

# Britannia Premier Cartridge Operated Fire Extinguisher BS12 - BC Dry Powder



POWDER



## BS12 BC Dry Powder



BC powder is based on Sodium bicarbonate. The extinguishing powder interferes with the chemical reactions that take place in the combustion zone, thus the flame ceases to exist and the fire is extinguished.

The powder is nonconductive and may be used in the presence of an electric current.

BC powder 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
- Main approvals and certifications as below



## 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)
BS12	12	233B	18.4	-20° to + 60°C	12	28	7	190	570

## 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 - ZnA14 (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	BRH1100B
B	Welded Body Assembly	BODYLUL
C	Syphon Tube Assembly	BRH-ST12P
D	Gas Tube Assembly	BR0680
E	Skirt Ring	BRH0460
F	Cartridge	C150
G	Hose Assembly and Nozzle	BR0482
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	BRH0401
P	Cartridge/Valve Holder	BRH0120
Q		
R		
S		
T	Balance Valve	BRH0140
U	Balance Valve Holder	BRH0130
V	Transport Bracket & Strap	BRH0310
-	Pull Tight Seal	BRH0175
-	Wall Bracket	BRH0195
-	12kg BC Powder refill	PS25
-	Cartridge Spanner	SPANNER22MM
-	Headcap Spanner	HCS
-	Valve Holder Ring Spanner	SPANNER27MM

