

# PORTABLE DRY POWDER FIRE EXTINGUISHER MS1539



Dry powder fire extinguisher is the most versatile fire extinguishers available. It is ideal for areas with multiple fire hazards as it is effective on Class A (Carbonaceous material such as paper and wood), Class B (Flammable liquids), & Class C (Flammable gas) fires. Only fires involving flammable metals such as magnesium and sodium should be avoided.

Dry powder is electrically non conductive and is not dangerous to human or animals. It is a free flowing powder with composition based on ammonium phosphate and sulphate with special additives to improve fluidity and storage.

### Features:

- Polyester powder painted for long lasting protection against corrosion
- Stainless steel Handle and safety pin
- Heavy duty and durable discharge hose

Selection and installation should be according to MS1539 Part 3.

Inspection and maintenance should be carried out according to MS1539 Part 4.



SIRIM  
CERTIFIED TO MS 1539: 2002  
Certification No: PS005702

Propellant	STORED PRESSURED TYPE ( NITROGEN )				
Code No.	FEX132-MS-010-RD	FEX132-MS-020-RD	FEX132-MS-040-RD	FEX132-MS-060-RD	FEX132-MS-090-RD
Capacity, Kg	1.0	2.0	4.0	6.0	9.0
Working Pressure, Bar (Psi)	12 (174)	14 (203)			
Test pressure, Bar (Psi)	25 (362.5)				
Discharge time, sec	6-10	8-12	12-16	21-25	20-28
Overall height, mm	340.0	390.0	475.0	560.0	
Cylinder diameter, mm	84.5	109.5	157.0		176.0
Overall weight, Kg	1.9	3.3	7.8	9.3	12.7
Body material	Cold Roll Steel				
Standard	Manufactured and approved to MS1539 Part 1				
Paint finish	Red				
Fire Rating	5A 21B	8A 34B	13A 70B	21A 144B	27A 144B
Carton box size, mm	110x125x345	130165x415	185x205x490		205x205x570
Type of extinguishant	ABC Powder ( Ammonium Phosphate )				
Type of fire	A, B, C, E				

# PORTABLE CARBON DIOXIDE FIRE EXTINGUISHER MS1539

Carbon dioxide (CO<sub>2</sub>) is effective on Class B (flammable liquid) and Class C (flammable gas) fires. It is electrically non conductive and does not leave any residual after discharge into the fire, most suitable for fighting fire on electrical equipment.

Selection and installation should be according to MS1539 Part 3.

Inspection and maintenance should be carried out according to MS1539 Part 4.



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Body	FEX139-CS-020-RD	FEX139-CS-045-RD
Material	Carbon Steel	
Capacity, kg	2.0	5.0
Working pressure, Bar	60.0	
Overall height, mm	525	700
Overall diameter, mm	115	150
Cylinder test pressure, Bar	250	
Discharge time, sec	12-16	18-24
Standard	Manufactured and approved to MS1539 Part 1	
Full weight, Kg	9.8	17
Paint finish	Red	
Fire Rating	21B	55B
Temperature range	-20°C to 60°C	
Discharge range	3 meter	
Carton size	180x195x665	230x230x715
Operating head	Brass	
Type of extinguishant	Carbon Dioxide	
Class of Fire	B,C	



# AUTOMATIC POWDER FIRE EXTINGUISHER



Application area : Storage of flammable liquid.  
 Actuation temperature : 68c  
 Working pressure : 14 bar  
 Installation : Mounting at ceiling height  
 Test pressure : 25 bar  
 Material : Cold Roll steel  
 Type of agent : Ammonium Phosphate ABC

Code No.	Size	Diameter (mm)	Height (mm)
FEX215-MS-060-RD	6kg	300	300
FEX215-MS-120-RD	12kg	340	360



# CARBON DIOXIDE FIRE EXTINGUISHER ON TROLLEY



Carbon dioxide fire extinguisher on trolley is made of seamless Manganese steel to withstand high storage pressure. It is effective on class B and class C fires and electrically non conductive.

Carbon dioxide fire extinguisher on trolley is used throughout industry as a protection against industrial fires involving dangerous chemical and gas. Carbon dioxide does not deteriorate with storage or freeze in the container. Carbon dioxide disperses without leaving any contamination or corrosive residue and will not damage valuable equipment and materials.

