

BRISTOL



FIRE EXTINGUISHER

PORTABLE, MOBILE AND AUTOMATIC



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Fire Extinguisher



• Mobile

• Automatic

A fire extinguisher is an active fire protection device used to extinguish or control small fires, often in emergency situations

Portable Fire Extinguishers are used for putting out or containing small fire until the fire department arrives. Bristol Portable Fire Extinguishers comply to BS EN – 3, they are light weight and easy to use, suitable for industrial, commercial and home use.

Mobile Fire Extinguishers are mounted on trolleys for transportation. They have higher capacity than that of Portable Fire Extinguishers and are therefore more advisable to be used for relatively larger fires. Bristol Mobile Fire Extinguishers comply to BS EN 1866-1:2007.

Automatic Dry Powder Extinguishers are ideal for use in unmanned or confined locations.

FEATURES

- Easy grip control valve
- Seamless Cylinder
- Refillable and parts are replaceable
- Comes with heavy-duty bracket
- Available in different Extinguishing agent
- BS EN and CE Approved

COMPONENTS



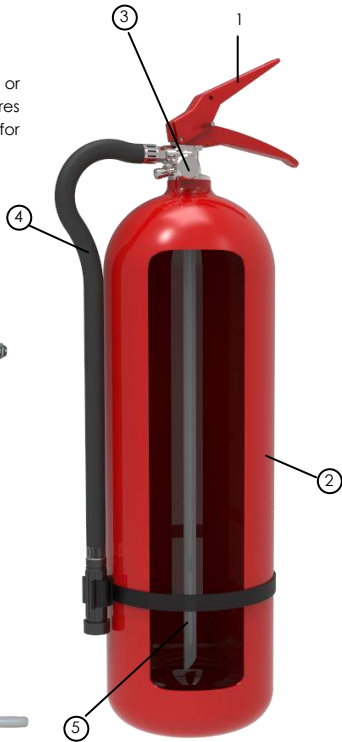
3) Pressure Gauge

Indicates the pressure level or Extinguisher agent level. It assures that there is still enough pressure for the extinguisher to be successful.



5) Dip Tube

Plastic siphon tube leads from the bottom of the fire-suppressant reservoir to the top of the extinguisher.



EXTINGUISHERS

DRY CHEMICAL POWDER

Dry Chemical Powder Fire Extinguishers are the most widely used type of fire extinguisher. They discharge a fine powder that absorbs fuel molecules, depriving the fire of a fuel source.

CARBON DIOXIDE

Carbon Dioxide Fire Extinguishers are designed to protect areas where class B and electrical fires occur. Carbon Dioxide extinguishers are used indoors where winds and drafts do not affect discharge and where clean agent is required.

AQUEOUS FILM FORMING FOAM

Aqueous Film-Forming Foam (AFFF) Extinguishers can be used on class A and B fires and for vapor suppression. This is because the foam blankets the fuel preventing oxygen from reaching it.

WATER

Water Extinguishers are very effective against fires in furniture, fabrics, as well as deep-seated fires because it cools down the burning materials by absorbing the heat.

WET CHEMICAL

Wet Chemical Extinguishers are best effective against fire from fats and oil. It extinguishes the fire by forming a soapy foam blanket over the burning oil and by cooling the oil below its ignition temperature.

WATER MIST

Water Mist Extinguisher provides safety from electrical shock, greatly enhances the cooling and soaking characteristics of the agent and reduces scattering of burning materials.

CLEAN AGENT (HFC227ea)

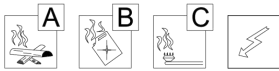
HFC-227ea provides superior fire protection in a wide range of applications from sensitive electrical equipment to industrial applications using flammable liquids. HFC-227ea is ideal for applications where clean-up of other media presents a problem, where weight versus suppression potential is a factor.

Technical Specifications

• Portable

Dry Chemical Powder

BSI Kitemark Approved, Pressure Type



Model	DP1	DP2	DP4	DP6	DP9	DP12
Fire Class	ABC					
Extinguishing Agent	40% ABC Dry Chemical Powder					
Capacity	1kg	2kg	4kg	6kg	9kg	12kg
Propellant	Nitrogen					
Fire Rating (BS EN3-7:2004+A1:2007)	5A&34B	13A&70B	21A&113B	27A&183B	34A&233B	43A&233B
Discharge Duration	6s	9s	12s	15s	18s	23s
Operating Temperature Range	-20°C to 60°C					
Working Pressure	15BAR					
Test Pressure	27BAR					
Total Height	300mm	340mm	470mm	520mm	560mm	610mm
Cylinder Diameter	86mm	120mm	140mm	161mm	190mm	190mm
Cylinder Material	Steel					
Body Color	RAL 3000 (Signal Red)					
Approx. Weight	2kg	3.5kg	6.5kg	9.5kg	13kg	16.5kg

