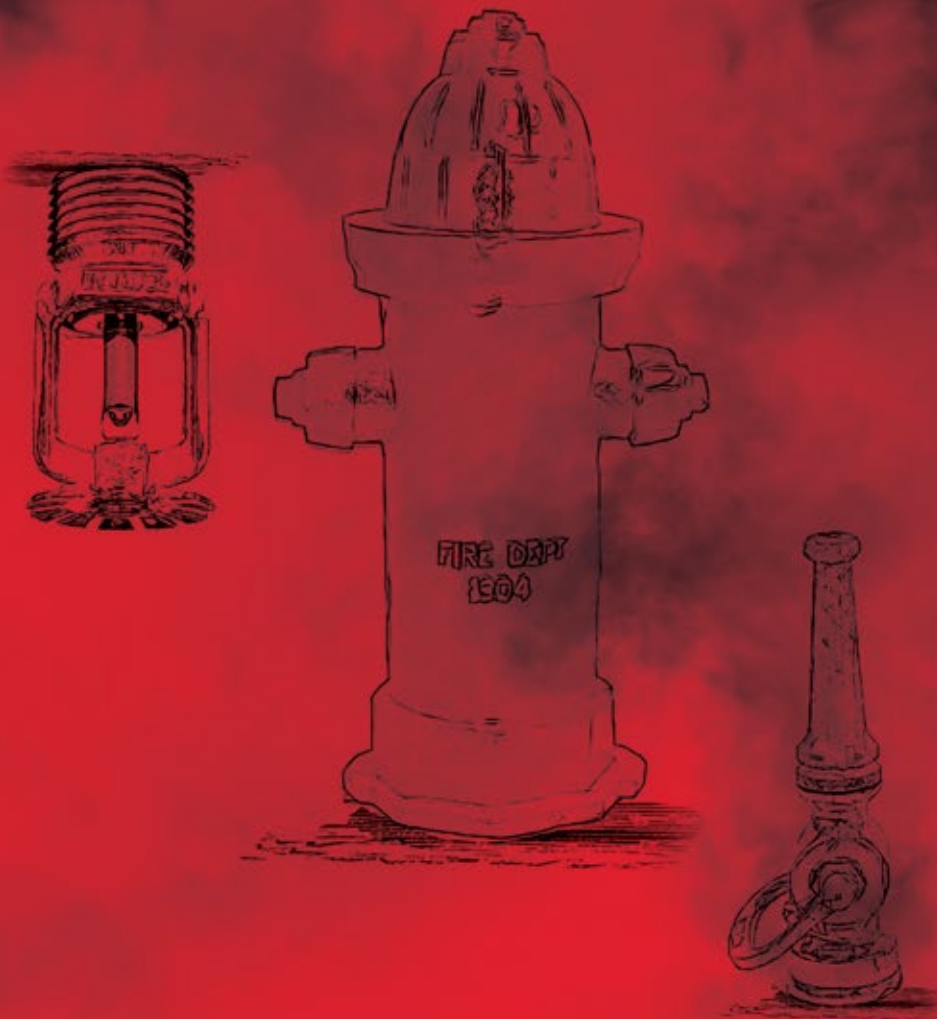
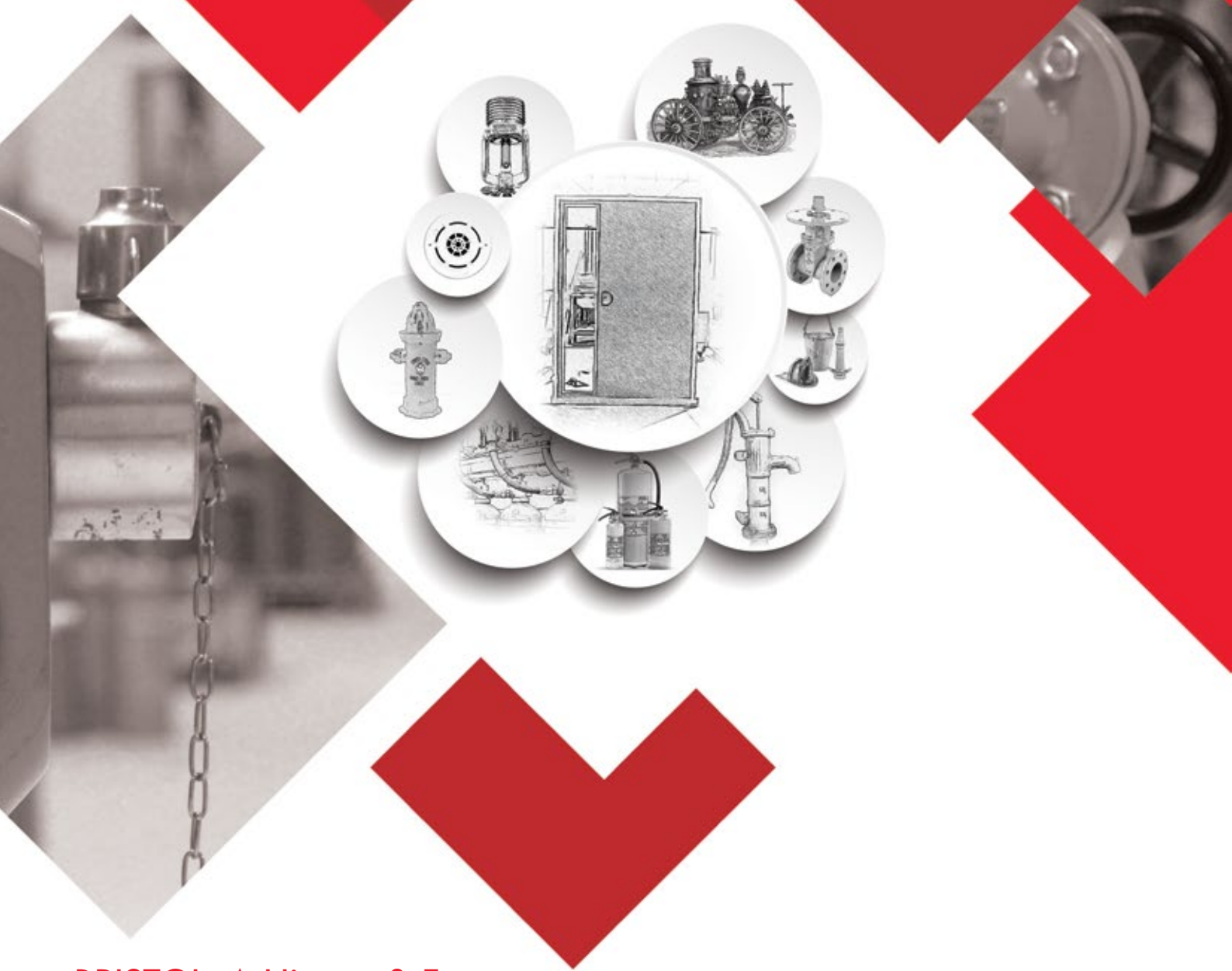


