
Fire Ratings	144 B	183 B	183 B
Working Temperature	-30°C + 60°C		
Working Pressure	150 bar		
Test Pressure	225 bar		
Cylinder Diameter	150mm	205mm	225mm
Overall Height	1040mm	1270mm	1310mm
Width	340mm	550mm	550mm
Length	770mm	970mm	1110mm
Empty Weight	30 KG	65 KG	70 KG
Full Weight	40 KG	85 KG	100 KG
Min. Discharge Time	19 sec	42 sec	63 sec
Safe Operating Distance	2 to 3 metres		
Propellant	Steel		
Cylinder Material	Steel		
Extinguisher Valve	Brass Chrome		
Paint Finish	RAL 3000		
Approval (EN 1866-1 : 2007)	LPCB, UK & SETSCO SINGAPORE		