Cartridge Type



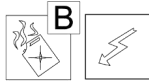
Model	DP4.5CN	DP6CN	DP9CN	DP12CN
Fire Class	ABC			
Extinguishing Agent	40% ABC Dry Chemical Powder			
Capacity	4.5kg	6kg	9kg	12kg
Propellant	Nitrogen			
Operating Temperature Range	-20°C to 60°C			
Working Pressure	15BAR			
Test Pressure	27BAR			
Cylinder Material	Steel			
Body Color	RAL 3000 (Signal Red)			
Approx. Weight	7kg	9.5kg	13.5kg	17kg

Technical Specifications

- Portable

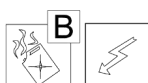
CARBON DIOXIDE

BSI Kitemark Approved, Alloy Steel Body



Model	CD2	CD5
Fire Class	BE	
Extinguishing Agent	Carbon Dioxide	
Capacity	2kg	5kg
Fire Rating (BS EN 3-7:2004+A1:2007)	34B	89B
Discharge Time	10s	15s
Operating Temperature Range	-20°C to 60°C	
Working Pressure	60bar	
Test Pressure	250bar	
Total Height	58cm	76cm
Cylinder Diameter	10.5cm	13.8cm
Cylinder Material	34CrMo4 (Alloy Special Steel)	
Body Color	RAL 3000 (Signal Red)	
Approx. Weight	7.5kg	17kg

BSI Kitemark Approved, Aluminum Body



Model	CD2A	CD5A
Fire Class	BE	
Extinguishing Agent	Carbon Dioxide	
Capacity	2kg	5kg
Fire Rating (BS EN 3-7:2004+A1:2007)	34B	89B
Discharge Time	10s	15s
Operating Temperature Range	-30°C to 60°C	
Working Pressure	60bar	
Test Pressure	250bar	
Total Height	56cm	67.5cm
Cylinder Diameter	11.1cm	15.9cm
Cylinder Material	Aluminum	
Body Color	RAL 3000 (Signal Red)	
Approx. Weight	6.5kg	13kg

Technical Specifications

- Portable

AQUEOUS FILM FORMING FOAM

BSI Kitemark Approved, Pressure Type



Model	FE6	FE9
Fire Class	AB	
Extinguishing Agent	Foam (3% AFFF)	
Capacity	6L	9L
Propellant	Nitrogen	
Fire Rating (BS EN 3-7:2004+A1:2007)	13A & 144B	13A & 183B
Discharge Time	54s	76s
Operating Temperature Range	5°C to 60°C	
Working Pressure	15bar	
Test Pressure	27bar	
Total Height	57.5cm	62cm
Cylinder Diameter	16cm	13.8cm
Cylinder Material	Steel	
Body Color	RAL 3000 (Signal Red)	
Approx. Weight	10kg	14kg

Cartridge Type



Model	FE6CN	FE9CN
Fire Class	AB	
Extinguishing Agent	Foam (3% AFFF)	
Capacity	6L	9L
Propellant	Nitrogen / Carbon Dioxide	
Operating Temperature Range	5°C to 60°C	
Working Pressure	15bar	
Test Pressure	27bar	
Cylinder Material	Steel	
Body Color	RAL 3000 (Signal Red)	
Approx. Weight	10.5kg	14.5kg

Technical Specifications

• Portable

WATER

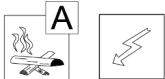
BSI Kitemark Approved, Pressure Type



KM 503775

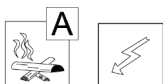


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Model	WE6	WE9
Fire Class	A	
Extinguishing Agent	Water	
Capacity	6L	9L
Propellant	Nitrogen	
Fire Rating (BS EN 3-7:2004+A1:2007)	8A	13A
Discharge Time	36s	47s
Operating Temperature Range	5°C to 60°C	
Working Pressure	15bar	
Test Pressure	27bar	
Total Height	60cm	71cm
Cylinder Diameter	16.1cm	17.5cm
Cylinder Material	Steel	
Body Color	RAL 3000 (Signal Red)	
Approx. Weight	10kg	14kg