# BRISTOL

FIRE ENGINEERING



## Fire Hydrants & Equipment



## BRISTOL: A History & Future.

In 1971, seven emirates joined forces to create the United Arab Emirates, with the goal of becoming a growing leader on an international scale. The UAE's focus has always been the safety of its land and people, BRISTOL was established in support of that same vision.

BRISTOL FIRE ENGINEERING, part of the Concorde – Corodex Group, is the leading fire-fighting and fire protection manufacturer in the Middle East and has been unsurpassed in innovative fire-fighting solutions for more than 40 years.

We have been steadfast in our developments and have grown to become pioneers in the industry for unmatched quality and dependability, longstanding commitment and unwavering dedication.

Our headquarters and manufacturing facility started in the UAE's Emirate of Dubai, producing world-class fire-fighting systems and equipment in cooperation with international know-how and technology with a grand vision to expand globally.

We strive to continue to adopt the highest international and national standards in line with the UAE's goal to become the safest country in the world.

BRISTOL was one of the first fire-fighting companies in the Middle East to receive an ISO 9001 certification, placing great emphasis on achieving local and international approvals on product certifications such as Kite Mark, LPCB, UL listing, and FM approval. Moreover, BRISTOL is certified to ISO 14001 and OHSAS 18001.

We focus on innovation by means of continual research and development of advanced fire-fighting solutions, ensuring we not only meet, but exceed the demands of our rapidly changing market.

For decades, we have been proudly supplying various government entities and sectors such as the oil and gas, commercial, and industrial sectors across the globe with world-class equipment and services.

BRISTOL has been serving Middle Eastern, African, Asian, and European markets for more than four decades with a vision to expand further.

Paving the road towards safety for more than four decades, and counting: BRISTOL.

