BRSTOL

Firefighting Solutions Provider

Commercial I

Industrial I

High rise buildings

Cabinets
Fire Hoses
and Hose Reels



Design, Supply, Installation,
Testing, Commissioning,
Maintenance, and service
of Firefighting and Fire
Protection Systems

Think fire protection... ...Thank

BRISTOL

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CABINETS

Bristol Cabinets have an attractive and compact design with universal high quality standards. Bristol Cabinets can be surface mounted or recessed with architrave and 180° swinging action doors. Bristol Cabinets come in Mild Steel finish or Stainless Steel finish.



Mild Steel Cabinet Features

- 1.2 mm mild steel sheet polyester electrostatic. Back box, Door & Architrave
- Red polyester powder coated finish
- S.S paddle latch round lock
- Suitable for surface or recess mounting
- Round bar hinges
- 180°Swinging door action.V
- Door is right or left hand opening

Stainless Steel Cabinet Features

- 1.2 mm mild steel sheet body
- 316 Stainless steel doors and architraves
- Hair line Stainless steel finish
- Stainless steel paddle latch round lock
- Suitable for surface or recess mounting
- Full length stainless steel piano hinges
- 180°Swinging door action
- Door is right or left hand opening



Options for Mild Steel Single Cabinets

- Center pivot door (Except for Breeching Cabinet)
- Heavy duty magnetic cathers
- Full length door handle
- 1.5 mm thickness mild steel body or higher
- Wired glass paneled doors
- Other colors finish are available
- Solid double skin door
- Stainless steel piano hinges
- Pin type concealed hinges

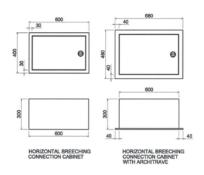
Options for Stainless Steel Single Cabinets

- Mirror image Stainless Steel finish
- Aluminium bdy construction
- Center pivot door (except for Breeching Cabinet)
- Heavy duty magnetic catchers
- Full length door handle
- Wood or Marble infill door
- Pin type concealed hinges
- Wired Glass Panelled doors
- Full Stainless Steel cabinet construction

Bristol Offer nine different types of Cabinets for different applications

Horizontal Breeching Connection Cabinet

Suitable for 2 way x4" inlet breeching valve, or 4 way x 6" inlet breaching valve







Equipment

Breeching Connection Valve

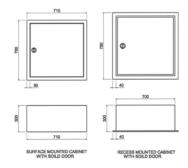
To B.S 5041 part-5 available in two way and 4 way connection types, standard colour finish is red, alternative colours to customer requirement on request. It is available in the following sizes

- 2 way horizontal flange type-595mm (width), 395mm(height),295(depth)
- 2 way vertical flange type-395mm (width),395mm(height),295mm(depth)
- 4 way square flange type-595mm(width),595mm(height),295mm(depth)

Model	Description		
MHS-B	Mild Steel, horizontal surface mounted Breeching connection Cabinet		
MHR-B	Mild Steel, horizontal recess mounted Breeching connection Cabinet		
SHS-B	Stainless Steel, horizontal surface mounted Breeching connection cabinet		
SHR-B	Stainless Steel horizontal recess mounted Breeching connection cabinet		

Single Extinguishers Cabinet

Houses up to 2 nos of either 4.5kg DP Extinguisher, 9 Ltr. Water/foam Extinguishers, or 2kg Co2 Extinguisher.





EquipmentPortable Fire Extinguishers

4.5 Kg or 6 Kg Chemical Dry Powder Extinguishers Model DP-10 for A,B,C & E fire classes

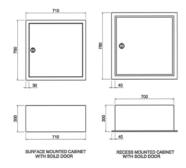
Carbon Dioxide (Co2) fire Extinguisher Model CD-2 or CD-5 for B,C & E fire classes



Model	Description		
MS-X	Mild Steel, horizontal surface mounted Extinguisher Cabinet		
MR-X	Mild Steel, horizontal recess mounted Extinguisher Cabinet		
SS-X	Stainless Steel, horizontal surface mounted Extinguisher Cabinet		
SR-X	Stainless Steel horizontal recess mounted Extinguisher Cabinet		

Single Fire Hose Cabinet

Suitable to fit one Bristol Hose 2.5" c/w accessories and one Bristol landing valve 2.5"





Equipment

- 1. Landing valve: Designed to B.S 2060 & B.S 5041 Available in following sizes & types:-
 - 2" Thread x2.5" INST 30°Landing valve bronze, Model 1711
 - 2" Thread x 2.5" 90° pin Rack landing valve Bronze Model 1713
 - 2.5" Flange x 2.5" INST.Landing valve (Bronze), Model 1718
 - 2.5" Flange x 2.5" INST. Landing valve with plastic cap & chain (Red finishing), Model 1719 2.5"Flange x 2.5" INST Combined landing valve with pressure regulator (Bronze), Model EPR.V 1722
 - 2.5"Flangex2.5" INST combined landing valve with pressure regulator (Red finishing) Model Standy P.R.V

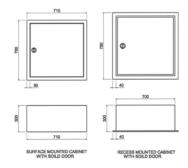


- Fire Hose: Synthetic rubber with textile reinforcement, Heavy duty Professional's fire hose to BS.6391 & 15636: 88 Standard length 100ft & 75 ft
- 3. Hose coupling: As standard hoses are normally equipped with light alloy aluminium male and female instantaneous couplings to BS.336 other couplings to customer requirements on request.
- Fire Hose Nozzeles: Available in two types:-Jet/spray/off Branch pipes, Model 1006 Diffuser type to BS 1490, Model DN
- 5. HoseRAck Assembly: Designed to BS. 5423. It is a pin type rack, red colour and usually furnished with stanely right angle valve.Model PRA

Model	Description		
MS-F	Mild Steel, surface mounted Fire Hose Cabinet		
MR-F	Mild Steel, recess mounted Fire Hose Cabinet		
SS-F	Stainless Steel, mounted Fire Hose Cabinet		
SR-F	Stainless Steel recess mounted Fire Hose Cabinet		

Single Hose Reel Cabinet

Suitable for side or door mounting hose reel.





Equipment

Hose Reel Consists of the following:-

Drum Assembly: Mild steel, heavy duty discs finished

in red polyester electrostatic powder coated available in automatic type model AD or manual type model MD.Both model fit up to 30 mtr.

hose tube length.

Hose Tube : A molded red synthetic rubber

covered with double braided polyester cord reinforced synthetic tube, to BS 3169 and 5119 size 1" model H1 or size 34" model H2



Nozzle : Two types of nozzles and two sizes classified as follows:

Chrome plated type size 1" model CN1, Chrome plated type size 3/4" model CN2 Nylon

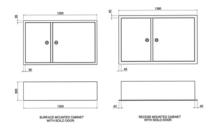
type size 1" model NN1, Nylon type size 3/4" model NN2

Valve : Lockshield ball valve, Chrome plated size 1" model V1 or size 3/4" model V2

Model	Description		
MS-R	Mild Steel, surface mounted Hose Reel Cabinet		
MR-R	Mild Steel, recess mounted Hose Reel Cabinet		
SS-R	Stainless Steel, surface mounted Hose Reel Cabinet		
SR-R	Stainless Steel recess mounted Hose Reel Cabinet		

Horizontal Fire Hose and Extinguishers Cabinet

One compartment to house up to 2 nos. of either 4.5 Kg or 6 Kg DP extinguisher, 9 liter. Water/foam extinguisher or 2 Kg and 5 Kg CO2 extinguisher and the other compartment to house one BRISTOL Fire hose c/w accessories and one 2.5" BRISTOL Landing valve.



Equipment

 Portable Fire Extinguisher
 LBS chemical dry powder Extinguisher Model DPA for A,B,C & E fire classes.
 Carbon Dioxide (Co2) fire Extinguisher Model CD-2 for B,C &E fire classes.





