

PORTABLE FIRE EXTINGUISHERS

Portable Fire Extinguishers are to be used to combat fire in its initial stages.

We offer a wide range of fire extinguishers to suit all types and classes of fire. **COMBAT®** Fire Extinguishers are made to rigorous standards of quality. They conform to the requirements of BS EN 3 and have achieved LPCB, SETSCO, PED (CE Mark), MED (Wheel Mark) and ISO 9001 certifications. All **COMBAT®** Fire Extinguishers are suitable for outdoor use – UV resistant.

According to SS 578 : 2012, the selection of suitable fire extinguishers depends on the fire hazards expected, occupancy of a building and the effectiveness of the fire extinguisher against that class of the hazard. Fire extinguishers shall be located in a conspicuous and readily accessible position and the travel distance to any fire extinguisher shall be 15m or less.



Dry Powder Portable Fire Extinguisher

- BS EN 3 & SS EN 3
- Effective on Class A, B, C & E fires
- Does not conduct electricity
- Fast knock out effect
- Environmentally friendly fire extinguisher for ABC powder type
- Widely used in residential & commercial buildings, industrial plants and workshops etc.
- Available in Cartridge type



Model	C-1ASE	C-2ASE	C-3ASE	C-4ASE	C-6ASE	C-9ASE	C-9MSE	C-9PKSE	C-6ACE	C-9ACE	C-12ACE	C-11MCE	C-12PKCE	
Capacity	1kg	2kg	3kg	4kg	6kg	9kg	9kg	9kg	6kg	9kg	12kg	11kg	12kg	
Extinguishing Medium	ABC 40% Dry Chemical Powder						Monnex BC Powder	Purple K BC Powder	ABC 40% Dry Chemical Powder				Monnex BC Powder	Purple K BC Powder
Propellant Gas	Nitrogen						110g CO2	150g CO2	225g CO2	225g CO2	233B	233B	233B	
Fire Rating	5A/55B	13A/55B	13A/55B	21A/144B	34A/233B	43A/233B	233B	233B	27A/233B	43A/233B	55A/233B	233B	233B	
Working Pressure	14 bar						10.3 bar	14.6 bar	19.7 bar	20 bar	233B	233B	233B	
Working Temperature	-20°C to 60°C													
Hose Length	N.A.						440mm	440mm	530mm	530mm	440mm	530mm	620mm	
Size (D*H) mm	85 x 320	95 x 455	115 x 470	139 x 465	181 x 510	181 x 606	181 x 606	181 x 606	181 x 526	181 x 575	181 x 654	181 x 654	620mm	
Approval	CE 0832	LPCB Cert No. 501	CE 0832	LPCB Cert No. 501	CE 0832	LPCB Cert No. 501	CE 0832	LPCB Cert No. 501	CE 0832	LPCB Cert No. 501	CE 0832	LPCB Cert No. 501	CE 0832	

note: Singapore market does not allow C marking.



Foam Portable Fire Extinguisher

- BS EN 3 & SS EN 3
- Effective on Class A, B and C fires
- Environmentally friendly fire extinguisher
- To replace ABC fire extinguisher for general usage. (No residual mess)
- Not applicable for fire involving electrical equipment
- Widely used in shopping malls, schools, offices, industrial factories, storage areas, paint shops and petrol stations
- Available in Cartridge type



Model	C-6FSE	C-9FSE	C-9FCE
Capacity	6ltr	9ltr	9ltr
Extinguishing Medium	AFFF Foam		
Propellant Gas	Nitrogen	75g CO2	
Fire Rating	8A/113B	34A/233B	34A/233B
Working Pressure	14 bar	17 bar	
Working Temperature	5°C to 60°C		
Hose Length	440mm	530mm	
Size (D*H) mm	181 x 510	181 x 606	181 x 575
Approval	CE 0832	LPCB Cert No. 501	CE 0832



Water Portable Fire Extinguisher

- BS EN 3 & SS EN 3
- Not applicable for fire involving electrical equipment
- Widely used in retail shops, printing firms and wood industries
- Effective on Class A fires
- Available in Cartridge type



Model	C-6WSE	C-9WSE	C-9WSEA	C-9WCEA
Capacity	6ltr	9ltr	9ltr	9ltr
Extinguishing Medium	Water			
Propellant Gas		Nitrogen		55g CO2
Fire Rating	8A	13A	21A	21A
Working Pressure		14 bar		16.5 bar
Working Temperature	+5°C to +60°C			
Hose Length	450mm		530mm	
Size (D*H) mm	181 x 510		181 x 606	
Approval	LPCB Cert No. 501		CE 0832	LPCB Cert No. 501



Carbon Dioxide Portable Fire Extinguisher

- BS EN 3 & SS EN 3
- Heavy duty hose & high-pressure hardware
- Suitable for use on live electrical equipment
- Effective suppression of Class B fires



