

MINI PRO - STORED PRESSURE

ADAPTIVE (PRODUCT OVERVIEW)

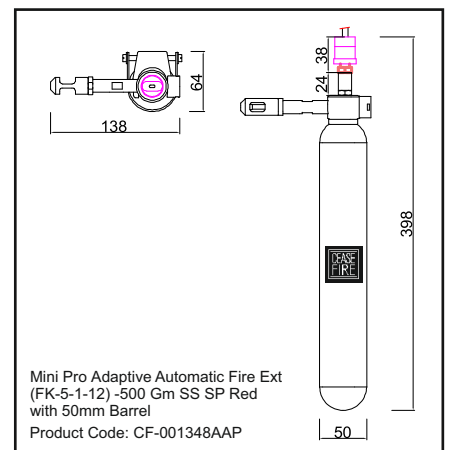
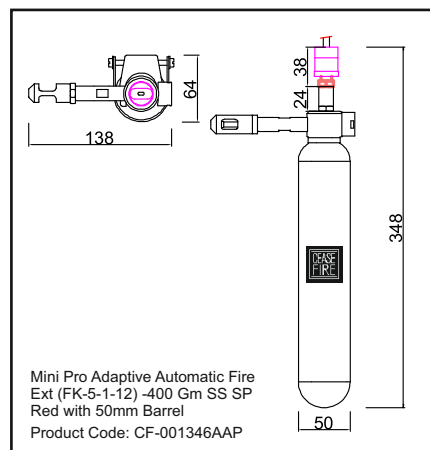
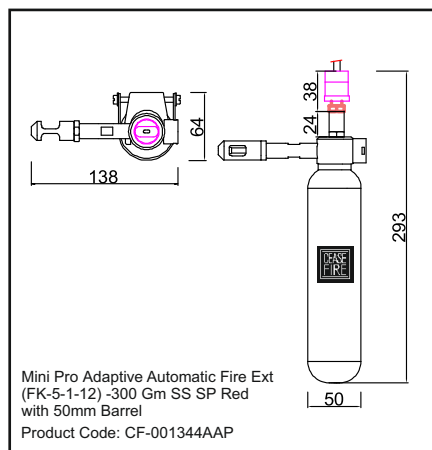
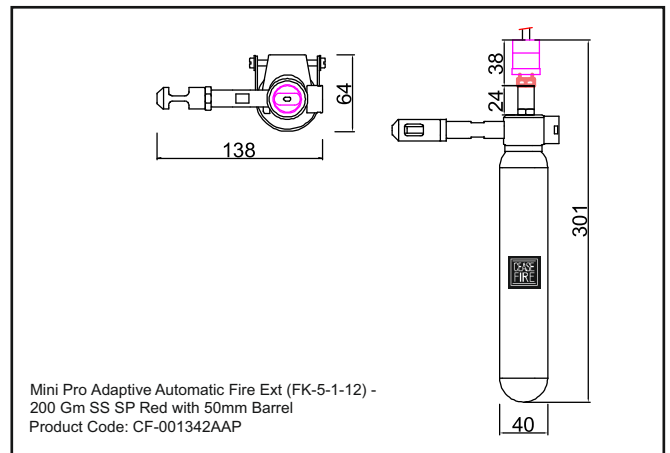
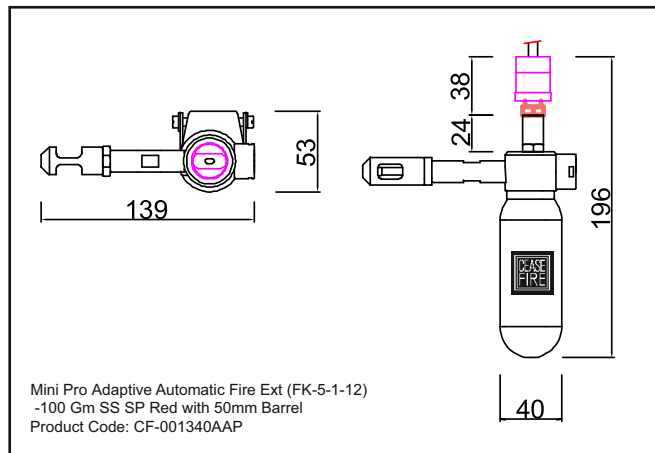
Small in size but not in might. Being the smallest suppression system - Mini has enough might to secure small enclosed spaces. Ceasefire Mini-Adaptive System is specifically designed for the micro-environments which are too small to even accommodate a Mini.