- 2. Landing valve; Designed to B.S 2060 & B.S 5041. Available in following sizes & types:-
 - 2"Thread x 2.5"INST 30°landing valve bronze model 1711
 - 2"Thread x 2.5"thread 90° Pin Rack landing valve Bronze Model 1713
 - 2.5"Flange x 2.5" INST.Landing valve (Bronze), Model 1718
 - 2.5" Flange x 2.5" INST.Landing valve with plastic cap & chain (Red finishing), Model 1719
 - 2.5"Flange x 2.5" INST combined landing valve with pressure regulator (Bronze), Model EP.R. V 1722
 - 2.5" Flange x 2.5" INST combined landing valve with pressure regulator (Red finishing) Model Standy P.R.V
- 3. Fire Hose: Synthetic rubber with textile reinforcement, Heavy duty Professional's fire hose to BS. 6391 & 15636: 88. Standard length 100ft & 75 ft., Standard diameter 2.5"
- 4. Hose coupling: As standard hoses are normally equipped with light alloy aluminium male and female instantaneous couplings to BS.336 other couplings to customer requirements on request.
- Fire Hose Nozzles: Available in two types:-Jet/spray/off Branch pipes, Model 1006 Diffuser type to BS 1490, Model DN
- 6. Hose Rack Assembly: Designed to BS. 5423. it is a pin type rack, red colour and usually furnished with stanely right angle valve. Model PRA

Model	Description		
MHS-XF	Mild Steel, horizontal surface mounted Extinguisher & Fire Hose Cabinet		
MHR-XF	Mild Steel, horizontal recess mounted Extinguisher & Fire Hose Cabinet		
SHS-XF	Stainless Steel, horizontal surface mounted Extinguisher & Fire Hose Cabinet		
SHR-XF	Stainless Steel horizontal recess mounted Extinguisher & Fire Hose Cabinet		

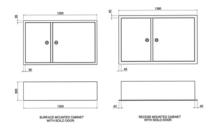
Horizontal Hose Reel and Extinguishers Cabinet

Bigger Compartment houses BRISTOL standard Hose Reel.

Small compartment suitable to house 2 nos. of either

4.5 Kg or 6 Kg DP Extinguisher, 9 Liter. Water/foam

Extinguisher or 2 Kg and 5 Kg Co2 Extinguisher.







Equipment

1. Hose Reel Consists of the following:-

Drum Assembly: Mild steel, heavy duty discs finished in red polyester electrostatic powder coated

available in automatic type model "AD" or manual type model MD.Both model fit up to

30 mtr.hose tube length.

Hose Tube : A molded red synthetic rubber covered with double braided polyester cord reinforced

synthetic tube, to BS 3169 and 5119 size 1" model H1 or size $\frac{3}{4}$ " model H2

Nozzle : Two types of nozzles ad two sizes classified as follows:

Chrome plated type size 1" model CN1, Chrome plated type size 3/4" model CN2

Nylon type size 1" model NNI, Nylon type size3/4" model NN2

Valve : Lockshield ball valve, Chrome plated size 1" model V1 or size 3/4" model V2

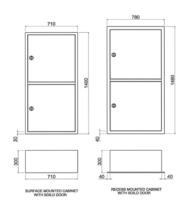
2. Portable Fire Extinguishers

10 LBS Chemical Dry powder Extinguisher Model DP4 for A,B,C & E fire classes. Carbon Dioxide (Co2) fire Extinguisher Model CD-2 for B,C & E fire classes.

Model	Description		
MHS-RX	Mild Steel, horizontal surface mounted Hose Reel & Extinguisher Cabinet		
MHR-RX	Mild Steel, horizontal recess mounted Hose Reel & Extinguisher Cabinet		
SHS-RX	Stainless Steel, horizontal surface mounted Hose Reel & Extinguisher Cabinet		
SHR-RX	Stainless Steel horizontal recess mounted Hose Reel & Extinguisher Cabinet		

Vertical Hose Reel and Extinguishers Cabinet

Upper compartment fits one no BRISTOL Hose Reel. Lower compartment can house up to 3 nos of either 4.5 kg or 6 kg DP Extinguisher, 9 letter water/foam Extinguisher or 2 kg or 5 kg CO₂ Extinguisher.







Equipment

1. Hose Reel Consists of the following:-

Drum Assembly: Mild steel, heavy duty discs finished in red polyester electrostatic powder coated

available in automatic type model "AD" or manual type model MD. Both model fit up to

30 mtr.hose tube length

Hose Tube : A molded red synthetic rubber covered with double braided polyester cord reinforced

synthetic tube, to BS 3169 and 5119 size 1" mod;e H1 or size 3/4" model H2

Nozzle : Two types of nozzles and two sizes classified as follows:

Chrome plated type size 1" model CN1, Chrome plated type size 3/4" model CN2 Nylon

type size 1" model NN1, model NN1, Nylon type size 3/4" model NN2

Valve : Lockshield ball valve, Chrome plated size 1" model V1 or size 3/4" model V2

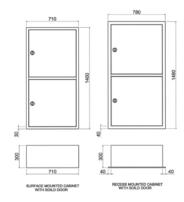
2. Portable Fire Extinguishers

10 LBS Chemical Dry Powder Extinguisher Model DP 4 for A,B,C & E fire classes. Carbon Dioxide (Co2) fire Extinguisher Model CD-2 for B,C & E fire classes.

Model	Description
MVS-RX	Mild Steel, surface mounted Hose Reel & Extinguisher Cabinet
MVR-RX	Mild Steel, recess mounted Hose Reel & Extinguisher Cabinet
SVS-RX	Stainless Steel, vertical surface mounted Hose Reel & Extinguisher Cabinet
SVR-RX	Stainless Steel vertical recess mounted Hose Reel & Extinguisher Cabinet

Vertical Fire Hose and Extinguishers Cabinet

Upper compartment fits one BRISTOL Fire Hose 2.5" c/w accessories and one BRISTOL Landing Valve. Lower compartment can house up to 3 nos. of either 4.5 kg or 6 kg DP Extinguisher, 9Ltr Water/foam Extinguisher or 2 kg or 5 kg CO₂ Extinguisher.







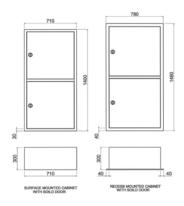
Equipment

- 1. Hose Reel Consists of the following:-
 - Drum Assembly: Mild Steel, heavy duty discs finished in red polyester electrostatic powder coated available in
 - automatic type model AD or manual type model MD. Both model fit up to 30 mtr.hose tube length. : A molded red synthetic rubber covered with double braided polyester cord reinforced synthetic
 - Hose Tube
 - tube, to BS 3169 and 5119 size 1" model H1 or size 3/4" model H2
 - : Two types of nozzles and two sizes classified as follows: **Nozzles**
 - Chrome plated type size 1" model CN1, Chrome plated type size 3/4" model CN2 Nylon type size
 - 1" model NN1, Nylon type size 3/4" model NN2
 - : Lockshield ball valve, Chrome plated size 1" model V1 or size 34" model V2 Valve
- 2. Landing valve: Designed to BS 2060 & BS 5041. Available in following sizes & types:-
 - 2" Thread x 2.5" INST 30°landing valve bronze model 1711
 - 2" Thread x2.5" thread 90°Pin Rack landing Valve Bronze Model 1713
 - 2.5" Flange x2.5"INST Landing Valve (Bronze), Model 1718
 - 2.5" Flange x 2.5" INST landing valve with plastic cap & chain (Red finishing), Model 1719
 - 2.5" Flange x 2.5" INST combined landing valve with pressure regulator (Bronze), Model EP.R.V 1722
 - 2.5" Flange x 2.5" INST combined landing valve with pressure regulator (Red Finishing)Model Standy P.R.V
- 3. Fire Hose: Synthetic rubber with textile reinforcement, Heavy duty Professional's fire hose to BS. 6391 &15636: 8.8 Standard length 100ft & 75 ft.
- 4. Hose coupling: As standard hoses are normally equipped with light alloy aluminium male and female instantaneous couplings to BS.336 other couplings to customer requirements on request.
- 5. Fire Hose Nozzles: Available in two types:-Jet/spray/off Branch pipes, Model 1006 and Diffuser type to BS 1490, Model DN
- 6. Hose Rack Assembly: Designed to BS.5423. It is a pin Type rack, red colour and usually furnished with stanely right angle valve.Model PRA