Model	C-2CSEC	C-5CSEC
Capacity	2kg	5kg
Extinguishing Medium	CO2	
Propellant Gas	CO2	
Fire Rating	34B/C	55B/C
Working Pressure		60 bar
Working Temperature	-20°C to 60°C	
Hose Length	335mm	600mm
Size (D*H) mm	114 x 500	155 x 645
Approval	LPCB Cert No. 501	CE 0832



Halotron™ I Portable Fire Extinguisher

- SS EN 3
- Eco-friendly replacement for Halon 1211
- Clean gas with no residue and safe for the environment
- High performance and lightweight
- Effective on Class A, B, C & E fires
- Widely used in offices, M&E rooms and server rooms



Model	C-2HSE	C-3HSE	C-6HSE
Capacity	2kg	4kg	6kg
Extinguishing Medium	Halotron I		
Propellant Gas	Argon		
Fire Rating	5A/34B	8A/55B	13A/70B
Working Pressure	7 bar	9 bar	
Working Temperature	-20°C to 60°C		
Hose Length	440mm		
Size (D*H) mm	98 x 455	139 x 460	181 x 505
Approval	SETSCO	SETSCO	SETSCO



Wet Chemical Portable Fire Extinguisher

- BS EN 3 & SS EN 3
- Latest requirement by SCDF to install next to deep fryers
- Hose applicator and nozzle
- Effective for kitchen fire
- Effective on Class A, B & F fires



Model	F6 (C-6KSE)
Capacity	6ltr
Extinguishing Medium	Fatseal
Propellant Gas	Nitrogen
Fire Rating	21A/113B/75F
Working Pressure	9 bar
Working Temperature	0°C to 60°C
Hose Length	490mm
Size (D*H) mm	160 x 514
Approval	LPCB Cert No. 501

CERTIFICATE OF CONFORMITY

This Certificate is issued to

LINGJACK ENGINEERING WORKS PTE LTD
No. 1 Woodlands Terrace
Singapore 738471

For Product Certification Scheme: Type 5

Product : Fire Extinguisher
Brand : COMBAT
Model : Refer to Appendix
Country of Origin : Singapore
Product Details : Refer to Appendix

which has complied with the requirements of the scheme based on the following:

STANDARD(S)	TEST REPORT(S)
SS EN 3-7: 2012	Refer to Appendix
BS EN 3-7: 2004 + A1: 2007	
SS EN 3-8: 2012	
BS EN 3-8: 2006	
BS EN 3-9: 2006	



Sze Thiam Siong (Mr)
General Manager
SETSCO Services Pte Ltd
18 Teban Gardens Crescent
Singapore 608925

Certificate No

FSP-2013-0128

Date of Issue

23/04/2018

Date of Last Revision

19/10/2018

Date of Expiry

22/03/2023



This Certificate is part of full report and should be read in conjunction with it. This Certificate remains the property of SETSCO Services Pte Ltd (SETSCO) and shall be returned upon request. The use of this Certificate is subjected to the terms and conditions of the SETSCO Product Certification Scheme. The manufacturer is solely responsible for the compliance of any product that has the same designation as the product type-tested. Persons relying on this Certificate should verify its validity by checking it at www.setsco.com



The use of the SAC accreditation mark indicates accreditation in respect of those activities covered by the accreditation certificate number PD-2010-10.



Test Report (s)	
BRE Test Report No.: 242435	BRE Test Report No.: 252930
BRE Test Report No.: 242436	BRE Test Report No.: 252929
BRE Test Report No.: 252297	BRE Test Report No.: 259386
BRE Test Report No.: 252196	BRE Test Report No.: 259385
BRE Test Report No.: 252197	BRE Test Report No.: 256373
BRE Test Report No.: 237709	BRE Test Report No.: 276267
BRE Test Report No.: 252194	APRAGAZ Report No. EN 10975
BRE Test Report No.: 252195	MM-50071/CCH/1
BRE Test Report No.: 283686	MM-50071/CCH/2
BRE Test Report No.: 266738	MM-50071/CCH/3
BRE Test Report No.: 276265	MM-50071/CCH/4
BRE Test Report No.: 254220	PSB Corporation Test Report: 25T0000394/6/GCP
MPA Report No.: 20141656/TE02	PSB Corporation Test Report: 54S03031/1/GCP
MPA Report No.: 20141656/TE04	PSB Corporation Test Report: 54S03031/2/GCP
MPA Report No.: 20141656/TE06	PSB Corporation Test Report: 54S03031/3/GCP
MPA Report No.: 20171326/LG02	MPA Report No.: 20141656/TE05
MPA Report No.: 20141670/TE01	MPA Report No.: 20141656/TE07
MPA Report No.: 20141656/TE03	MPA Report No.: 20171326/LG01

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Amendments or additions to this appendix other than those authorized by SETSCO render the appendix invalid.