The body of the Mini stays outside and a thin barrel goes inside the micro-environment. Mini being fully automatic can detect, actuate, and suppress fires without any form of human intervention. At the same time, it is available in Fluoroketone which happens to be a cold gas, therefore, extinguishes fire by absorbing heat from it. After being sprayed it leaves behind no residue and works on class A, B, C, and Electrically started fires.

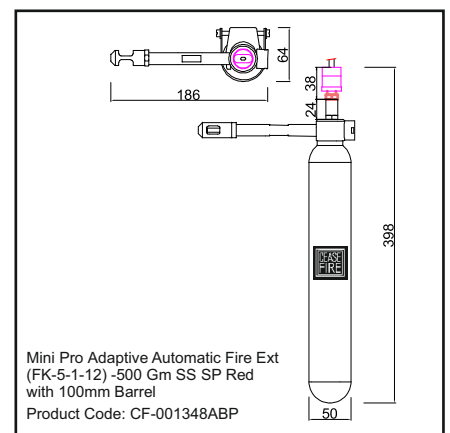
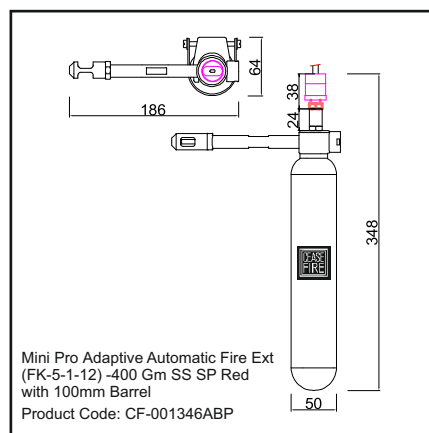
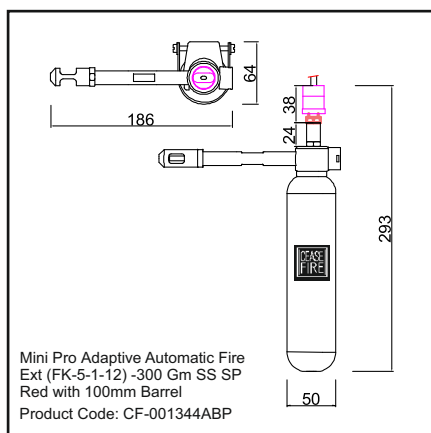
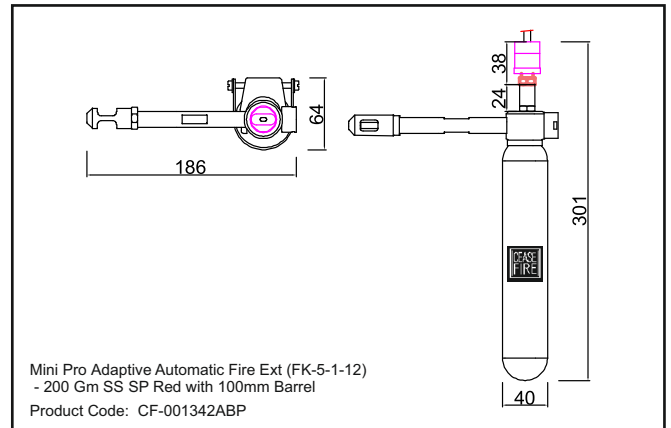
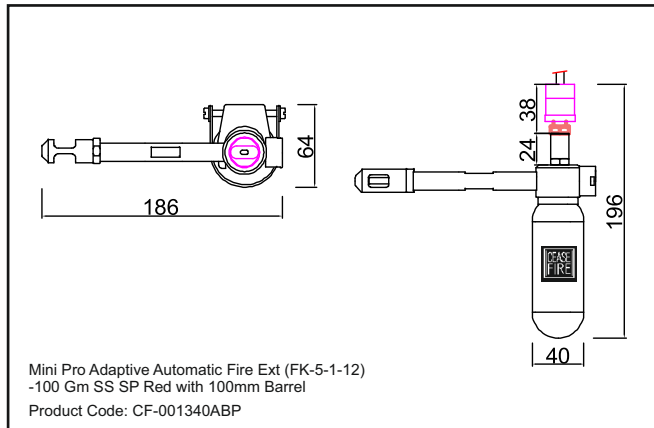
The clean agent based variant does not fall under the ambit of the F-Gas Regulations.