Model	Description		
MVS-XF	Mild Steel, vertical surface mounted Extinguisher & Fire Hose cabinet		
MVR-XF	Mild Steel, vertical recess mounted Extinguisher & Fire Hose Cabinet		
SVS-XF	Stainless Steel, vertical surface mounted Extinguisher & Fire Hose Cabinet		
SVR-XF	Stainless Steel vertical recess mounted Extinguisher & Fire Hose Cabinet		

Vertical Hose Reel and Fire Hose Cabinet

Upper compartment fits one BRISTOL Hose Reel.Lower compartment fits one BRISTOL Fire Hose 2.5" c/w accessories and one BRISTOL Landing Valve 2.5"







Equipment

Hose Tube

1. Hose Reel Consists of the following:-

Drum Assembly: Mild Steel, heavy duty discs finished in red polyester electrostatic powder coated available in

automatic type model AD or manual type model MD. Both model fit up to 30 mtr.hose tube length. : A molded red synthetic rubber covered with double braided polyester cord reinforced synthetic

tube, to BS 3169 and 5119 size 1" model H1 or size 3/4" model H2

Nozzles

: Two types of nozzles and two sizes classified as follows: Chrome plated type size 1" model CN1, Chrome plated type size 3/4" model CN2 Nylon type size

1" model NN1, Nylon type size 3/4" model NN2

: Lockshield ball valve, Chrome plated size 1" model V1 or size 3/4" model V2 Valve

2. Landing valve: Designed to BS 2060 & BS 5041. Available in following sizes & types:-

2" Thread x 2.5" INST 30°landing valve bronze model 1711

2" Thread x2.5" thread 90°Pin Rack landing Valve Bronze Model 1713

2.5" Flange x2.5"INST Landing Valve (Bronze), Model 1718

2.5" Flange x 2.5" INST landing valve with plastic cap & chain (Red finishing), Model 1719

2.5" Flange x 2.5" INST combined landing valve with pressure regulator (Bronze), Model EP.R.V 1722

2.5" Flange x 2.5" INST combined landing valve with pressure regulator (Red Finishing)Model Standy P.R.V

- 3. Fire Hose: Synthetic rubber with textile reinforcement, Heavy duty Professional's fire hose to BS. 6391 &15636: 8.8 Standard length 100ft & 75 ft.
- 4. Hose coupling: As standard hoses are normally equipped with light alloy aluminium male and female instantaneous couplings to BS.336 other couplings to customer requirements on request.
- 5. Fire Hose Nozzles: Available in two types:-Jet/spray/off Branch pipes, Model 1006 and Diffuser type to BS 1490, Model DN
- 6. Hose Rack Assembly: Designed to BS.5423. It is a pin Type rack, red colour and usually furnished with stanely right angle valve.Model PRA

Model	Description
MVS-RF	Mild Steel, vertical surface mounted Hose Reel & Fire Hose Cabinet
MVR-RF	Mild Steel, vertical recess mounted Hose Reel & Fire Hose Cabinet
SVS-XF	Stainless Steel, vertical surface mounted Hose Reel & Fire hose Cabinet
SVR-XF	Stainless Steel vertical recess mounted Hose Reel & Fire Hose Cabinet



FIRE HOSES AND ACCESSORIES BRISTOL



Standard manual type Stainless Steel manual type Standard automatic type Stainless Steel automatic type

8

Description

BRISTOL hose reels are designed and manufactured in compliance with the requirements of B.S 5274 & B.S.E.N 671. Extra options to customers requirements. For recess cabinets, Hosereels are ready for swinging, door mounting or fixed installations.BRISTOL Hosereels can be used without alteration for mounting with inlet to left/right or top/bottom of the Hosereel, also it is fitted with specially designed glandless type drip proof seal. This gives maximum flexibility to suit an extensive range of Architectural and installation requirements and makes it easy to install.



- Hose Reels Fitted with double braiding quality hose to B.S 3169 & 5119
- High density moulded jet/spray/off nozzle (PVC red colour or PVC Chrome plated)
- Lockshield Ball Valve confirming to B.S 1010
- Hose reel are fully assembled and hydraulically tested to 300 PSI complying to B.S 5274
- 1"(25mm)flexible water entry for all versions
- 1"(25mm) or 3/4"(20mm) outlet versions
- Ready for surface or recess installations
- For cabinet installation: side mounting, door mounting or on center pivot door.
- · For wall installation : swinging or fixed



- Drum plate is finished in red polyester electrostatic powder coated, or mirror stainless steel
- Hosesreel with anti corrosive components suitable for sea water is an opinion

Dimension

Size	Description	Туре	Drum Capacity	Dimensions mm	
1"(25 mm)	Manual Swinging /Fixed	Mild Stell Red Color	1"x30 mtr.Hose	A=560	B=178
1"(25 mm)	Manual Swinging /Fixed	Stainless Steel	1"x30 mtr.Hose	A=560	B=178
1"(25 mm)	Automatic Swinging /Fixed	Mild Stell Red Color	1"x30 mtr.Hose	A=560	B=178
1"(25 mm)	Automatic Swinging /Fixed	Stainless Steel	1"x30 mtr.Hose	A=560	B=178
3/4"(20 mm)	Manual Swinging /Fixed	Mild Stell Red Color	3/4" x 30 mtr.Hose	A=489	B=178
³ / ₄ " (20 mm)	Manual Swinging /Fixed	Stainless Steel	3/4"x 30 mtr.Hose	A=433	B=178
3/4" (20 mm)	Automatic Swinging /Fixed	Mild Stell Red Color	3/4" x 30 mtr.Hose	A=489	B=178
3/4" (20 mm)	Automatic Swinging /Fixed	Stainless Steel	3/4"x 30 mtr.Hose	A=433	B=178

Kitemark Approved

Material Finishing

Туре	Item	Description	Finishing
Standard	Drum	Mild Steel	Red Polyester
Stainless Steel	Drum	Stainless Steel	Mirror or Hair line
Standard/Stainless Steel	Water entry	Alumin. Alloy to B.S 1490 LM 16/LM 24	Red Polyester

Fire Hose

Bristol fire hoses designed for more stringent demands. The hose jacket is again made of a circular woven high tenacity polyester yarn, which if required, can also be offered as canvas Fire Hose. For the inner lining a rubber sleeve is used, providing great flexibility and adhesion for single or double jackets. This hose is offered in red color polynothanic coating in the outside. On request the quality can be further enhanced providing an increase bursting pressure (up to 150 bar) electro-conductivity with an electrical resistance below 10 Ohm and or an inner lining largely resistant against chemicals, oil and petrol.

Bristol Fire hoses for professional, fire brigades, oil field and heavy industry use. It's main distinct features is it's all one construction of synthetic rubber with textile reinforcement meeting B.S 6391 type and 15636.88 type.

Standard roll length 100ft or 75ft.other lengths to customer requirement can be supplied.

Each hose tested to 21 bars (300 psi) inless foreign standards require more.

Designed and manufactured in compliance with B.S 5274: 1985

Internal Diameter	1″	1 1/2"	1 3/4"	2″	2 1/2"	2 3/4"	3″	3 ½"	4"
Single Jacket									
Working Pressure (bar)	13	13	13	13	13	13	13	13	13
Test Pressure (bar)	26	26	26	26	26	26	26	26	26
Bursting Pressure for 1m (bar)	40	40	40	40	40	40	40	40	40
Weight (5%) (lbs100 ft)	9.4	15.4	16.4	20.1	25.5	29.5	32.2	38.9	48.3
Double Jacket									
Working Pressure (bar)	13	13	13	13	13	13	13	13	13
Test Pressure (bar)	26	26	26	26	26	26	26	26	26
Bursting Pressure for 1m (bar)	40	40	40	40	40	40	40	40	40
Weight (5%) (ibs/100 ft)	9.4	24.8	24.8	30.2	44.3	44.3	48.2	58.4	70.5

No Drying: No need to dry the hose. Bristol Fire Hose is mildew, rot proof and water proof. Water absorption id negligible. Just clean and coil and the hose is ready for service again.