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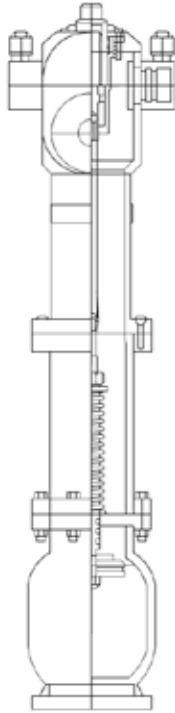
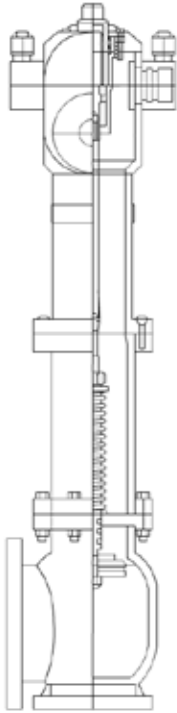


## Fire Hydrants

Fire Hydrants are active fire protection measures, and connection points by which firefighters can tap into a water supply. Fire Hydrants can be classified as Wet Barrel where it is possible to turn the water supply on and off to each port, or Dry Barrel where the body remains dry until the main valve underground is switched on – both type offered by BRISTOL.

# Dry Barrel

Regular

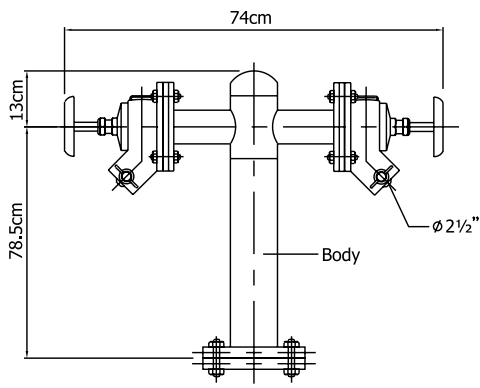


Model	BFE04S	BFE04B	BFE06S	BFE06B
Inlet	4"		6"	
D <sub>N</sub>	4"		6"	
Type	Straight Flange PN16	Bend Flange PN16	Straight Flange PN16	Bend Flange PN16
Outlet Details	2 x 2.5" F Instantaneous 1 x 4" Pumper Coupling (Plugged)			
Valve Type	Globe Valve			
Full Opening	10 ½ Turns			
Minimum Opening	2 ½ Turns			
Body Material	Cast Iron + Ductile Iron			
Working Pressure	16bar			
Test Pressure	24bar			

Specifications

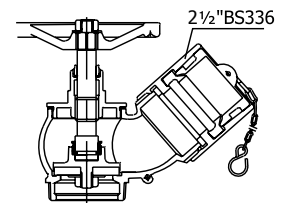
# Wet Barrel

Regular

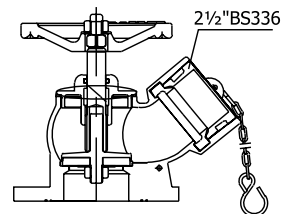


Model	BF-WT04	BF-WT06
Inlet	$D_N$ 4"	6"
Type	Straight Flange PN16	
Outlet Valve Options	2 x 2.5" F Instantaneous (Threaded Oblique Landing Valve)	
	2 x 2.5" F Instantaneous (Flanged Oblique Landing Valve)	
	2 x 2.5" F Instantaneous (Flanged Oblique Pressure-Reducing Landing Valve)	
Body Material	Ductile Iron	
Working Pressure	10bar	
Test Pressure	20bar	

Specifications



**(THREAD TYPE)**



**(FLANGE TYPE)**



## Breaching Inlets

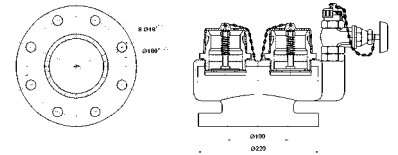
Breaching Inlets are used as water feed from the fire department pump to the building fire-fighting system. BRISTOL Breaching Inlets are designed for dry riser application, and are manufactured to comply with BS 5041 standard comprising of male instantaneous connections.