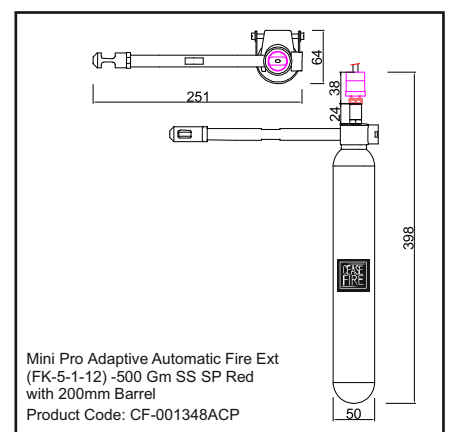
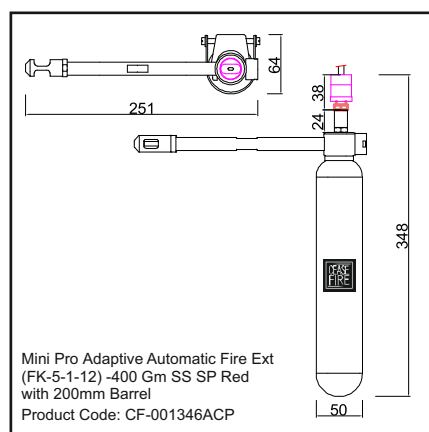
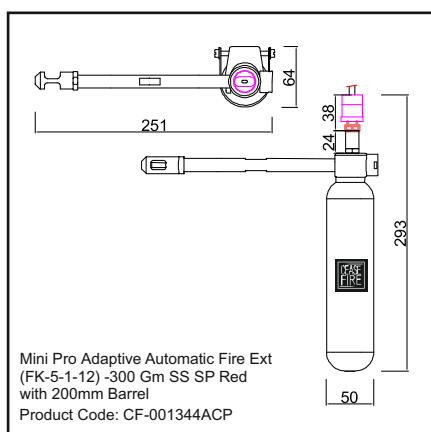
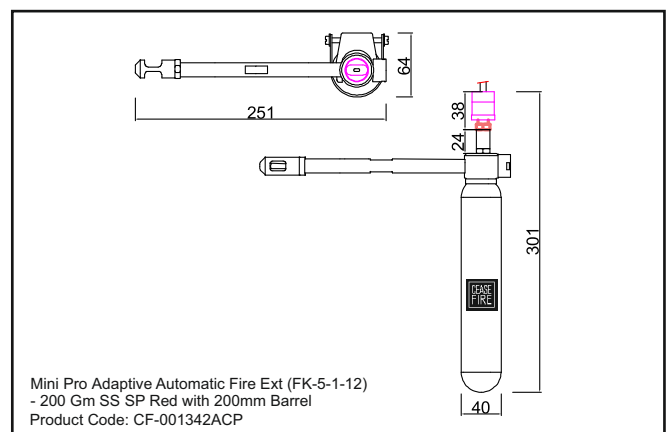
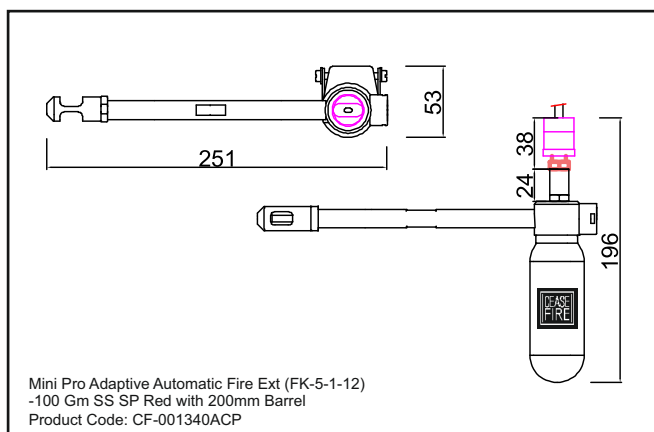
ENGINEERING DRAWINGS (50mm Barrel)



ENGINEERING DRAWINGS (100mm Barrel)



ENGINEERING DRAWINGS (200mm Barrel)





TECHNICAL SPECIFICATIONS (50mm Barrel)