Cartridge Type



Model	WE6CN	WE9CN
Fire Class	A	
Extinguishing Agent	Water	
Capacity	6L	9L
Propellant	Nitrogen / Carbon dioxide	
Operating Temperature Range	5°C to 60°C	
Working Pressure	15bar	
Test Pressure	27bar	
Cylinder Material	Steel	
Body Color	RAL 3000 (Signal Red)	
Approx. Weight	10.5kg	14.5kg

Technical Specifications

• Portable

WET CHEMICAL

BSI Kitemark Approved, Pressure Type



KM 503775



Model	BFE WC6
Fire Class	AF
Extinguishing Agent	Wet Chemical
Capacity	6L
Propellant	Nitrogen
Fire Rating (BS EN 3-7:2004+A1:2007)	13A & 75F
Discharge Time	37s
Operating Temperature Range	5°C to 60°C
Working Pressure	14bar
Test Pressure	27bar
Total Height	57cm
Cylinder Diameter	16.2cm
Cylinder Material	Steel
Body Color	RAL 3000 (Signal Red)
Total Weight	11kg

WATER MIST



Model	WM2	WM3	WM6	WM9	WM6S	WM9S
Fire Class	AE					
Extinguishing Agent	Water					
Capacity	2L	3L	6L	9L	6L	9L
Propellant	Nitrogen					
Operating Temperature Range	5°C to 60°C					
Working Pressure	15bar					
Test Pressure	27bar					
Total Height	400mm	445mm	580mm	645mm	570	640mm
Cylinder Diameter	130mm	140mm	182mm	190mm	179.5	179.5mm
Cylinder Material	Steel			Stainless Steel		
Body Color	RAL 3000 (Signal Red)					
Approx. Weight	4.5kg	6kg	10kg	14.5kg	10kg	14kg

Technical Specifications

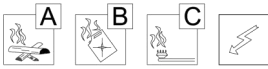
- Mobile

DRY CHEMICAL POWDER

BSI Kitemark Approved, Pressure Type



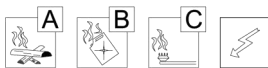
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BSI Kitemark Approved, Cartridge Type



KM 599358

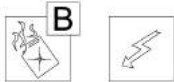


	BFE50C	BFE50C2
Fire Class		
Extinguishing Agent	40% ABC DCP	85% ABC DCP
Capacity	50kg	
Propellant	Nitrogen	
Fire Rating (BS EN 3-7:2004+A1:2007)	A & IIB	A & IVB
Operating Temperature Range	-30°C to 60°C	
Working Pressure	15bar	
Test Pressure	27bar	
Hose Length	≥5m	
Total Height	118m	118m
Width	50cm	50cm
Depth	65cm	65cm

Technical Specifications

- Mobile

CARBON DIOXIDE



Model	CD10	CD20	CD25	CD30	CD45	CD50
Fire Class	BE					
Extinguishing Agent	Carbon Dioxide					
Capacity	10kg	20kg	25kg	30kg	45kg	50kg
Propellant	Carbon Dioxide					
Operating Temperature Range	-20°C to 60°C					
Working Pressure	60bar					
Test Pressure	250bar					

WATER MIST



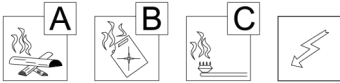
Model	WM25	WM50	WM100	WM25S	WM50S	WM100S
Fire Class	AF					
Extinguishing Agent	WATER					
Capacity	25L	50L	100L	25L	50L	100L
Propellant	Nitrogen /Air					
Operating Temperature Range	5°C to 60°C					
Working Pressure	15bar					
Test Pressure	27bar					
Cylinder Material	Steel			Stainless Steel		
Body Color	RAL 3000 (Signal Red)					

Technical Specifications

- Mobile

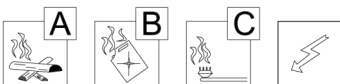
AQUEOUS FILM-FORMING FOAM

Pressure Type



Model	MDP25CN	MDP30CN	MDP50CN	MDP75CN	MDP100CN	MDP150CN
Fire Class	ABC					
Extinguishing Agent	40% ABC DCP					
Capacity	20kg	30kg	50kg	75kg	100kg	150kg
Propellant	Nitrogen / Carbon Dioxide					
Operating Temperature Range	-20°C to 60°C					
Working Pressure	15bar					