# Two-Way

BSI Kitemark Approved



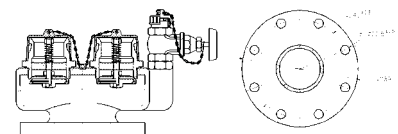
Model		BFE-2WBI	BFE08049
Compliance		BS 5041-3	
BSI Kitemark Approval		KM 599357	Not Applicable
Inlet Details		2 x 2½" M Instantaneous BS 336	
Outlet	D <sub>N</sub>	100mm	
	Type	Flange PN16	
Working Pressure		10bar	
Operating Temperature Range		0°C to 38°C	
Test Pressure		20bar	



# Four-Way

BSI Kitemark Approved

Model		BFE-4WBI	BFE08063A
Compliance		BS 5041-3	
BSI Kitemark Approval		KM 599357	Not Applicable
Inlet Details		4 x 2½" M Instantaneous BS 336	
Outlet	D <sub>N</sub>	150mm	
	Type	Flange PN16	
Working Pressure		10bar	
Operating Temperature Range		0°C to 38°C	
Test Pressure		20bar	







## Fire Hoses

Fire Hoses are high pressure hoses that carry water or other fire retardant such as foam from the supply to the fire to be extinguished. BRISTOL Fire Hoses comply come in different sizes, length and assemblies, and comply to both international and local standards. BRISTOL also offers accessories that complement these hoses.

# Single/Double Jacket Fire Hose



## UL Listed, with 2 1/2" Aluminium Coupling

BRISTOL Fire Hoses are made with polyester and its inner-lining with EPDM to ensure low friction loss and maximum flow while maintaining high durability.

### Features

- Strong and Highly Protected  
Abrasion and puncture resistant
- Chemical Resistance  
Resists contact with oil, hydrocarbons, alkalis, salt water, etc
- Weather Resistance  
Outstanding performance in extreme weather (-20°C to 50°C)
- Ease of Maintenance  
No drying needed as hose is mildew and rot proof



Model		BF-SJ-001	BF-SJ-002	BF-DJ-001	BF-DJ-002
Inlet	D <sub>N</sub>	2 1/2"			
	Type	Male Instantaneous BS 336			
Outlet	D <sub>N</sub>	2 1/2"			
	Type	Female Instantaneous BS 336			
Coupling Material		Aluminum			
Hose-Coupling Connection		Wired			
Diameter		1 1/2"	2 1/2"	1 1/2"	2 1/2"
Length		30m			
Material	Jacket	Single - Polyester		Double - Polyester	
	Inner Lining			EPDM	
Color		Red			
Pressure	Service Test	14bar	14bar	20bar	20bar
	Proof Test	26bar	26bar	40bar	40bar
	Working	13bar	13bar	18bar	18bar
	Burst	40bar	40bar	60bar	60bar

Specifications

# Spray/Fog/Off Nozzle (Accessories)



UL Listed

Model		BF-UL-001	BF-UL-002
Inlet	D <sub>N</sub>	1 1/2"	2 1/2"
	Type	Female NPSH	
Material	Bronze Alloy ASTM B39 C83600		
Mode	Spray/Fog/Off		
Standard	UL 401		
Working Pressure	100psi		
Test Pressure	160psi		
Maximum Flow Rate	130±5 gal/m	205±5gal/m	

Specifications



# Fire Hose - Nozzle Adaptor (Accessories)

Model		BF-AD-001	
Inlet	D <sub>N</sub>	2 1/2"	
	Type	Male Instantaneous BS 336	
Outlet	D <sub>N</sub>	2 1/2"	
	Type	Male NPSH	
Material	Brass		

Specifications



## Jet/Spray/Off Branch Pipe Nozzle (Accessories)

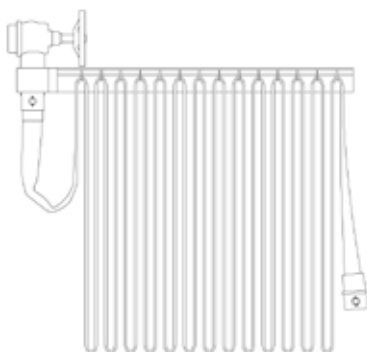
Model		BF-NZ-001	
Inlet	D <sub>N</sub>	2½"	
	Type	Male Instantaneous BS 336	
Outlet Diameter		½"	
Material		Aluminum Alloy BS1490	
Mode		Jet/Spray/Off	
Working Pressure		100psi	
Flow Rate @ 100psi Jet		250L/min	



## Pin Rack Assembly (Accessories)

### Swinging Type

Model	BFHR-250W	BFHR-250V	BFHR-150W	BFHR-150V
Hose D <sub>N</sub>	2½"		1½"	
Rack Type	Wall Mounted	Valve Mounted	Wall Mounted	Valve Mounted
Rack Material	Mild Steel			
Valve Options	Pressure-Restricting Angle Valve Regular Angle Valve			





