

ABC POWDER PORTABLE EXTINGUISHERS (MAP 90) STORED PRESSURE

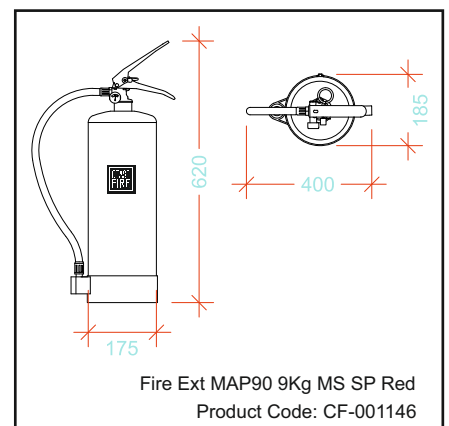
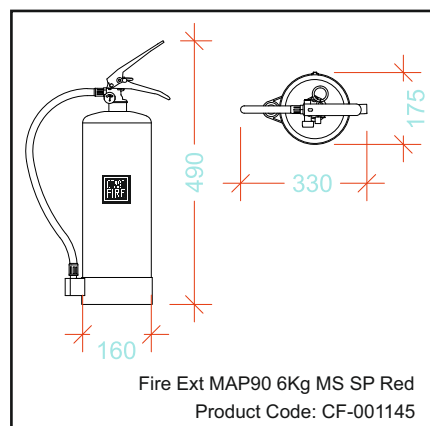
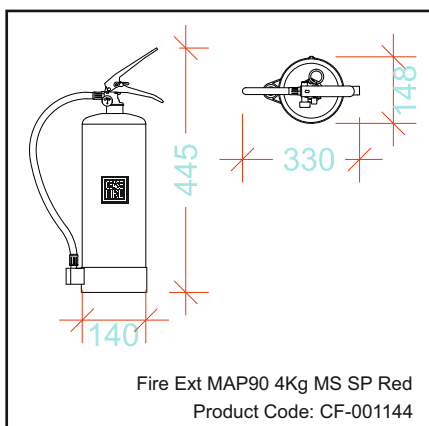
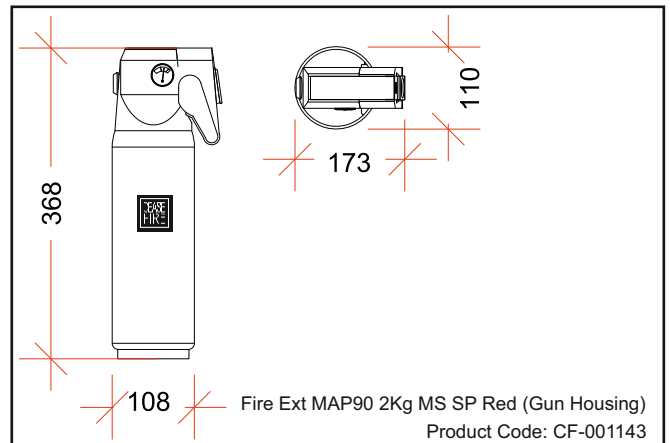
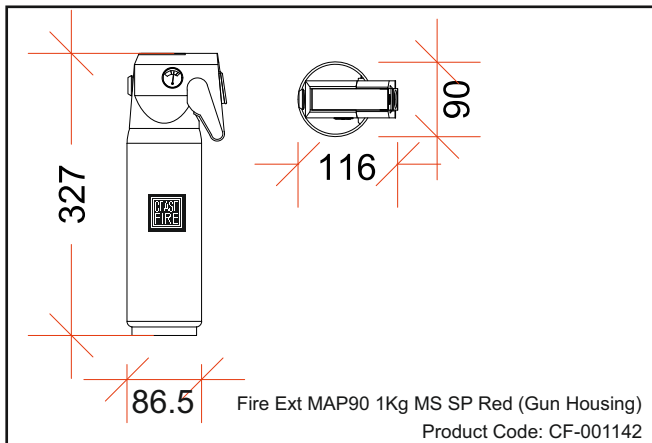
PRODUCT OVERVIEW

Fires can strike anytime and any place. In the fight against fire, speed is the key. The quickly one dozes off the fire, the better the chances of controlling fire and its associated damage. To prevent any kind of casualties from taking place a fire extinguisher act as the first line of defence against fire. ABC MAP 90 portable fire extinguishers contain the highest concentration i.e. 90% of Mono Ammonium Phosphate.

This makes these extinguishers the most potent and effective against fire. When sprayed on a burning surface, it absorbs the heat, melts, and fuses to form a thin, transparent layer thereby, cutting off the oxygen to prevent re-ignition. ABC MAP 90 fire extinguishers work on classes A, B, C, and Electrically started fires.



