BRISTOL



FIRE EXTINGUISHER

PORTABLE, MOBILE AND AUTOMATIC





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Fire Extinguisher

Portable

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 Extinguisher 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



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



5) Dip Tube

Allows to direct the flow of the extinguishing agent.

Plastic siphon tube leads from

the bottom of the fire-

suppressant reservoir to the

top of the extinguisher.



1) Valve Assembly

regulates the extinguishing agent flow. It is composed of a body, a handle to lift the fire extinguisher, a locking pin, a release lever and a dip tube. In stored pressure fire extinguisher we can also find a pressure gauge, or a pressure indicator.



2) Cylinder

Contain the extinguishing agent and the propellant necessary to provide the pressure to forcibly push the fire extinguishing agent out creating a spray.

www.bristol-fire.com

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.

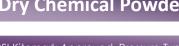
CLEAN AGENT (HFC227ea)

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.

Mobile

Automatic

Dry Chemical Powder





Model	DP1	DP2	DP4	DP6	DP9	DP12
Fire Class	ABC & Electrical					
Extinguishing Agent	40% ABC Dry Chemical Powder					
Capacity	1kg	2kg	4kg	6kg	9kg	12kg
Propellant	Nitrogen					
Fire Rating	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					
Approval		KM 503775				











Model	P1	P2	P4	P6	P9
Fire Class	ABC & Electrical				
Extinguishing Agent	40% ABC Dry Chemical Powder				
Capacity	1kg	2kg	4kg	6kg	9kg
Propellant			Nitrogen		
Fire Rating	8A&55B	13A&89B	27A&183B	43A&233b	55A&233B
Discharge Duration	8s	10s	17s	17s	22s
Operating Temperature Range	-30°C to 60°C				
Working Pressure	14BAR				
Approval	KM 743140				



Mobile

Automatic

Dry Chemical Powder

Pressure Type





Model	DP1N	DP2N	DP4N	DP6N	DP9N	DP12N
Fire Class	ABC & Electrical					
Extinguishing Agent	40% ABC Dry Chemical Powder					
Capacity	1kg	2kg	4kg	6kg	9kg	12kg
Propellant	Nitrogen					
Operating Temperature Range	-20°C to 60°C					
Working Pressure			1.5B	AR		











Pressure Type



Model	DP4.5CN	DP6CN	DP9CN	DP12CN
Fire Class	ABC & Electrical			
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			











Automatic

Wet Chemical



Model	WC6
Fire Class	AF
Extinguishing Agent	Wet Chemical
Capacity	6L
Propellant	Nitrogen
Fire Rating	13A &75F
Discharge Time	37s
Operating Temperature Range	5°C to 60°C
Working Pressure	14bar
Approval	KM 503775



Model	К6
Fire Class	AF
Extinguishing Agent	Wet Chemical
Capacity	6L
Propellant	Nitrogen
Fire Rating	34A, 233B & 75F
Discharge Time	30s
Operating Temperature Range	5°C to 60°C
Working Pressure	12bar
Approval	KM 743140

Technical Specifications

Portable

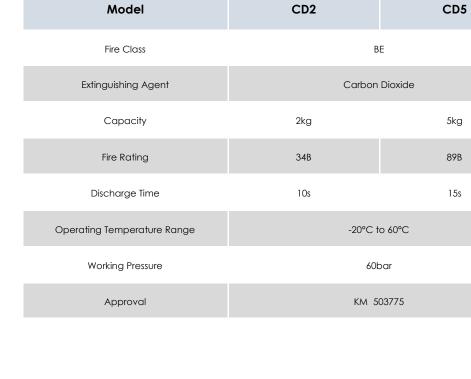
Mobile

Automatic

CARBON DIOXIDE

BSI Kitemark Approved, Alloy Steel Body







Model	C2	C5	
Fire Class	BE		
Extinguishing Agent	Carbon Dioxide		
Capacity	2kg	5kg	
Fire Rating	34B	89B	
Discharge Time	10s	15s	
Operating Temperature Range	-20°C to 60°C		
Working Pressure	170bar		
Approval	KM 743140		



Mobile

Automatic

CARBON DIOXIDE

BSI Kitemark Approved, Aluminum Body



Model	CD2A	CD5A	
Fire Class	BE		
Extinguishing Agent	Carbon Dioxide		
Capacity	2kg	5kg	
Fire Rating	34B	89B	
Discharge Time	10s	15s	
Operating Temperature Range	-20°C †	to 60°C	
Working Pressure	60bar		
Test Pressure	250bar		
Approval	KM 503775		