Jet/Spray/off Branch Pipes:

The jet/spray branch pipe enables to choose full jet or variable jet from the shut off position. The spray is of advantage for various fire fighting applications.

Strong cooling with little water consumption through instantaneous evaporation resulting little water damage.

It fulfills all the requirements of fire brigades extremely robust and resistant to wear. The branch pipe may be filled with water curtains which can be operated independently in addition to jet and water spray.

Simple, reliable design, insensitive to dirt including fibers and dirt particles of fairly large

size very easy to cleaning through changeover to full or spray jet, which flushes out all dirt particles.

The angle of the water curtain is variable from 0° to 160°. At moments of danger the whole flow of water can be shut off at a single turn of the handle.



As standard hoses are normally equipped with light alloy aluminium male and female instantaneous coupling to BS . 336. other couplings to customers requirement on request. Burst brass, Bronze or gunmetal coupling option.

Diffuser

Are relevant to BS 1490 body of Aluminium alloy LM16 Or LM 24. With adjustable annular orifice which enables the jet of water to be controlled from shut off to small jet through to large jet and then to spray pattern by turning the rubber tired sleeve. The inlet is 65mm male instantaneous to BS 336. Overall rugged synthetic construction suitable for use with sea water. Maintenance free operation.





Feature

Highly Protected: The Compound of the cover and its profit protects the hose from damage by abrasion, puncture or impact.

Chemical Resistance: Bristol Fire Hose is manufactured to resist contact with a wide range of chemical products: oil, hydrocarbons, alkalis, salt water etc.

Weather Resistance: Outstanding performance at extreme temperature (- 20° C + 50°) protected against atmospheric weathering.

Strong: High Longitudinal tensile stands the passage of heavy vehicles. Very resistant to cuts and punctures. Resists continual flexing throughout its service life conserving its original built in strength.

Easily Cleaned: A quick wipe down is sufficient to keep await dirt an grit. If necessary it can be jet washed with detergent to remove chemicals etc.

Hydrant Valves

Hydrant Valves are designed to B.S 2060, B.S 5041, B.S 5041 Part2.

Inlet: Flanged or threaded to international standards.

Outlet: $65mm (2 \Omega'')$ female instantaneous. Full range of pattern including OBLIQUE, BIBNOSE and 30° to 90° types are available. Body made of gunmetal or brass with renewable hard composition rubber disc. Chrome plated valves on request, valves are manufactured to class 200 rating or PN32 designation. Blanking caps and plugs supplied on request.

Regulator Contorlled Pressure Hydrant Valves

Operation: Both "E" type and stanley type pressure regulators incorporates a spring loaded balanced pressure reducing valve combined with hydrant stop valve. Positive outlet pressure control is achieved by aventure section in the outlet flow away.

The pressure rise in "shut off" conditions is minimal under severe frost conditions, the regulator should be suitably protected to prevent any residual water in the regulator from freezing and adversely affecting its operation.

Applications: Fire mains systems in high rise buildings, for high pressure systems on oil rig platforms and in oil refineries and chemical plants. In conditions where length of water mains lead to high pressure drop where low pressure conditions are produced by pump characteristics.

Pressure Range: Outlet: 4.1 to 5.5 bar

5.5 to 8.3 bar

Inlet: 4.8 to 20.7 bar

Connections:

Outlet: $2 \Omega''$ instantaneous female coupling to B.S 336

Inlet : 1 Ω'' flanged ANSI150; suitable for B.S 4504 PN 16, B.S 10

Table H and DIN ND 16

Blank cap and chain fitted as standard.











Bristol Fire Engineering Fire Fighting Solutions Provider

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BRISTOL

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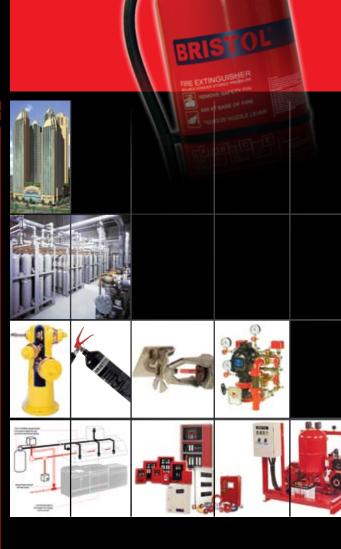


Commercial

Industrial

High rise buildings

Extinguishers



Design, Supply, Installation,
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Maintenance, and service
of Firefighting and Fire
Protection Systems

Think fire protection... ...Thank

BRISTOL

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PRESSURIZED DRY POWDER









Model: DP 1A, DP 1, DP 2, DP 3, DP 4/4.5, DP 6, DP 9, DP 12

Application

- Bristol dry chemical extinguishers are designed for protection of light and ordinary hazards. These compact and portable extinguishers are suited for both industrial and commercial fire protection needs. All extinguishers are designed to fit most wall-mounted storage cabinets. Typical applications include light manufacturing, warehousing, restaurants, office buildings, shop areas, auto repair shops, paint process areas, welding areas, machinery, apartment buildings, parking garages, aircraft servicing areas, material handling vehicles, and many others.
- Pressure type dry powder fire extinguisher, suitable for A, B, C & E fire classes such as wood, flammable liquids, gases & electric fire.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1 & 3.3.

Features

- Seamless deep drawn container made of high tensile cold rolled sheet.
- Minimal welding points.
- Polyester resin electrostatically coated to give high quality appearance & protection against corrosion.
- High bursting pressure.
- Quality silk-screen printing with operating instruction.
- Quality machined and chrome plated brass valve with EPDM .O. ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauge with EPDM .O. rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Economically priced.
- Meets or exceeds requirements of BS EN3.
- Simple operation and maintenance.
- Rechargeable.
- Manufactured of durable high quality materials.
- Choice or dry chemical agents to satisfy specific protection requirements.
- Easy-to-read pressure gauge.
- Manuals & parts lists available for training purposes.
- Also available with CO₂ cartridge operated internally for marine application.
- 1 year limited warranty from date of delivery to original end-user purchaser.

Description

- Bristol shells are produced by a single step cold deep draw process which yields a seamless steel cylinder with an extremely high tensile strength.
- Bristol's unique pre-treatment of the raw low carbon steel not only consists of a cleaning process, but also applies a special lubricant which helps keep the interior and exterior shell surfaces scratch free.
- The collar and specially preformed bottom enclosure are MIG welded to produce a smooth, high integrity weld.
- Extinguisher shells are 100% factory hydrostatically tested in excess of 600 psi (41.4 bar).
- The powder paint process used by Bristol is superior to conventional liquid based paint systems in its ability to resist blistering, cracking, fading, chipping and corrosion.
- Before the extinguisher shells are painted, they are pretreated using a special phosphate bonding process.
 This enhances the paint adhesion and corrosion resistance.
- The specially formulated polyester powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
- Bristol extinguisher valve bodies are made from a durable brass chrome-plated and CE marked.
- Model serial numbers simplify inspection and maintenance record keeping.
- Bristol extinguishers are vacuum-filled at the factory to precise filling tolerances.
- Pressurized to 15 bar and 100% leak tested.
- Bristol's dry chemical extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These agents are then tested to be free-flowing, the water repellent and electrically nonconductive.
- As a final quality control step, Bristol extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.







Agent

- A monoammonium phosphate-based agent for use of Class A (wood, paper, cloth), Class B (flammable liquids and gases), and Class C (electrical) fires.
- A potassium bicarbonate-based agent which is the most effective Bristol agent for knock-down of Class B (flammable liquids and gases) and C (electrical) fires.
- A sodium bicarbonate-based agent for use on Class B (flammable liquids and gases) and C (electrical) fires.