Code No.	FEX079-CS-450-GY	FEX079-CS-320-GY
Capacity, Kg	45.0	32.0
Working pressure, Bar	60	60
Cylinder test pressure, Bar	250	250
Approx. time of discharge, sec	75	60
Discharge hose (diameter/length)	1/2"Ø x 6m	1/2"Ø x 6m
Overall height, mm	1600	1420
Overall width, mm	2000	2000
Overall depth, mm	1170	1170
Full weight, Kg (lb)	150 (330)	112 (246)
Material	Manganese Steel BS 5045 Part 1	
Paint Finish	Grey	
Class of Fire	B, C	

## POWDER AND FOAM FIRE EXTINGUISHER ON TROLLEY EN 1869

SRI fire extinguisher on trolley units are available in ABC powder and AFFF foam type. ABC dry chemical powder fire extinguisher on trolley is effective for use on class A, B & C fire and it is ideal for multi-risk fire. AFFF foam fire extinguisher on trolley is suitable for class A and B fire and highly effective for flammable liquid fire. Trolley units can be operated by one person and are suitable for areas with high risk for fire such as industrial facilities.

STORE PRESSURE TYPE				
Code No.	FEX147-MS-250-RD	FEX147-MS-500-RD	FEX147-MS-700-RD	FEX155-CS-450-RD
Type of Extinguishant	ABC Powder	ABC Powder	ABC Powder	AFFF Foam
Capacity, kg (lb)	25(55)	50(110)	70(154)	45L
Approx, time of Discharge, sec	50	85	100	60

CARTRIDGE TYPE			
Code No.	FEX149-MS-250-RD	FEX149-MS-500-RD	FEX156-MS-450-RD
Type of Extinguishant	ABC Powder	ABC Powder	AFFF Foam
Capacity, kg (lb)	25(55)	50(110)	45L
Approx, time of Discharge, sec	50	85	60

Working Pressure : 14 Bar  
 Cylinder Test Pressure : 25 Bar  
 Discharge hose length : 6m  
 Finishing : Red  
 Operating Temperature : -20c to 60c (powder), 1c to 60c (foam)  
 Dimension : 1100 x 620 x 820 mm ( 50kg )  
                   1000 x 450 x 630 mm ( 25kg )



## MOBILE FOAM FIRE EXTINGUISHER ON TROLLEY

The foam liquid extinguisher on trolley is highly manoeuvrable and it is suitable for outbreaks of fire that cannot be dealt with by using portable extinguishers. It is effective on flammable liquid fire. This is a self-contained foam production unit which only requires connection to a suitable water supply (minimum water supply required is 180 LPM at 5 bar).

PERFORMANCE DATA FOR FEX161-FG-120-YW					
Input Pressure at Inductor	Total Water Flow	Foam Produced	Approximate running time (min.) Inductor setting		Foam Throw from Branchpipe
			3%	6%	
Bar	Litre/Min.	Litre/Min.			m
5	180	1800	22	11	14
6	197	1970	20	10	
7	213	2130	18	9	17
8	228	2280	17	8.5	
10	255	2550	16	16	20

### Standard features

- 2 x 15m 1-3/4" (45mm) fire hose with Aluminium BS Coupling
- 250 LPM Foam Inductor with pickup tube
- 250 LPM Low Expansion branchpipe
- Control valve (2" ball valve)
- 120L AFFF foam concentrate and fibre glass tank on trolley

### Application:

Protection of oil storage installation loading stations, paint and solvent stores.





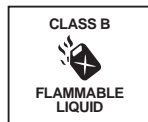
# BS EN3 Water & Foam Type Fire Extinguisher



ISO 9001  
Certified



- British Standards Institution – BSI approval.
- Foam type is suitable for Class A & B.
- Water type is suitable for Class A.
- Protective plastic lining.
- Colour coded for instant recognition.
- High quality and good value.
- ISO 9001 Certified System by QAS Australia.



## TECHNICAL SPECIFICATION

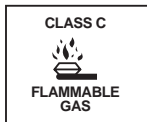
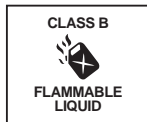
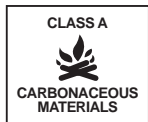
EXTINGUISHER TYPE	6L FOAM	2L FOAM	9L FOAM	9L WATER	9L FOAM	9L WATER
	STORE PRESSURE TYPE (NITROGEN PROPELLENT)			CO2 CARTRIDGE		
MODEL NO.	FEX102	FEX116	FEX103	FEX101	FEX112	FEX111
FIRE RATING	13A, 144B	5A, 34B	21A, 183B	13A	13A, 183B	13A
OPERATING TEMPERATURE	0°C to 60°C					
OPERATING PRESSURE	12 Bar					
TEST PRESSURE	25 Bar					
HEIGHT	555mm	400mm	625mm	625mm	630mm	630mm
FULL WEIGHT	9.2kg	4.0kg	13.5kg	13.5kg	14.2kg	14.2kg
DISCHARGE TIME	50 secs	12 secs	65 secs	61 secs	94 secs	89 secs
RANGE OF THROW (approx)	4 - 5 M	2 M	4 - 5 M	6 M	4 - 5 M	6 M
CARTON SIZE mm	190 x 210 x 565	125 x 160 x 430	200 x 200 x 646	200 x 200 x 645	200 x 200 x 645	200 x 200 x 645