Model	Type	Fire Rating	Capacity	Test Report	Test Standard
C-9WCEA	Water Additive Cartridge	21A	9L	252930	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-9FCE	Foam Cartridge	34A/233B	9L	252929	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-12ACE	ABC Powder gas Cartridge	55A/233B	12kg	259386	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-9ACE	ABC Powder gas Cartridge	43A/233B	9kg	259385	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-6ACE	ABC Powder gas Cartridge	27A/233B	6kg	256373	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-12PKCE	Purple K BC Powder CO ₂ Cartridge	233B	12kg	276267	BS EN 3-7: 2004 + A1: 2007
C-11MCE	Monnex BC Powder CO ₂ Cartridge	233B	11kg	283686	BS EN 3-7: 2004 + A1: 2007
C-2HSE	Clean Agent (HALOTRON), Stored Pressure	5A/34B	2kg	54S03031/1/GCP MM-50071/CCH/3	SS EN 3-7: 2012 SS EN 3-8: 2012
C-4HSE	Clean Agent (HALOTRON), Stored Pressure	8A/55B	4kg	54S03031/2/GCP MM-50071/CCH/2	SS EN 3-7: 2012 SS EN 3-8: 2012
C-6HSE	Clean Agent (HALOTRON), Stored Pressure	13A/70B	6kg	54S03031/3/GCP MM-50071/CCH/1	SS EN 3-7: 2012 SS EN 3-8: 2012
EX-WM1	Water Mist, Stored Pressure	5A	1.4L	20141670/TE01	BS EN 3-7: 2004 + A1: 2007
EX-WM2	Water Mist, Stored Pressure	5A/21B/25F	2L	20141656/TE02	BS EN 3-7: 2004 + A1: 2007
EX-WM3	Water Mist, Stored Pressure	8A/21B/25F	3L	20141656/TE03	BS EN 3-7: 2004 + A1: 2007
EX-WM6	Water Mist, Stored Pressure	13A/21B/40F	6L	20141656/TE04	BS EN 3-7: 2004 + A1: 2007
EX-WM9	Water Mist, Stored Pressure	21A/21B/40F	9L	20141656/TE05	BS EN 3-7: 2004 + A1: 2007
EX-GFM2	Water Mist with Additives, Stored Pressure	5A/55B/25F	2L	20141656/TE06	BS EN 3-7: 2004 + A1: 2007
EX-GFM6	Water Mist with Additives, Stored Pressure	13A/144B/40F	6L	20141656/TE07	BS EN 3-7: 2004 + A1: 2007
C-2AWM	Water Mist with Additives, Stored Pressure	8A/21B/25F	2L	20171326/LG01	BS EN 3-7: 2004 + A1: 2007
C-6AWM	Water Mist with Additives, Stored Pressure	21A/21B/40F	6L	20171326/LG02	BS EN 3-7: 2004 + A1: 2007

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Model	Type	Fire Rating	Capacity	Test Report	Test Standard
C-2CSEC	Carbon Dioxide, Stored Pressure	34B	2kg	242435	BS EN 3-7: 2004 + A1: 2007 BS EN 3-9: 2006
C-5CSEC	Carbon Dioxide, Stored Pressure	55B	5kg	242436	BS EN 3-7: 2004 + A1: 2007 BS EN 3-9: 2006
C-9FSE	Foam, Stored Pressure	34A/233B	9kg	252297	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-1ASE	ABC Powder, Stored Pressure	5A/55B	1kg	252196	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-2ASE	ABC Powder, Stored Pressure	13A/55B	2kg	252197	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-3ASE	ABC Powder, Stored Pressure	13A/55B	3kg	25T0000394/6/GCP MM-50071/CCH/4	SS EN 3-7: 2012 SS EN 3-8: 2012
C-4ASE	ABC Powder, Stored Pressure	21A/144B	4kg	237709	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-6ASE	ABC Powder, Stored Pressure	34A/233B	6kg	252194	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-9ASE	ABC Powder, Stored Pressure	43A/233B	9kg	252195	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-9MSE	Monnex BC Powder, Stored Pressure	233B	9kg	276265	BS EN 3-7: 2004 + A1: 2007
C-9WSEA	Water Additive, Stored Pressure	21A	9L	254220	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006
C-6KSE	Wet Chem	21A/113B/75F	6L	EN 10975	BS EN 3-7: 2004 + A1: 2007
C-9PKSE	Purple K BC Powder, Stored Pressure	233B	9kg	266738	BS EN 3-7: 2004 + A1: 2007 BS EN 3-8: 2006

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