Product Code	UOM	CF-001340AAP 	CF-001342AAP 	CF-001344AAP 	CF-001346AAP 	CF-001348AAP 
		CF-001340BA 	CF-001342BA 	CF-001344BA 	CF-001346BA 	CF-001348BA 
		CF-001340DA 	CF-001342DA 	CF-001344DA 	CF-001346DA 	CF-001348DA 
		CF-001340CA 	CF-001342CA 	CF-001344CA 	CF-001346CA 	CF-001348CA 
		CF-001340EA 	CF-001342EA 	CF-001344EA 	CF-001346EA 	CF-001348EA 
Description	—	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -100 Gm SS SP Red with 50mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) - 200 Gm SS SP Red with 50mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -300 Gm SS SP Red with 50mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -400 Gm SS SP Red with 50mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -500 Gm SS SP Red with 50mm Barrel
Capacity of Agent	Grms	100	200	300	400	500
Certification	—	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*
Diameter of Shell	mm	40	40	50	50	50
Total Height (approx.)	mm	134	239	231	286	336
MOC of Shell	—	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)
Min. Wall Thickness	mm	1.2	1.2	1.2	1.2	1.2
Test Pressure	Bar	35	35	35	35	35
Anti-Corrosive Treatment	—	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red
Service Pressure	Bar	10	10	10	10	10
Type of Operating Mechanism	—	Automatic	Automatic	Automatic	Automatic	Automatic



TECHNICAL SPECIFICATIONS (50mm Barrel)

Product Code	UOM	CF-001340AAP 	CF-001342AAP 	CF-001344AAP 	CF-001346AAP 	CF-001348AAP 
		CF-001340BA 	CF-001342BA 	CF-001344BA 	CF-001346BA 	CF-001348BA 
		CF-001340DA 	CF-001342DA 	CF-001344DA 	CF-001346DA 	CF-001348DA 
		CF-001340CA 	CF-001342CA 	CF-001344CA 	CF-001346CA 	CF-001348CA 
		CF-001340EA 	CF-001342EA 	CF-001344EA 	CF-001346EA 	CF-001348EA 
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
Type of Discharge Fitting	mm	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb
Concentration (V/wt.)	%	4.7	4.7	4.7	4.7	4.7
Coverage Volume	m ³	0.130	0.260	0.290	0.520	0.650
Min. Discharge Time	Sec.	1 to 3	1 to 3	1 to 3	1 to 3	1 to 3
Operating Temperature Range(approx.)	°C	-20 to 60	-20 to 60	-20 to 60	-20 to 60	-20 to 60
Actuation Temperature**	°C	57°	57°	57°	57°	57°
Applicable to Type of Fire	—	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire
Filled Weight Range***	Kg	0.695	0.935	1.07	1.27	1.46
Packed Weight Range (approx)****	Kg	0.93	1.3	1.5	1.75	1.96
Packed Size Length x Width x Height	mm	180 x 75 x 18	180 x 75 x 18	290 x 75 x 390	290 x 75 x 390	290 x 75 x 390



TECHNICAL SPECIFICATIONS (50mm Barrel)

Product Code	UOM	CF-001340AAP	CF-001342AAP	CF-001344AAP	CF-001346AAP	CF-001348AAP
		CF-001340BA	CF-001342BA	CF-001344BA	CF-001346BA	CF-001348BA
		CF-001340DA	CF-001342DA	CF-001344DA	CF-001346DA	CF-001348DA
		CF-001340CA	CF-001342CA	CF-001344CA	CF-001346CA	CF-001348CA
		CF-001340EA	CF-001342EA	CF-001344EA	CF-001346EA	CF-001348EA
Product Warranty	Year	5	5	5	5	5

Transportation Bracket

MOC	—	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms
Dimension H*W*D	mm	104 x 77 x 57	177 x 77 x 57	170 x 87 x 67	225 x 87 x 67	282 x 87 x 67

*Mini tested for it fire fighting capabilities by BSI.

**Quartzoid bulb in other temperature setting as below is available on request and would be dependent on MOQ for your region.

Please check the availability and delivery time before ordering.

***It includes Empty Extinguisher, Contents and Plastic Base only (where applicable) - not including hose, Wall bracket or Packaging.