Alloy Steel Body



Model	CD2N	CD5N		
Fire Class	BE			
Extinguishing Agent	Carbon Dioxide			
Capacity	2kg 5kg			
Operating Temperature Range	-20°C to 60°C			
Working Pressure	60bar			



Mobile

Automatic

AQUEOUS FILM FORMING FOAM













Model	FE6	FE9	
Fire Class	А	В	
Extinguishing Agent	Foam (S	3% AFFF)	
Capacity	6L	9L	
Propellant	Nitro	ogen	
Fire Rating	13A &144B	13A & 183B	
Discharge Time	5 4 s	76s	
Operating Temperature Range	5°C to 60°C		
Working Pressure	15bar		
Approval	KM 5	03775	

Model	F6	F9		
Fire Class	AB			
Extinguishing Agent	Foam (3% AFFF)			
Capacity	6L 9L			
Propellant	Nitrogen			
Fire Rating	27A&183b 34A&233B			
Discharge Time	22s 730			
Operating Temperature Range	5°C to 60°C			
Working Pressure	12bar			
Approval	KM 743140			

Mobile

Automatic

AQUEOUS FILM FORMING FOAM

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			

WATER

Cartridge Type



Model	WE6CN	WE9CN		
Fire Class	Α			
Extinguishing Agent	Water			
Capacity	6L 9L			
Propellant	Nitrogen / Carbon dioxide			
Operating Temperature Range	5°C to 60°C			
Working Pressure	151	oar		

Mobile

Automatic









Model	WE6	WE9	
Fire Class		A	
Extinguishing Agent	Water		
Capacity	6L	9L	
Propellant	Nitrogen		
Fire Rating	8A	13A	
Discharge Time	36s	47s	
Operating Temperature Range	5°C to	o 60°C	
Working Pressure	15	bar	
Approval	KM 5	503775	

Model	W6	W9	
Fire Class	,	4	
Extinguishing Agent	Water		
Capacity	6L	9L	
Propellant	Nitrogen		
Fire Rating	8A	21A	
Discharge Time	36s	65s	
Operating Temperature Range	5°C to 60°C		
Working Pressure	12bar		
Approval	KM 7	43140	

• Mobile

Automatic

DRY CHEMICAL POWDER







|--|

Model	BFE25P BFE50P		BFE50P2		
Fire Class	ABC & Electrical				
Extinguishing Agent	40% AB	85% ABC DCP			
Capacity	25kg 50kg				
Propellant	Nitrogen				
Fire Rating	A & IIB A & IIIB A &				
Operating Temperature Range	-30°C to 60°C				
Working Pressure	15bar				
Approval	KM 599358				

Model	BFE25L BFE50L BFE10					
Fire Class	ABC & Electrical					
Extinguishing Agent	40% ABC DCP					
Capacity	25kg 50kg 100kg					
Propellant	Nitrogen					
Fire Rating	IIB C IVB C IVB C					
Operating Temperature Range	-30°C to 60°C					
Working Pressure	1.5bar					
Approval		LPCB 1092OC				

Technical Specifications

Portable

Mobile

Automatic

DRY CHEMICAL POWDER

BSI Kitemark Approved, Cartridge Type



Model	BFE50C	BFE50C2		
Fire Class				
Extinguishing Agent	40% ABC DCP	85% ABC DCP		
Capacity	50kg			
Propellant	Nitrogen			
Fire Rating	A & IIB A & IVB			
Operating Temperature Range	-30°C t	o 60°C		
Working Pressure	15bar			
Hose Length	≥5m			
Approval	KM 5	99358		

CARBON DIOXIDE

LPCB Approved







Model	CD10L	CD30L		
Fire Class	B & Electrical			
Extinguishing Agent	Carbon Dioxide			
Capacity	10kg 20kg 30kg			
Fire Rating	144B	183B		
Propellant	Carbon Dioxide			
Discharge Time	35s			
Operating Temperature Range	-30°C to 60°C			
Working Pressure	150bar			
Test Pressure	225bar			
Approval	LPCB 1092OC			
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Technical Specifications