The products specified in this brochure are subject to continual development and improvement. Information in this brochure is subject to alteration without notice. All dimensions in mm unless otherwise specified.

# BS EN3 Powder Type Fire Extinguisher



ISO 9001  
Certified



- British Standards Institution – BSI approval store powder and cartridge type.
- Suitable for Class A, B, C & electrical hazards.
- Ideal for industrial, commercial and domestic environment.
- High quality and good value.
- Colour coded for instant recognition.
- All units tested by electronic leak detection.
- Operated effectively at both high and low temperature.
- ISO 9001 Certified Quality System by QAS Australia.

## TECHNICAL SPECIFICATION

EXTINGUISHER TYPE	1kg	2kg	4kg	6kg	9kg	6kg	9kg	12kg
	STORE PRESSURE TYPE (NITROGEN PROPELLANT)					CO2 CARTRIDGE		
MODEL NO.	FEX108	FEX104	FEX105	FEX106	FEX107	FEX109	FEX110	FEX115
FIRE RATING	8A, 34B	13A, 89B	21A, 113B	34A, 233B	34A, 233B	34A, 233B	43A, 233B	55A, 233B
OPERATING TEMPERATURE	-20°C to 60°C							
OPERATING PRESSURE	12 Bar	14 Bar						
HEIGHT	335mm	400mm	480mm	480mm	555mm	485mm	565mm	605mm
FULL WEIGHT	2.0kg	3.3kg	7.1kg	9.1kg	12.8kg	10.5kg	14.2kg	19.0kg
TEST PRESSURE	25 Bar							
DISCHARGE TIME	7 secs	10 secs	13 secs	19 secs	22 secs	20 secs	24 secs	30 secs
RANGE OF THROW (approx)	4 - 5 M	4 - 5 M	5 - 6 M	5 - 6 M	5 - 6 M	5 - 6 M	5 - 6 M	5 - 6 M
CARTON SIZE mm	105 x 120 x 345	125 x 160 x 430	180 x 210 x 495	180 x 200 x 485	200 x 200 x 565	180 x 210 x 495	205 x 205 x 590	215 x 215 x 630



# BS EN3 CO2 Type Fire Extinguisher



PRESSURE EQUIPMENT DIRECTIVE  
APPROVED FIRE EXTINGUISHERS



MARINE EQUIPMENT DIRECTIVE  
APPROVED FIRE EXTINGUISHERS



ISO 9001  
Certified



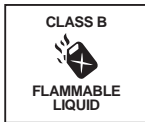
FEX180

FEX182

FEX181

FEX183

- British Standards Institution – BSI approval.
- Suitable for Class B & Electrical Hazards.
- High quality and good value.
- Colour coded for instant recognition.
- Available in aluminium and light weight steel.
- Easy to use and leave no messy residue.
- ISO 9001 Certified Quality System by QAS Australia.



## TECHNICAL SPECIFICATION

	2kg	5kg	2kg	5kg
EXTINGUISHER TYPE				
MATERIAL	Steel	Steel	Aluminium	Aluminium
MODEL NO.	FEX182	FEX183	FEX180	FEX181
FIRE RATING	34B	55B	34B	55B
OPERATING TEMPERATURE	-20°C to 60°C			
OPERATING PRESSURE	50 Bar at 20°C			
CYLINDER SPECIFICATION	1997/23/EC			
HEIGHT	625mm	770mm	575mm	695mm
FULL WEIGHT	8.4kg	15.8kg	6.1kg	15.2kg
EMPTY WEIGHT	6.4kg	10.8kg	4.1kg	10.2kg
DISCHARGE TIME	14 secs	15 secs	14 secs	15 secs
RANGE OF THROW (approx)	4 - 5 M	4 - 5 M	4 - 5 M	4 - 5 M
CARTON SIZE mm	220 x 180 x 650	230 x 245 x 780	180 x 200 x 530	230x 240 x 720

\* Pending approval.

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