# Swinging Type Fire Hose Reels



LPCB Approved



Model	BF-MS-001	BF-AS-002	BF-MS-003	BF-AS-004
Hose	D <sub>N</sub>		1"	
	Length		30m	
Mechanism	Manual	Automatic	Manual	Automatic
Hose Material	Double Braided Polyester Cord-Reinforced Rubber			
Drum Material	Powder Coated Mild Steel			
Test Pressure	300psi			
Accessories Included	Nozzle, Ball Valve, Mounting Bracket			
Optional Accessories	Lockshield Valve, Pressure-Reducing Valve			

Specifications

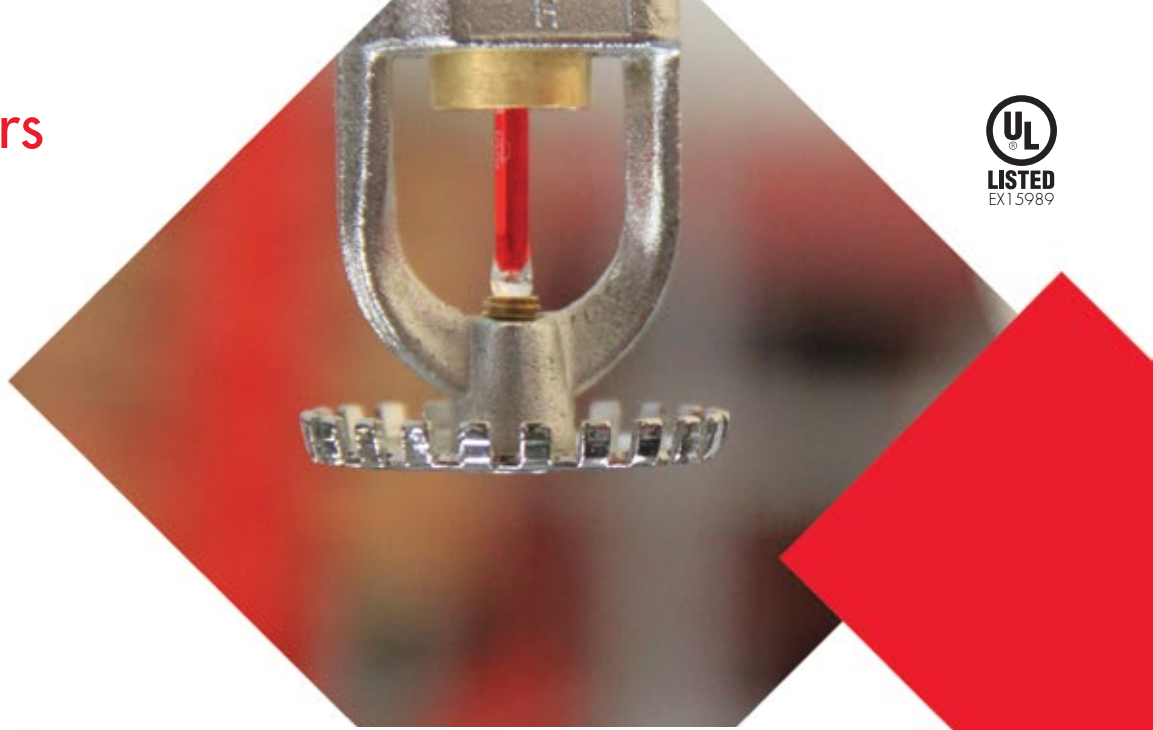
# Fire Blanket

Model	BF4X4	BF4X6
L	4'	4'
	1200mm	1200mm
W	4'	6'
Blanket Material	Silicone Coated Fiber Glass	
Casing	PVC	



Specifications

# Fire Sprinklers



## Ordinary Hazard, H-Series

UL Listed

Model	H001	H002	H003	H004	H005	H006
Coverage	Standard					
Orientation	Upright		Pendent		H. Sidewall	
Response	Standard	Quick	Standard	Quick	Standard	Quick
Temperature Rating Options	155°F / 68°C	•	•	•	•	•
	175°F / 79°C	•	•	•	•	•
	200°F / 93°C	•	•	•	•	•
K (Imperial/SI)	5.6 / 80					
Finishing	Chrome					
Coupling	D <sub>N</sub> Type		1/2" M NPT			
Max. Working Pressure	175psi					
Seal Test Pressure	500psi					
Sensitivity (RTI)	50~80(m•s) <sup>0.5</sup>	≤50(m•s) <sup>0.5</sup>	50~80(m•s) <sup>0.5</sup>	≤50(m•s) <sup>0.5</sup>	50~80(m•s) <sup>0.5</sup>	≤50(m•s) <sup>0.5</sup>
Approval	UL Listed					

Specifications







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