Standard Portable sizes

Packing

1 Kg., 2 Kg., & 3 Kg., 4/4.5 Kg., 6 Kg., 9 Kg., & 12 Kg.

Single piece cardboard boxes.

Model Specification	DP 1 A	DP 1	DP 2	DP 3	DP 4 / 4.5	DP 6	DP 9	DP 12	
Fire Class		ABCE							
Extinguishing Agent				ABCE Dry Cl	nemical Powder				
Capacity (KG)	1	2	2	6	4.5	6	9	12	
Discharge Time (sec)	6	6	9	14	17	20	23	32	
Operating Temp Range(°C)		From -20 °C to + 60 °C							
Propelling gas		Nitrogen							
Test Data (bar) Working Pressure		12 to 15 bar							
Test pressure				25 to	30 bar				
Dimensions and Weights Overa ll height (mm)	360	290	340	340	465	510	545	605	
Certification BUREAU VERITAS Certificate Reference No.	DBA 4.99.445/2	DBA 4.99.445/7	DBA 4.99.445/8	DBA 4.99.445/9	DBA 4.99.445/9	DBA 4.99.445/13	DBA 4.99.445/1	DBA 4.99.445/14	

Kitemark approved

Model	DP 1	DP 2	DP 4	DP 6	DP 9	DP 12	
Capacity (Kg)	1	2	4	6	9	12	
Cylinder Diameter (mm)	86	120	140	161	190	190	
Cylinder Height (mm)	250	280	378	425	460	510	
Cylinder Volume (I)	0.7	1.2	1.8	2.6	3.4	3.6	
Cylinder weight (Kg)	7.27	11.67	12.17	16	18.43	24.9	
Fire Rating	5A & 34B	13A & 70B	21A & 113B	27A & 183B	34A & 233B	43A & 233B	
Extinguisher Weight (Kg)	2.1	3.6	6.5	9.3	13.9	16.4	
Packing Size (L-W-H) (mm)	130 x 130 x 300	130 x 130 x 300					
Working Pressure (Bar)		12 to 15					
Test Pressure		25 to 30					
Operation Temerature			-20 °C to	+60 °C			









CARTRIDGE TYPE DRY POWDER









Model: DP 4 / 4.5C, DP 6C, DP 9C, DP 12C

Application

- Cartridge type dry powder fire extinguisher, suitable for A,B,C & E fire classes such as wood, flammable liquids, gases & electric fire
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1&3.3

Features

- Seamless deep drawn container made of high tensile cold rolled sheet.
- Minimal welding points.
- Polyester resin electrostatically coated to give high quality appearance & protection against corrosion.
- High bursting pressure.
- Quality silk-screen printing with operating instruction.
- Quality machined and chrome plated brass valve with EPDM .O. ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauge with EPDM .O. rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Economically priced.
- Meets or exceeds requirements of BS EN3.
- Simple operation and maintenance.
- Rechargeable.
- Manufactured of durable high quality materials.
- Choice or dry chemical agents to satisfy specific protection requirements.
- Easy-to-read pressure gauge.
- Manuals & parts lists available for training purposes.
- Also available with CO₂ cartridge operated internally for marine application.
- 1 year limited warranty from date of delivery to original end-user purchaser.

Description

- Bristol shells are produced by a single step cold deep draw process which yields a seamless steel cylinder with an extremely high tensile strength.
- Bristol's unique pre-treatment of the raw low carbon steel not only consists of a cleaning process, but also applies a special lubricant which helps keep the interior and exterior shell surfaces scratch free.
- The collar and specially preformed bottom enclosure are MIG welded to produce a smooth, high integrity weld.
- Extinguisher shells are 100% factory hydrostatically tested in excess of 600 psi (41.4 bar).
- The powder paint process used by Bristol is superior to conventional liquid based paint systems in its ability to resist blistering, cracking, fading, chipping and corrosion.
- Before the extinguisher shells are painted, they are pretreated using a special phosphate bonding process.
 This enhances the paint adhesion and corrosion resistance.
- The specially formulated polyester powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
- Bristol extinguisher valve bodies are made from a durable brass chrome-plated and CE marked.
- Model serial numbers simplify inspection and maintenance record keeping.
- Bristol extinguishers are vacuum-filled at the factory to precise filling tolerances.
- Pressurized to 15 bar and 100% leak tested.
- Bristol's dry chemical extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These agents are then tested to be free-flowing, the water repellent and electrically nonconductive.
- As a final quality control step, Bristol extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.

FIRE EXTINGUISHER



Standard Portable Sizes

4 kg, 4.5 kg, 6 kg, 9 kg &12 kg.

Packing

Single Piece cardboard boxes.

Model Specification	DP 4/4.5 C	DP 6 C	DP 9 C	DP 12 C				
Fire Class		ABCE						
Extinguishing Agent		ABCE Dry C	hemical Powder					
Capacity (KG)	4/4.5	12						
Discharge Time (sec)	14	17	21	26				
Operating Temp Range(°C)	From -20 °C to + 60 °C							
Propelling gas	Carbon Dioxide / Nitrogen							
Test Data (bar) Working Pressure		12 to 15 bar						
Test pressure		25 to	30 bar					
Dimensions and Weights Overa ll height (mm)	465	510	545	605				
Certification BUREAU VERITAS Certificate Reference No.	DBA 4.99.445/9	DBA 4.99.445/13	DBA 4.99.445/1	DBA 4.99.445/14				







PRESSURIZED DRY POWDER AUTOMATIC









Model: DP 4.5A, DP 6A, DP 9A, DP 12A

Application

- Pressure type dry powder fire extinguisher, suitable for A, B, C & E fire classes such as wood flammable liquids, gases & electric fire.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1 & 3.3.

Features

- Seamless deep drawn container made of high tensile cold rolled sheet.
- Minimal welding points.
- Polyester resin electrostatically coated to give high quality appearance & protection against corrosion.
- High bursting pressure.
- Quality silk-screen printing with operating instruction.
- Quality machined and chrome plated brass valve with EPDM .O. ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauge with EPDM .O. rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Economically priced.
- Meets or exceeds requirements of BS EN3.
- Simple operation and maintenance.
- Rechargeable.
- Manufactured of durable high quality materials.
- Choice or dry chemical agents to satisfy specific protection requirements.
- Easy-to-read pressure gauge.
- Manuals & parts lists available for training purposes.
- Also available with CO₂ cartridge operated internally for marine application.
- 1 year limited warranty from date of delivery to original end-user purchaser.

Description

- Bristol shells are produced by a single step cold deep draw process which yields a seamless steel cylinder with an extremely high tensile strength.
- Bristol's unique pre-treatment of the raw low carbon steel not only consists of a cleaning process, but also applies a special lubricant which helps keep the interior and exterior shell surfaces scratch free.
- The collar and specially preformed bottom enclosure are MIG welded to produce a smooth, high integrity weld.
- Extinguisher shells are 100% factory hydrostatically tested in excess of 600 psi (41.4 bar).
- The powder paint process used by Bristol is superior to conventional liquid based paint systems in its ability to resist blistering, cracking, fading, chipping and corrosion.
- Before the extinguisher shells are painted, they are pretreated using a special phosphate bonding process.
 This enhances the paint adhesion and corrosion resistance.
- The specially formulated polyester powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
- Bristol extinguisher valve bodies are made from a durable brass chrome-plated and CE marked.
- Model serial numbers simplify inspection and maintenance record keeping.
- Bristol extinguishers are vacuum-filled at the factory to precise filling tolerances.
- Pressurized to 15 bar and 100% leak tested.
- Bristol's dry chemical extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These agents are then tested to be free-flowing, the water repellent and electrically nonconductive.
- As a final quality control step, Bristol extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.

FIRE EXTINGUISHER



Standard Portable sizes

4.5 Kg., 6 Kg., 9 Kg. & 12 Kg.

Packing

Single piece cardboard boxes.