Portable

Mobile

Automatic

CARBON DIOXIDE

Regular









AQUEOUS FILM-FORMING FOAM

LPCB Approved, Pressure Type







Model	MFE50L	MFE100L		
Fire Class	AB			
Extinguishing Agent	Foam (3% AFFF)			
Capacity	50 L 100 L			
Fire Rating	IVB IVB			
Propellant	Nitrogen / Carbon Dioxide			
Operating Temperature Range	5°C to 60°C			
Working Pressure	15bar			
Test Pressure	26bar			

Approval

LPCB 1092OC

Mobile

Automatic

Technical Specifications

AQUEOUS FILM-FORMING FOAM

Pressure Type







Model	MFE5N	MFE35N				
Fire Class	AB					
Extinguishing Agent	Foam (3% AFFF)					
Capacity	5 Gal 10 Gal 20 Gal 35 Gal					
Propellant	Nitrogen / Carbon Dioxide					
Operating Temperature Range	-20°C to 60°C					
Working Pressure	15bar					
Test Pressure		27b	oar			

Cartridge Type







Model	MFE25CN MFE30CN MFE50CN MFE75CN MFE100CN MFE150						
Fire Class	ABC						
Extinguishing Agent		Foam (3% AFFF)					
Capacity	20kg 30kg 50kg 75kg 100kg 150kg						
Propellant	Nitrogen / Carbon Dioxide						
Operating Temperature Range	-20°C to 60°C						
Working Pressure	1 <i>5</i> bar						
Test Pressure			2	7bar			

Technical Specifications

MWE35

35gal

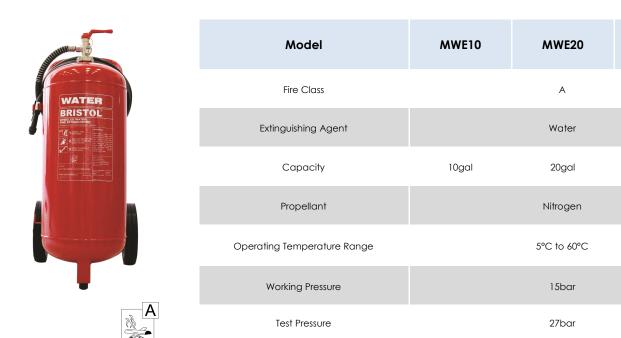
Portable

Mobile

Automatic

WATER

Pressure Type



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

Portable

Mobile

Automatic

DRY CHEMICAL POWDER

Pressure Type



Model	DP4.5A	DP6A	DP9A	DP12A	DP25A
Fire Class	ABC + Electrical				
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



HFC 227ea

Pressure Type













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 m³	17 m³	
Working Pressure	158	oar	
Test Pressure	271	oar	
Approx. Weight	10kg	14kg	

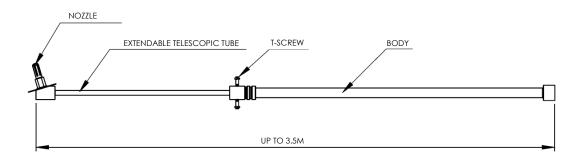


TELESCOPIC APPLICATOR



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.

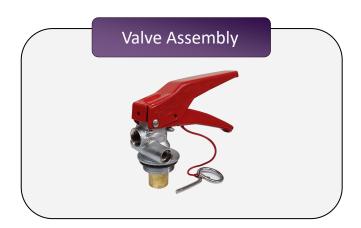
This increases the effectiveness of the fire extinguisher especially in case of the gaseous extinguishing agent because gas can diffuse very quickly compared to other fire extinguishing agent.



Technical Specifications

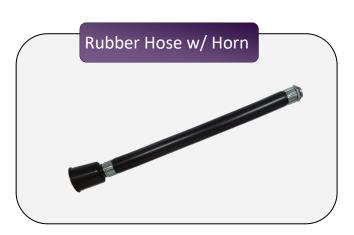
Model No.	TA001	
Material	Aluminum	
Maximum Length	3.5m	
Minimum Length	2m	
Operation Time	15s	
Approx. Weight	5kg	
Color	Black (RAL 9005)	



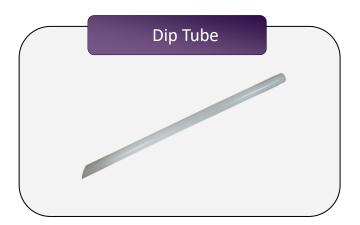












- * Please contact BRISTOL for Technical Information
- * Photos may differ from actual items for fire extinguishers
- * Other parts are available upon request



CERTIFICATE OF COMPLIANCE











CERTIFICATES







Over 100 Distributors Worldwide

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