

# Britannia Premier Cartridge Operated Fire Extinguisher BM9 - Monnex Dry Powder



POWDER




## BM9 Monnex Dry Powder



Monnex is based on a Potassium bicarbonate – urea complex. The extinguishing powder interferes with the chemical reactions and the fire is extinguished. In the combustion zone Monnex powder explodes breaking into smaller particles which dramatically increases the surface area of the powder.

The Monnex powder is nonconductive and will extinguish Class B (flammable liquid) fires and Class C (flammable gas) fires.

## Features

- Manufactured in Great Britain 
- Britannia offer a 7 year quality guarantee against material defects and workmanship
- Die cast zinc colour coded headcap
- Large neck ring enables servicing, refilling and internal inspection to be conducted with ease
- 150 gram CO<sub>2</sub> cartridge
- All weather service indicator studs
- Additional anti-corrosion treatment available
- Patented balance valve for ultimate fluidization of compacted powder ensuring complete discharge
- Also available as a lower cost Super BC powder model
- Main approvals and certifications as below

EN3



## TECHNICAL SPECIFICATION

Model	Capacity (Kg)	Fire Rating	Full Weight (Kgs)	Temp Range	Operating Pressure (Bar) @ 20°C	Discharge Duration (Secs)	Discharge Range (M)	Diameter (mm)	Height (mm)
BM9	9	233B	15.7	-20° to + 60°C	12	27	7	190	600

## SPECIFICATIONS

Gas Cartridge	150gram CO <sub>2</sub>
Operating Pressure @ 20°C	12bar
Test Pressure (PT)	26bar
Maximum Allowable Pressure (PS)	18bar
Minimum Burst Pressure	55bar
Cylinder Material	1.6mm Thick Mild Steel to EN 10111 - DD12
Operating Head Material	Zinc Alloy to EN 1774 - ZnAl4 (ZL3)
Hose and Nozzle	Hose - EPDM Synthetic Rubber
Finish - Red RAL3000 UV Protection	Polyester Powder Paint - Thickness (85 microns avg)
Anti-Corrosion Treatment if Requested	Zinc Coating

## COMPONENT PARTS

Item	Description	Part No.
A	Headcap Assembly	BRH0016B
B	Welded Body Assembly	BODYXLUL
C	Syphon Tube Assembly	BRH-ST09P
D	Gas Tube Assembly	BR0486
E	Skirt Ring	BRH0460
F	Cartridge	C150
G	Hose Assembly and Nozzle	BR0502
H	Service Indicator Stud (Colour Coded) 1. Service Year, 2. Discharge Year	BRH0185
I	Oetiker Clip	BR0540
J	Safety Pin	BRH0180
K	Nut Ring	BRH0105
L		
M	Spring	BRH0200
N	O Ring	BRH0230
O	Valve Control Assembly	BRH0400
P	Cartridge/Valve Holder	BRH0120
Q		
R		
S		
T	Balance Valve	BRH0140
U	Balance Valve Holder	BRH0130
V	Transport Bracket & Strap	BRH0314
-	Pull Tight Seal	BRH0175
-	Wall Bracket	BRH0195
-	9KG Monnex Powder refill	PM9
-	Headcap Spanner	HCS
-	Valve Holder Ring Spanner	SPANNER27MM