Technical Data

Model Specification	DP 4.5A	DP 6A	DP 9A	DP 12A			
Fire Class			ABCE				
Extinguishing Agent		А	BCE Dry Chemical Powder				
Capacity (KG)	4.5	4.5 6 9 12					
Discharge Time (sec)	4-5	5-6	4-5	5-6			
Operating Temp Range(°C)		From -20 °C to + 60 °C					
Test Data (bar) Working Pressure		12 – 15 bar					
Test pressure		25 to 30 bar					
Dimensions and Weights Overall height (mm)	367	427	500	550			
Certification BUREAU VERITAS Certificate Reference No.		DBA 4.99.445/10					







MOBILE DRY POWDER – PRESSURIZED









Model: MDP 25, MDP 30, MDP 50, MDP 75, MDP 100, MDP 150

Application

- Pressure type Mobile dry powder fire extinguisher, suitable for A,B,C & E fire classes such as wood, flammable liquids, gases & electric fire
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1&3.3

Features

- Polyester resin electrostatically coated to give high quality weather resistance.
- High bursting pressure.
- Trolley Nozzle with pistol type for ON and OFF..
- Quality machined and chrome plated brass valve with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauage with EPDM "O" ring.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Two wheels as standard
- Available with 3 wheels.

Specification

See Technical Data overleaf.

Standard Portable sizes

25Kg, 30Kg, 50Kg, 75Kg, 100Kg &150Kg

Description

- Extinguisher shells are 100% factory hydrostatically tested in excess of 600 psi (41.4 bar).
- The powder paint process used by Bristol is superior to conventional liquid based paint systems in its ability to resist blistering, cracking, fading, chipping and corrosion.
- Before the extinguisher shells are painted, they are pretreated using a special phosphate bonding process.
 This enhances the paint adhesion and corrosion resistance.
- The specially formulated polyester powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
- Bristol extinguisher valve bodies are made from a durable brass chrome-plated and CE marked.
- Model serial numbers simplify inspection and maintenance record keeping.
- Bristol extinguishers are vacuum-filled at the factory to precise filling tolerances.
- Pressurized to 15 bar and 100% leak tested.
- Bristol's dry chemical extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These agents are then tested to be free-flowing, the water repellent and electrically nonconductive.
- As a final quality control step, Bristol extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.

FIRE EXTINGUISHER



Technical Data

Model Specification	MDP 25	MDP 30	MDP 50	MDP 75	MDP 100	MDP 150	
Fire Class	ABCE						
Extinguishing Agent		ABCE Dry Chemical Powder					
Capacity (KG)	25	30	50	75	100	150	
Discharge Time (sec)	40	45	50	60	70	90	
Operating Temp Range(°C)		From -20 °C to +60 °C					
Propelling gas			Nitr	ogen			
Test Data (bar) Working Pressure		12 to 15 bar					
Test pressure	25 to 30 bar						
Dimensions and Weights Overall height (mm)	880	1020	1020	1150	1170	1410	







MOBILE DRY POWDER – CARTRIDGE TYPE









Model: MDP 25C, MDP 30C, MDP 50C, MDP 75C, MDP 100C, MDP 150C

Application

- Trolley Fire Extinguishers are manufactured to provide protection for hazardous areas where the potential for large fire exists. They can be strategically located to provide maximum protection for a wide variety of hazards, while taking up a minimum of space, and requiring only one trained person for operation.
- This wheeled extinguisher is completely self-contained. An attached nitrogen cylinder is the only pressure source required to completely expel the fire extinguishing agent.
- Some typical applications include paint spray booths, offshore platforms, loading racks, fuel storage areas, airports, and heavy manufacturing operations.
- Cartridge type dry powder fire extinguisher, suitable for A, B, C & E fire classes such as wood flammable liquids, gases & electric fire.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1 & 3.3.

Features

- Polyester resin electrostatically coated to give high quality as before.
- Quality machined and chrome plated brass safety vale with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality external CO₂ / N₂ Cartridge available.
- Durable components and least spare parts consumption.
- Two wheels as a standard.
- Easy pressurization by turning the nitrogen cylinder hand valve.
- Simple operation provided by discharged Bristol nozzle with level position on & off valve.
- Bristol nozzle barrel provides a solid, round agent stream.
- Standard fill cap indicates when unit is pressurized.
- Options: hard pistol nozzle, quick-opening nitrogen cylinder valve, heavy-duty rubber coated wheels.
- 1 year limited warranty.
- 3 wheel driving cylinder available.

Standard Portable sizes

25Kg, 30Kg, 50Kg, 75Kg, 100Kg &150Kg

Packing

Single piece cardboard boxes.

Temperature

Standard models are equipped with nitrogen cylinders which are listed and approved for operation in environments with temperatures between -20 - $+60^{\circ}$ C.

Description

- Extinguisher shells are 100% factory hydrostatically tested in excess of 600 psi (41.4 bar).
- The powder paint process used by Bristol is superior to conventional liquid based paint systems in its ability to resist blistering, cracking, fading, chipping and corrosion.
- Before the extinguisher shells are painted, they are pretreated using a special phosphate bonding process.
 This enhances the paint adhesion and corrosion resistance.
- The specially formulated polyester powder paint is electrostatically applied and oven cured to help ensure complete coverage and uniform paint thickness.
- Bristol extinguisher valve bodies are made from a durable brass chrome-plated and CE marked.
- Model serial numbers simplify inspection and maintenance record keeping.
- Bristol extinguishers are vacuum-filled at the factory to precise filling tolerances.
- Pressurized to 15 bar and 100% leak tested.
- Bristol's dry chemical extinguishing agents are manufactured from the high quality raw materials and are carefully blended to meet stringent performance specifications. These agents are then tested to be free-flowing, the water repellent and electrically nonconductive.
- As a final quality control step, Bristol extinguishers are randomly sampled for performance testing, which includes weight percent discharge and discharge times.

FIRE EXTINGUISHER



Technical Data

Model Specification	MDP 25C	MDP 30C	MDP 50C	MDP 75C	MDP 100C	MDP 150C		
Fire Class		ABCE						
Extinguishing Agent		ABCE Dry Chemical Powder						
Capacity (KG)	25	30	50	75	100	150		
Discharge Time (sec)	40	45	50	60	70	90		
Operating Temp Range(°C)			From -20 °	C to +60 °C				
Test Data (bar) Working Pressure		12 to 15 bar						
Test pressure		25 to 30 bar						
Dimensions and Weights Overall height (mm)	880	1020	1020	1150	1170	1410		







CARBON DIOXIDE







Model: CD 2, CD 5, CD 6

Application

Bristol Carbon Dioxide Fire Extinguishers are designed to protect areas where Class B (flammable liquids and gases) or Class C (energized electrical equipment) fires could occur. They may be used indoors where winds and drafts do not affect discharge or where a clean extinguishing agent is required.

Typical applications include:

- Laboratories
- Electronic equipment
- Low voltage electrical equipment

Features

- Simple operation and maintenance.
- Portable, compact design.
- Non-corrosive, non-conductive extinguishing agent.
- Carbon steel shells. The steel shell also has a base design which resists corrosion for a longer service life.
- Lightweight aluminum shell also available.
- Both steel and aluminum models are available in different sizes and capacities.
- All models with heavy duty brackets to accommodate weight.
- Operating temperature range is -20 to +60 °C.
- Seamless container made of high quality carbon steel.
- High quality polyester paint finish. The paint resists cracking and adds an extra protection against corrosion.
- Rechargeable.
- Ease of maintenance & refilling.
- Available in alloy steel cylinder (light weight) and aluminum alloy cylinder.
- Also available as swivel or front horn.

Description

- The easy grip handle provides non-slip holding and quick activation of the extinguisher.
- The ring pin and visual seal help prevent unwanted discharge of the extinguisher. If the extinguisher is tampered with the visual seal self-destructs, making detection of tampering easy. Metal ring pins are designed to help prevent accidental discharge if the extinguisher is dropped or mishandled.