****Includes all packaging, hose / horn and bracket.

QUARTZOID BULB KEY

57°C / 135°F	68°C / 155°F	79°C / 174°F	93°C / 200°F	141°C / 286°F
182°C / 360°F	227°C / 440°F			

CERTIFICATIONS





TECHNICAL SPECIFICATIONS (100mm Barrel)

Product Code	UOM	CF-001340ABP	CF-001342ABP	CF-001344ABP	CF-001346ABP	CF-001348ABP
		CF-001340BB	CF-001342BB	CF-001344BB	CF-001346BB	CF-001348BB
		CF-001340DB	CF-001342DB	CF-001344DB	CF-001346DB	CF-001348DB
		CF-001340CB	CF-001342CB	CF-001344CB	CF-001346CB	CF-001348CB
		CF-001340EB	CF-001342EB	CF-001344EB	CF-001346EB	CF-001348EB
Description	—	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -100 Gm SS SP Red with 100mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) - 200 Gm SS SP Red with 100mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -300 Gm SS SP Red with 100mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -400 Gm SS SP Red with 100mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -500 Gm SS SP Red with 100mm Barrel
Capacity of Agent	Grms	100	200	300	400	500
Certification	—	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*
Diameter of Shell	mm	40	40	50	50	50
Total Height (approx.)	mm	134	239	231	286	336
MOC of Shell	—	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)
Min. Wall Thickness	mm	1.2	1.2	1.2	1.2	1.2
Test Pressure	Bar	35	35	35	35	35
Anti-Corrosive Treatment	—	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red
Service Pressure	Bar	10	10	10	10	10
Type of Operating Mechanism	—	Automatic	Automatic	Automatic	Automatic	Automatic



TECHNICAL SPECIFICATIONS (100mm Barrel)

Product Code	UOM	CF-001340ABP 	CF-001342ABP 	CF-001344ABP 	CF-001346ABP 	CF-001348ABP 
		CF-001340BB 	CF-001342BB 	CF-001344BB 	CF-001346BB 	CF-001348BB 
		CF-001340DB 	CF-001342DB 	CF-001344DB 	CF-001346DB 	CF-001348DB 
		CF-001340CB 	CF-001342CB 	CF-001344CB 	CF-001346CB 	CF-001348CB 
		CF-001340EB 	CF-001342EB 	CF-001344EB 	CF-001346EB 	CF-001348EB 
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
Type of Discharge Fitting	mm	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb	Direct nozzle with Quartzoid Bulb
Concentration (V/wt.)	%	4.7	4.7	4.7	4.7	4.7
Coverage Volume	m ³	0.130	0.260	0.290	0.520	0.650
Min. Discharge Time	Sec.	1 to 3	1 to 3	1 to 3	1 to 3	1 to 3
Operating Temperature Range(approx.)	°C	-20 to 60	-20 to 60	-20 to 60	-20 to 60	-20 to 60
Actuation Temperature**	°C	57°	57°	57°	57°	57°
Applicable to Type of Fire	—	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire
Filled Weight Range***	Kg	0.695	0.935	1.07	1.27	1.46
Packed Weight Range (approx)****	Kg	0.97	1.08	1.5	1.75	2
Packed Size Length x Width x Height	mm	180 x 75 x 18	180 x 75 x 18	290 x 75 x 390	290 x 75 x 390	290 x 75 x 390



TECHNICAL SPECIFICATIONS (100mm Barrel)

Product Code	UOM	CF-001340ABP	CF-001342ABP	CF-001344ABP	CF-001346ABP	CF-001348ABP
		CF-001340BB	CF-001342BB	CF-001344BB	CF-001346BB	CF-001348BB
		CF-001340DB	CF-001342DB	CF-001344DB	CF-001346DB	CF-001348DB
		CF-001340CB	CF-001342CB	CF-001344CB	CF-001346CB	CF-001348CB
		CF-001340EB	CF-001342EB	CF-001344EB	CF-001346EB	CF-001348EB
Product Warranty	Year	5	5	5	5	5

Transportation Bracket

MOC	—	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms
Dimension H*W*D	mm	104 x 77 x 57	177 x 77 x 57	170 x 87 x 67	225 x 87 x 67	282 x 87 x 67

*Mini tested for it fire fighting capabilities by BSI.

**Quartzoid bulb in other temperature setting as below is available on request and would be dependent on MOQ for your region.

Please check the availability and delivery time before ordering.

***It includes Empty Extinguisher, Contents and Plastic Base only (where applicable) - not including hose, Wall bracket or Packaging.

