



DATA SHEET

ABC Dry Powder Cartridge Operated Fire Extinguisher - 12kg

ABC 40 powder is a combination of M ammonium phosphate and ammonium sulphate.

On Class A fires the particles fuse and swell to form a barrier which excludes oxygen and prevents re-ignition. On Class B fires the powder interferes with the chemical reactions, thus the flame ceases to exist.

ABC 40 powder is nonconductive and will extinguish Class A (carbonaceous) fires, Class B (flammable liquid) fires, and Class C (flammable gas) fires.

Marine model available

Features

- 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 CO₂ 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)
BA12	12	43A/233B	18.7	-20° to + 60°C	12	34	7	190	600

SPECIFICATIONS

Gas Cartridge	150gram CO ₂
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	BRH0017B
B	Welded Body Assembly	BODYXLUL
C	Syphon Tube Assembly	BRH-ST12P
D	Gas Tube Assembly	BRO656
E	Skirt Ring	BRH0460
F	Cartridge	C150
G	Hose Assembly and Nozzle	BR0494
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
-	12kg ABC 40 Powder refill	PA12
-	Cartridge Spanner	SPANNER22MM
-	Headcap Spanner	HCS
-	Valve Holder Ring Spanner	SPANNER27MM

