

# TECHNICAL DATA SHEET

for use by Architects & Engineers

## 6 LTR. A.R. FOAM EXTINGUISHER

Model No: LFAR6D



### DESCRIPTION

Aqueous Film Forming Foam (AFFF) works by firstly applying a film forming foam (bubbles) to the fire which causes a blanket over the fire suffocating the fire, while almost simultaneously cooling the fire. Polar fires often burn with invisible flames and can NOT be extinguished with conventional AFFF Foam or agents.

### FEATURES

- EN3 Kitemark approval by BSI in the UK and CE marked
- The ONLY kite marked AR foam extinguisher in the world
- Primarily designed for Alcohol/Polar fires such as ethanol, methanol, propanol, acetone
- High fire ratings offering maximum fire fighting ability
- Leaves minimal residue when applied
- Revolutionary new CE aluminum valve design
- Specially designed microdrop mist nozzle for maximum foam agitation and the best discharge accuracy and time
- Safe for inadvertent use on electrical items upto 35kv.
- Suitable for use in a confined spaces
- Easy to Empty and refill onsite without mess or special filling machinery
- Available in 6 & 9 Liters

### PRECAUTIONS

- Designed Specifically for alcohol /Polar Solvent fires.
- DO NOT USE AFFF on Polar solvent/alcohol fires they will be totally ineffective. The Solvent dissolves the Film and dissolves all the bubbles. It will NOT work. If a powder extinguisher is used it should be High performance BC type

### INDUSTRIES OF USE

- University and Medical Facilities/laboratories where solvents are used
- Paint factories where solvents are used
- Distilling Industry
- Chemical plants where alcohols are used/stored or produced
- Pharmaceutical plants
- Cosmetic factories and storage
- Cleaning detergent manufacturers and distribution
- Adhesive manufacturers

### CLASSES OF FIRE



### TECHNICAL SPECIFICATIONS

Agent	100% A.R. Foam						
Capacity	6 ltr						
Propellant	Nitrogen						
Fire Rating	A	B Polar	B Alcohol	C	D	E	F
	13	34	113	✗	✗	✗	✗
Operating Temperature	+5°C ~ +60°C						
Working Pressure	12 Bar						
Test Pressure	27 Bar						
Discharge Time	22.0 sec						
Range of Throw	>5.0 mtr						
Hose Type	Length	PVC13		518mm			
Height	534 mm						
Diameter	163 mm						
Filled Weight	19.8kg						
Material	Low-Carbon Steel						

# TECHNICAL DATA SHEET

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## 9 LTR. A.R. FOAM EXTINGUISHER

Model No: LFAR9D



### DESCRIPTION

Water extinguishes by cooling the fire and is the simple, conventional and ever-faithful extinguishing agent.



### FEATURES

- EN3 Kitemark approval by BSI in the UK and CE marked
- The ONLY kite marked AR foam extinguisher in the world
- Primarily designed for Alcohol/Polar fires such as ethanol, methanol, propanol, acetone
- High fire ratings offering maximum fire fighting ability
- Leaves minimal residue when applied
- Revolutionary new CE aluminum valve design
- Specially designed microdrop mist nozzle for maximum foam agitation and the best discharge accuracy and time
- Safe for inadvertent use on electrical items upto 35kv.
- Suitable for use in a confined spaces
- Easy to Empty and refill onsite without mess or special filling machinery
- Available in 6 & 9 Liters

### PRECAUTIONS

- Designed Specifically for alcohol /Polar Solvent fires.
- DO NOT USE AFFF on Polar solvent/alcohol fires they will be totally ineffective. The Solvent dissolves the Film and dissolves all the bubbles. It will NOT work. If a powder extinguisher is used it should be High performance BC type

### INDUSTRIES OF USE

- University and Medical Facilities/laboratories where solvents are used
- Paint factories where solvents are used
- Distilling Industry
- Chemical plants where alcohols are used/stored or produced
- Pharmaceutical plants
- Cosmetic factories and storage
- Cleaning detergent manufacturers and distribution
- Adhesive manufacturers

### CLASSES OF FIRE



### TECHNICAL SPECIFICATIONS

Agent	100% A.R. Foam						
Capacity	9 ltr						
Propellant	Nitrogen						
Fire Rating	A	B Polar	B Alcohol	C	D	E	F
	21	34	183	✗	✗	✗	✗
Operating Temperature	+5°C ~ +60°C						
Working Pressure	12 Bar						
Test Pressure	27 Bar						
Discharge Time	35.5sec						
Range of Throw	>6.0 mtr						
Hose Type	Length	PVC13		578mm			
Height	586 mm						
Diameter	183 mm						
Filled Weight	18.6 kg						
Material	Low-Carbon Steel						