Standard Portable sizes

2 Kg., 5 Kg. & 6 Kg.

Packing

Single piece cardboard boxes.







Model: CD 2, CD 5, CD 6

Model	CD2	CD5	CD2	CD5	CD6
Capacity (Kg)	2	5	2	5	6
Cylinder Diameter (mm)	105	138	115	152	152
Cylinder Height (mm)	475	635	520	670	770
Cylinder Volume (I)	3	7.50			
Cylinder weight (Kg)	4.20	8.50	5.60	13.20	15.10
Fire Rating	34B	89B	34B	89B	
Extinguisher Weight (Kg)	7	14	8.40	19.13	22.20
Packing Size (L-W-H) (mm)	160x130x600	210x150x780	600x170x130	700x230x175	790x230x175
Working Pressure (Bar)	1	174			
Test Pressure	250				
Operation Temerature	-30 °C to	+ 60 °C	-20 °C to + 60 °C	-30 °C to + 60 °C	-20 °C to + 60 °C









CARBON DIOXIDE WHEELED







Model: CD 10, CD 30, CD 50

Application

Bristol Carbon dioxide Wheeled Fire Extinguishers are designed to protect areas where class B (flammable liquids and gases) or Class C (energized electrical equipment) fires could occur. They may be used indoors where winds and drafts do not affect discharge.

Typical applications include:

- Aviation hangers
- Manufacturing facilities

Features

- Simple operation and maintenance
- Portable, compact design.
- Non-corrosive, non-conductive, extinguishing agent.
- Carbon steel shells. The steel shell also has a base design which resists corrosion for a longer service life.
- Operating temperature range is -20 to +60 °C.
- High quality polyester paint finish. The paint resists cracking and adds an extra protection against corrosion.
- Rechargeable.
- Ease of maintenance & refilling.
- Available in 10, 30, 50 Kg. models.
- One person operation.
- Available in twin cylinder model with one manifold connection operation.

Standard Portable sizes

10 Kg, 30 Kg & 50 Kg

Packing

Single piece cardboard boxes.



Carbon Dioxide Wheeled Extinguishers

Model Specification	CD 10	CD 30	CD 50	
Fire Class		BCE		
Extinguishing Agent		CO2		
Capacity (KG)	10	30	50	
Discharge Time (sec)	7	15	19	
Operating Temp Range(°C)		From -20 °C to + 60 °C		
Colour		Black		
Test Data (bar) Working Pressure	50 bar			
Test pressure		250 bar		
Dimensions and Weights Overall Cylinder Length (mm)	1170	1445	1610	
Certification BUREAU VERITAS Certificate Reference No.	DB 4.99.445/2	DBA 4.99.445/4	DBA 4.99.445/3	







PRESSURIZED FOAM





Model: FE 6, FE 9

Application

- Pressure type foam fire extinguisher, suitable for A & B fire classes such as ordinary combustible materials and flammable liquids.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/ EN3 3.1 & 3.3.

Features

- Seamless deep drawn container made of high tensile cold rolled sheet.
- Minimal welding points to give attractive appearance.
- Polyester resin electrostatically coated to give high quality weather resistance.
- Quality silk-screen printing with operating instruction.
- High bursting pressure.
- Epoxy resin electrostatically internal coating to give high quality against corrosion.
- 3% AFFF Hydral foam or 6% AFFF Hydral foam can be used.
- Quality machined and chrome plated brass safety vale with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauge with EPDM "O" rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Meets or exceeds BS requirements.
- Simple operation and maintenance.
- Squeeze grip, positive on-off operation.
- Brass chrome-plated valve.
- Carbon steel shell with protective inner liner & corrosion resistant.
- Easy service construction
- Available in 6 & 9 Liters.

Description

Bristol Foam Extinguisher can be utilized in many Class A hazards such as office environments and industrial locations, as well as warehouse and oxidizing chemical storage areas.

Agent

Foam

Standard Portable sizes

6 Ltr. & 9 Ltr.

Packing

BRISTOL





Model	FE6	FE9	FE6	FE9
Capacity (Kg)	6	9	6	9
Cylinder Diameter (mm)	160	180	161	175
Cylinder Height (mm)	470	525	510	600
Cylinder Volume (I)	8	11.30	8	11.3
Cylinder weight (Kg)	3.30	4.60	2.60	4.00
Fire Rating	21A, 144B, C	21A, 183B, C		
Extinguisher Weight (Kg)	10	14	9.60	14.00
Packing Size (L-W-H) (mm)	170x180x580	190x100x640	170x200x540	220x220x550
Working Pressure (Bar)	1	8	12 1	o 15
Test Pressure (Bar)	2	27		o 30
Operation Temerature	0 °C to + 60 °C			









CARTRIDGE TYPE FOAM





Model: FE 6C, FE 9C

Application

- Cartridge type foam fire extinguisher, suitable for A & B fire classes such as ordinary combustible materials and flammable liquids.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/ EN3 3.1&3.3

Features

- Seamless deep drawn container made of high tensile cold rolled sheet.
- Minimal welding points to give attractive appearance.
- Polyester resin electrostatically coated to give high quality weather resistance.
- Quality silk-screen printing with operating instruction.
- High bursting pressure.
- Epoxy resin electrostatically internal coating to give high quality against corrosion.
- 3% AFFF Hydral foam or 6% AFFF Hydral foam can be used
- Quality machined and chrome plated brass safety vale with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauge with EPDM "O" rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Meets or exceeds BS requirements.
- Simple operation and maintenance.
- Squeeze grip, positive on-off operation.
- Brass chrome-plated valve.
- Carbon steel shell with protective inner liner & corrosion resistant.
- Easy service construction
- Available in 6 & 9 Liters.

Description

Bristol Foam Extinguisher can be utilized in many Class A hazards such as office environments and industrial locations, as well as warehouse and oxidizing chemical storage areas.

Agent

Foam

Standard Portable sizes

6 Ltr. & 9 Ltr.

Packing





Model Specification	FE 6C		FE 9C	
Fire Class		AB		
Extinguishing Agent		Foam AFFF Hydral		
Capacity (KG)	6		9	
Discharge Time (sec)	45		85	
Operating Temp Range(°C)		From 0 °C to + 60 °C		
Propelling gas		Nitrogen		
Test Data (bar) Working Pressure		12 – 15 bar		
Test pressure		25 to 30 bar		
Dimensions and Weights Overall height (mm)	510		545	
Certification BUREAU VERITAS Certificate Reference No.		DBA 4.99.445/11		







MOBILE FOAM – PRESSURIZED





Model: MFE 10, MFE 20, MFE 35

Application

- Pressure type mobile foam fire extinguisher, suitable for A&B fire classes such as ordinary combustible materials and flammable liquids.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent to achieve high performance
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1&3.3.

Features

- Polyester resin electrostatically coated to give high quality weather resistance.
- High bursting pressure.
- Epoxy resin electrostatically internal coating to give high quality against corrosion.
- 3% AFFF Hydral foam or 6% AFFF Hydral foam can be used.
- Quality machined and chrome plated safety valve with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation with pistol nozzle.
- Quality Pressure gauge with EPDM "O" rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- 1 year limited warranty.
- Two wheels as standard
- Available with 3 wheels.

Specification

See Technical Data overleaf.

Standard Portable sizes

10 Gal, 20 Gal & 35 Gal.

Packing



Model Specification	MFE 10	MFE 20	MFE 35	
Fire Class		AB		
Extinguishing Agent		Foam AFFF Hydral		
Capacity (KG)	10	20	35	
Discharge Time (sec)	85	35	150	
Operating Temp Range(°C)		From 0 °C to + 60 °C		
Test Data (bar) Working Pressure		12 – 15 bar		
Test pressure		25 to 30 bar		
Dimensions and Weights Overall height (mm)	1020	1370	1410	







MOBILE FOAM – CARTRIDGE TYPE





Model: MFE 10C, MFE 20C, MFE 35C

Application

- Cartridge type mobile foam fire extinguisher, suitable for A & B fire classes such as ordinary combustible materials and flammable liquids.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1 & 3.3.

