

# MOBILE DRY POWDER – CARTRIDGE TYPE



**Model: MDP 25C, MDP 30C, MDP 50C, MDP 75C, MDP 100C, MDP 150C**

## Application

- Trolley Fire Extinguishers are manufactured to provide protection for hazardous areas where the potential for large fire exists. They can be strategically located to provide maximum protection for a wide variety of hazards, while taking up a minimum of space, and requiring only one trained person for operation.
- This wheeled extinguisher is completely self-contained. An attached nitrogen cylinder is the only pressure source required to completely expel the fire extinguishing agent.
- Some typical applications include paint spray booths, offshore platforms, loading racks, fuel storage areas, airports, and heavy manufacturing operations.
- Cartridge type dry powder fire extinguisher, suitable for A, B, C & E fire classes such as wood flammable liquids, gases & electric fire.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1 & 3.3.

## Features

- Polyester resin electrostatically coated to give high quality as before.
- Quality machined and chrome plated brass safety vale with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality external CO<sub>2</sub> / N<sub>2</sub> Cartridge available.
- Durable components and least spare parts consumption.
- Two wheels as a standard.
- Easy pressurization by turning the nitrogen cylinder hand valve.
- Simple operation provided by discharged Bristol nozzle with level position on & off valve.
- Bristol nozzle barrel provides a solid, round agent stream.
- Standard fill cap indicates when unit is pressurized.
- Options: hard pistol nozzle, quick-opening nitrogen cylinder valve, heavy-duty rubber coated wheels.
- 1 year limited warranty.
- 3 wheel driving cylinder available.

## Standard Portable sizes

25Kg, 30Kg, 50Kg, 75Kg, 100Kg & 150Kg

## Packing

Single piece cardboard boxes.

## Temperature

Standard models are equipped with nitrogen cylinders which are listed and approved for operation in environments with temperatures between -20 - +60 °C.

## Description

- Extinguisher shells are 100% factory hydrostatically tested in excess of 600 psi (41.4 bar).
- The powder paint process used by Bristol is superior to conventional liquid based paint systems in its ability to resist blistering, cracking, fading, chipping and corrosion.
- Before the extinguisher shells are painted, they are pretreated using a special phosphate bonding process. This enhances the paint adhesion and corrosion resistance.
- The specially formulated polyester powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
- Bristol extinguisher valve bodies are made from a durable brass chrome-plated and CE marked.
- Model serial numbers simplify inspection and maintenance record keeping.
- Bristol extinguishers are vacuum-filled at the factory to precise filling tolerances.
- Pressurized to 15 bar and 100% leak tested.
- Bristol's dry chemical extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These agents are then tested to be free-flowing, the water repellent and electrically non-conductive.
- As a final quality control step, Bristol extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.

# FIRE EXTINGUISHER



## Technical Data

Model Specification	MDP 25C	MDP 30C	MDP 50C	MDP 75C	MDP 100C	MDP 150C
Fire Class	ABCE					
Extinguishing Agent	ABCE Dry Chemical Powder					
Capacity (KG)	25	30	50	75	100	150
Discharge Time (sec)	40	45	50	60	70	90
Operating Temp Range(°C)	From -20 °C to +60 °C					
Test Data (bar) Working Pressure	12 to 15 bar					
Test pressure	25 to 30 bar					
Dimensions and Weights Overall height (mm)	880	1020	1020	1150	1170	1410