ENGINEERING DRAWINGS





TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-001142	CF-001143	CF-001144	CF-001145	CF-001146
Description	—	Fire Ext MAP90 1Kg MS SP Red (Gun Housing)	Fire Ext MAP90 2Kg MS SP Red (Gun Housing)	Fire Ext MAP90 4Kg MS SP Red	Fire Ext MAP90 6Kg MS SP Red	Fire Ext MAP90 9Kg MS SP Red
Capacity of Agent	Kg	1	2	4	6	9
Filling tolerance by Mass	%	± 2	± 2	± 2	± 2	± 2
Agent	—	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90
Certification Standard	—	ISO 9001 IS-15683 PED *EN3	ISO 9001 IS-15683 PED *EN3	ISO 9001 IS-15683 PED *EN3	ISO 9001 IS-15683 PED *EN3	ISO 9001 IS-15683 PED *EN3

VALVE

Material of Construction (MOC)	—	Brass				
Construction	—	Forging and machining				
Pressure Relief Valve (PRV)	—	No	No	Yes	Yes	Yes
Non Return Valve (NRV)	—	No	No	Yes	Yes	Yes

SHELL

Material of Construction (MOC)	—	Steel CR2 (Dc01)	Steel CR2 (DC01)	Steel CR2 (DC01)	Steel CR2 (DC01)	Steel CR2 (DC01)
Construction	—	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded

Product Code	UOM	CF-001142	CF-001143	CF-001144	CF-001145	CF-001146
Min. Wall Thickness	mm	1	1.4	1.2	1.4	1.4
Diameter of Shell (approx.)	mm	86.5	108	140	160	175
Total Height (approx.)	mm	327	368	445	490	620
Test Pressure	Bar	35	35	35	35	35
Anti-Corrosive Treatment External	—	Outer surfaces were EP Powder coated having Min. Thickness 50 Micron Shade 536/538 Of IS-5		Outer surfaces were EP Powder coated having Min. Thickness 50 Micron Shade 536/538 Of IS-5		
Service Pressure	Bar	15	15	15	15	15
Type of Operating Mechanism	—	Thumb Triggered	Thumb Triggered	Squeeze Grip	Squeeze Grip	Squeeze Grip
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
MOC and Length of Hose	mm	Direct Nozzle	Direct Nozzle	EPDM Rubber Braided Hose Pipe with nozzle min. Length of Flexible Portion Of Hose 400 mm	EPDM Rubber Braided Hose Pipe with nozzle min. Length of Flexible Portion Of Hose 400 mm	EPDM Rubber Braided Hose Pipe with nozzle min. Length of Flexible Portion Of Hose 650 mm
Minimum Throw Distance (BRD as per IS-15683)	Meter	> 2	> 2	> 2	> 2	> 2
Min. Discharge Time (as per IS-15683)	Sec.	8	9	15	15	15
Applicable to Type of Fire	—	Class A, B, C & Electrical Started Fire	Class A, B, C & Electrical Started Fire	Class A, B, C & Electrical Started Fire	Class A, B, C & Electrical Started Fire	Class A, B, C & Electrical Started Fire



Product Code		UOM	CF-001142	CF-001143	CF-001144	CF-001145	CF-001146
Fire Rating	IS 15683 Ratings	—	1A 34B	3A 70B	4A 144B	6A 183B	6A 233B
	EN-3 Rating	—	5A 21B	13A 55B	21A 144B	27A 183B	43A 233B
Operating Temperature Range		°C	From -30 to +60	From -30 to +60	From -30 to +60	From -30 to +60	From -30 to +60
Extinguisher Label		—	Screen printed	Screen printed	Screen printed	Screen printed	Screen printed
Glow in the Dark Fire Extinguisher Locator		—	No	No	Yes	Yes	Yes
Green Packaging (Environment Friendly)		—	Yes	Yes	Yes	Yes	Yes
Gross Weight**		Kg	1.85 to 2.10	3.30 to 3.50	6.20 to 6.50	9.0 to 9.35	13.20 to 13.60
Product Warranty***		Year	10	10	10	10	10
MOUNTING ARRANGEMENT							
Bracket		—	Wire Bracket	Wire Bracket	L Bracket with J hanger	L Bracket with J hanger	L Bracket with J hanger

*Technical approval to EN 3 except EN 3-7 clause 16.2 LPCB ref 1329h.

**It includes Empty Extinguisher, Contents, Plastic Base, Hose / Horn and bracket.

***The warranty is subject to the terms and conditions mentioned on the warranty card.

CERTIFICATIONS



PRODUCT PICTURES



1 KG



2 KG



4 KG



6 KG



9 KG

*v3' Published Date is 07-09-2026.

**Regular R&D and product improvisations may lead to change in product specifications in this data sheet, without any prior notice.

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