Features

- Polyester resin electrostatically coated to give high quality as before.
- Trolly Nozzle with pistol type for ON and OFF.
- Quality machined and chrome plated brass safety vale with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality external CO₂ / N₂ Cartridge.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- 1 year limited warranty.
- Two wheels as a standard.
- Available with 3 wheels.

Specification

See Technical Data overleaf.

Standard Portable sizes

10 Gal., 20 Gal., & 35 Gal.

Packing



Model Specification	MFE 10C	MFE 20C	MFE 35C
Fire Class	AB		
Extinguishing Agent	Foam AFFF Hydral		
Capacity (KG)	10	20	35
Discharge Time (sec)	85	35	150
Operating Temp Range(°C)	From 0 °C to + 60 °C		
Test Data (bar) Working Pressure	12 – 15 bar		
Test pressure	25 to 30 bar		
Dimensions and Weights Overall height (mm)	1020	1370	1410







PRESSURIZED WATER



Model: WE 6, WE 9

Application

- Pressure type water fire extinguisher, suitable for A fire classes such as ordinary combustible materials.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1 & 3.3.

Features

- Seamless deep drawn container made of high tensile cold rolled sheet.
- Minimal welding points to give attractive appearance.
- Polyester resin electrostatically coated to give high quality weather resistance.
- High bursting pressure.
- Epoxy resin electrostatically internal coating to give high quality against corrosion.
- Quality silk-screen printing with operating instruction.
- Quality machined and chrome plated brass valve with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauge with EPDM "O" rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Meets or exceeds BS requirements.
- Simple operation and maintenance.
- Squeeze grip, positive on-off operation.
- Brass chrome plated valve.
- Carbon Steel Shell with protective inner liner & corrosion resistant.
- Easy service construction.
- Available in 6 & 9 Liters.

Description

Bristol Stainless Steel Water Extinguisher can be utilized in many Class A hazards such as office environments and industrial locations, as well as warehouse and oxidizing chemical storage areas.

Specification

See Technical Data overleaf.

Standard Portable sizes

6 Ltr. & 9 Ltr.

Packing





Technical Data

Model Specification	WE 6		WE 9	
Fire Class		A		
Extinguishing Agent		W	ater	
Capacity (KG)	6		9	
Discharge Time (sec)	40		49	
Operating Temp Range(°C)		From 0 °C to + 60 °C		
Test Data (bar) Working Pressure		12 to 15 bar		
Test pressure		25 to 30 bar		
Dimensions and Weights Overall height (mm)	510		545	
Certification BUREAU VERITAS Certificate Reference No.		DBA 4.99.445/12		

Kitemark approved

Model	WE 6	WE 9		
Capacity (Kg)	6	9		
Cylinder Diameter (mm)	160	175		
Cylinder Height (mm)	497	600		
Cylinder Volume (I)	3.5	4.8		
Cylinder weight (Kg)	39.77	52.97		
Fire Rating	8A	13A		
Extinguisher Weight (Kg)	10	14.3		
Packing Size (L-W-H) (mm)	185×200×630	185×200×710		
Working Pressure (Bar)	1	13		
Test Pressure (Bar)	2	25		
Operation Temerature	-5 °C to + 60 °C			









CARTRIDGE TYPE WATER



Model: WE 6C, WE 9C

Application

- Cartridge type water fire extinguisher, suitable for A fire class such as ordinary combustible materials.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol extinguishers designed and manufactured in compliance with BS5423 & BS/EN3 3.1 & 3.3

Features

- Seamless deep drawn container made of high tensile cold rolled sheet.
- Minimal welding points to give attractive appearance.
- Polyester resin electrostatically coated to give high quality weather resistance.
- High bursting pressure.
- Epoxy resin electrostatically internal coating to give high quality against corrosion.
- Quality silk-screen printing with operating instruction.
- Quality machined and chrome plated brass valve with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation.
- Quality pressure gauge with EPDM "O" rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Meets or exceeds BS requirements.
- Simple operation and maintenance.
- Squeeze grip, positive on-off operation.
- Brass chrome plated valve.
- Carbon Steel Shell with protective inner liner & corrosion resistant.
- Easy service construction.
- Available in 6 & 9 Liters.

Description

Bristol Stainless Steel Water Extinguisher can be utilized in many Class A hazards such as office environments and industrial locations, as well as warehouse and oxidizing chemical storage areas.

Specification

See Technical Data overleaf.

Standard Portable sizes

6 Ltr. & 9 Ltr.

Packing





Model Specification	WE 6 C	WE 9 C
Fire Class		A
Extinguishing Agent	W	ater
Capacity (KG)	6	9
Discharge Time (sec)	40	49
Operating Temp Range(°C)	From 0 °C to + 60 °C	
Test Data (bar) Working Pressure	12 to 15 bar	
Test pressure	25 to 30 bar	
Dimensions and Weights Overall height (mm)	510	545







MOBILE PRESSURIZED WATER



Model: MWE 10, MWE 20, MWE 35

Application

- Pressure Type mobile water fire extinguisher, suitable for A fire class such as ordinary combustible materials.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol Extinguishers designed and manufactured in compliance with BS5423 & BS/EN3 3.1 & 3.3

Features

- Polyester resin electrostatically coated to give high quality weather resistance.
- High bursting pressure.
- Epoxy resin electrostatically internal coating to give high quality against corrosion.
- Quality machined and chrome plated brass safety valve with EPDM "O" ring
- Built in pressure relief mechanism.
- Controlled discharge operation with pistol nozzle.
- Quality Pressure gauge with EPDM "O" rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Two wheels as standard
- Available with 3 wheels.

Standard Portable sizes

10 Ltr., 20 Ltr. & 35 Ltr.

Packing



Model Specification	MWE 10	MWE 20	MWE 35	
Fire Class		A		
Extinguishing Agent		Water		
Capacity (KG)	10 20 35			
Discharge Time (sec)	85	135	150	
Operating Temp Range(°C)		From -20°C to +60°C		
Prope ll ing gas		Nitrogen		
Test Data (bar) Working Pressure	12 to 15 bar			
Test pressure		25 to 30 bar		
Dimensions and Weights Overall height (mm)	1020	1370	1410	







MOBILE CARTRIDGE TYPE WATER



Model: MWE 10C, MWE 20C, MWE 35C

Application

- Cartridge type mobile water fire extinguisher, suitable for A fire classes such as ordinary combustible materials.
- Reliable components are carefully chosen to give maximum efficiency along with high quality agent, to achieve high performance.
- Bristol Extinguishers designed and manufactured in compliance with BS 5423 & BS/EN3 3.1 & 3.3

Features

- Polyester resin electrostatically coated to give high quality weather resistance.
- Trolly Nozzle with pistol type for ON and OFF
- High bursting pressure
- Epoxy resin electrostatically internal coating to give high quality against corrosion.
- Quality machined and chrome plated brass safety valve with EPDM "O" ring.
- Built in pressure relief mechanism.
- Controlled discharge operation with pistol nozzle.
- Quality Pressure gauge with EPDM "O" rings.
- Ease of maintenance and refilling.
- Durable components and least spare parts consumption.
- Two wheels as standard
- Available with 3 wheels.

Standard Portable sizes

10 Ltr., 20 Ltr. & 35 Ltr.

Packing



Model Specification	MWE 10C	MWE 20C	MWE 35C		
Fire Class	Α				
Extinguishing Agent		Water			
Capacity (KG)	10	10 20 35			
Discharge Time (sec)	85	135	150		
Operating Temp Range(°C)	From -20°C to +60°C				
Propelling gas		Carbon Dioxide/Nitrogen			
Test Data (bar) Working Pressure	12 to 15 bar				
Test pressure	25 to 30 bar				
Dimensions and Weights Overall height (mm)	1020	1370	1410		







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