Test Pressure 27bar



Model	MDP25CN	MDP30CN	MDP50CN	MDP75CN	MDP100CN	MDP150CN
Fire Class	ABC					
Extinguishing Agent	40% ABC DCP					
Capacity	20kg	30kg	50kg	75kg	100kg	150kg
Propellant	Nitrogen / Carbon Dioxide					
Operating Temperature Range	-20°C to 60°C					
Working Pressure	15bar					

Test Pressure 27bar

Technical Specifications

- Mobile

WATER

Pressure Type



Model	MWE10	MWE20	MWE35
Fire Class	A		
Extinguishing Agent	Water		
Capacity	10gal	20gal	35gal
Propellant	Nitrogen		
Operating Temperature Range	5°C to 60°C		
Working Pressure	15bar		
Test Pressure	27bar		

Cartridge Type



Model	MWE10CN	MWE20CN	MWE35CN
Fire Class	A		
Extinguishing Agent	Water		
Capacity	10gal	20gal	35gal
Propellant	Nitrogen / Carbon Dioxide		
Operating Temperature Range	5°C to 60°C		
Working Pressure	15bar		
Test Pressure	27bar		

Technical Specifications

- Automatic



DRY CHEMICAL POWDER

Pressure Type



HFC 227 ea

Pressure Type



Model	DP4.5A	DP6A	DP9A	DP12A	DP25A
Fire Class	A				
Extinguishing Agent	40% ABC Dry Chemical Powder				
Capacity	4.5kg	6kg	9kg	12kg	25kg
Discharge Time	11s	15s	17s	21s	33s
Propellant	Carbon Dioxide				
Operating Temperature Range	-20°C to 60°C				
Sprinkler Bulb Temperature Rating	155°F / 68°C				
Recommended Coverage Area	10 to 20 sqm				
Working Pressure	15bar				
Test Pressure	27bar				
Body Color	RAL 3000 (Signal Red)				
Approx. Weight	7kg	10kg	14kg	17kg	33kg

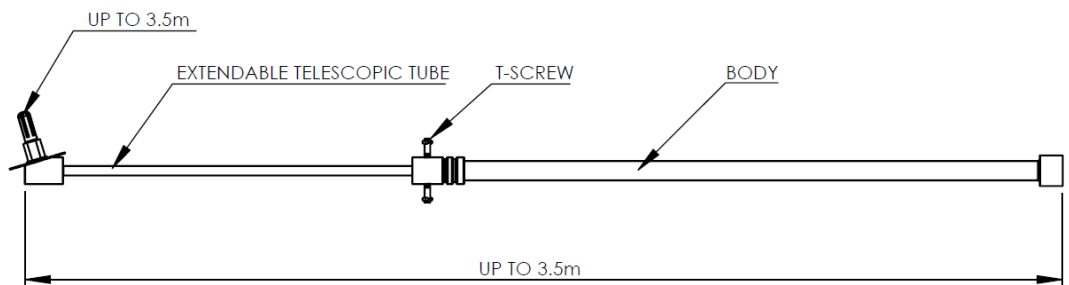
Model	HFC6A	HFC9A
Fire Class	ABC	
Extinguishing Agent	HFC-227ea	
Capacity	6kg	9kg
Discharge Time	10s	18s
Propellant	Nitrogen	
Operating Temperature Range	0°C to 50°C	
Sprinkler Bulb Temperature Rating	155°F / 68°C	
Recommended Coverage Volume	11 m ³	17 m ³
Working Pressure	15bar	
Test Pressure	27bar	
Approx. Weight	10kg	14kg



TELESCOPIC APPLICATOR

The telescopic applicators are the suitable mediums to extend the point of application to a difficult reach. It features an extendable telescopic tube by loosening the t-screw then simply extending by hand.

This increases the effectiveness of the fire extinguisher especially in case of the gaseous extinguishing agent because gas can diffuse very quickly compared to other fire extinguishing agent.



Technical Specifications

Parts & Accessories

• Parts

Valve Assembly



Bracket



Pressure Gauge



Rubber Hose w/ Horn



Strap



Dip Tube



* Please contact BRISTOL for Technical Information
* Photos may differ from actual items for fire extinguishers
* Other parts are available upon request



CERTIFICATE OF COMPLIANCE

bsi.
Kitemark™ Licence



This is to certify that: **Bristol Fire Engineering**
PO Box 74582
Dubai
UAE

Holds Kitemark Licence number: **KM 503775**

In respect of:
Portable fire extinguishers

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PO Box 74582
Dubai
UAE

Holds Kitemark Licence Number: **KM 599358**

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