****Includes all packaging, hose / horn and bracket.

QUARTZOID BULB KEY

57°C / 135°F	68°C / 155°F	79°C / 174°F	93°C / 200°F	141°C / 286°F
182°C / 360°F	227°C / 440°F			

CERTIFICATIONS





TECHNICAL SPECIFICATIONS (200mm Barrel)

Product Code	UOM	CF-001340ACP 	CF-001342ACP 	CF-001344ACP 	CF-001346ACP 	CF-001348ACP 
		CF-001340BC 	CF-001342BC 	CF-001344BC 	CF-001346BC 	CF-001348BC 
		CF-001340DC 	CF-001342DC 	CF-001344DC 	CF-001346DC 	CF-001348DC 
		CF-001340CC 	CF-001342CC 	CF-001344CC 	CF-001346CC 	CF-001348CC 
		CF-001340EC 	CF-001342EC 	CF-001344EC 	CF-001346EC 	CF-001348EC 
Description	—	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -100 Gm SS SP Red with 200mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) - 200 Gm SS SP Red with 200mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -300 Gm SS SP Red with 200mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -400 Gm SS SP Red with 200mm Barrel	Mini Pro Adaptive Automatic Fire Ext (FK-5-1-12) -500 Gm SS SP Red with 200mm Barrel
Capacity of Agent	Grms	100	200	300	400	500
Certification	—	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*	PED UKCA-PED BSI TESTED*
Diameter of Shell	mm	40	40	50	50	50
Total Height (approx.)	mm	148	248	240	295	350
MOC of Shell	—	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)	SS 316L (1.4435)
Min. Wall Thickness	mm	1.2	1.2	1.2	1.2	1.2
Test Pressure	Bar	35	35	35	35	35
Anti-Corrosive Treatment	—	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red	Outer surfaces EP Powder coated having Min. Thickness 50 Micron Shade Color Red
Service Pressure	Bar	10	10	10	10	10
Type of Operating Mechanism	—	Automatic	Automatic	Automatic	Automatic	Automatic



TECHNICAL SPECIFICATIONS (200mm Barrel)

Product Code	UOM	CF-001340ACP 	CF-001342ACP 	CF-001344ACP 	CF-001346ACP 	CF-001348ACP
		CF-001340BC 	CF-001342BC 	CF-001344BC 	CF-001346BC 	CF-001348BC
		CF-001340DC 	CF-001342DC 	CF-001344DC 	CF-001346DC 	CF-001348DC
		CF-001340CC 	CF-001342CC 	CF-001344CC 	CF-001346CC 	CF-001348CC
		CF-001340EC 	CF-001342EC 	CF-001344EC 	CF-001346EC 	CF-001348EC
Type of Pressure Gauge		Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type
Type of Dis. Fitting & Length	mm	Direct Nozzle	Direct Nozzle	Direct Nozzle	Direct Nozzle	Direct Nozzle
Concentration (V/wt.)	%	4.7	4.7	4.7	4.7	4.7
Coverage Volume	m ³	0.130	0.260	0.290	0.520	0.650
Min. Discharge Time	Sec.	1 to 3	1 to 3	1 to 3	1 to 3	1 to 3
Operating Temperature Range(approx.)	°C	-20 to 60	-20 to 60	-20 to 60	-20 to 60	-20 to 60
Actuation Temperature**	°C	57°	57°	57°	57°	57°
Applicable to Type of Fire	—	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire	A, B, C ,& Electrical Started Fire
Filled Weight Range***	Kg	0.695	0.935	1.07	1.27	1.46
Packed Weight Range (approx)****	Kg	1.06	1.17	1.6	1.9	2.1
Packed Size Length x Width x Height	mm	180 x 75 x 18	180 x 75 x 18	290 x 75 x 390	290 x 75 x 390	290 x 75 x 390

TECHNICAL SPECIFICATIONS (200mm Barrel)

Product Code	UOM	CF-001340ACP 	CF-001342ACP 	CF-001344ACP 	CF-001346ACP 	CF-001348ACP 
		CF-001340BC 	CF-001342BC 	CF-001344BC 	CF-001346BC 	CF-001348BC 
		CF-001340DC 	CF-001342DC 	CF-001344DC 	CF-001346DC 	CF-001348DC 
		CF-001340CC 	CF-001342CC 	CF-001344CC 	CF-001346CC 	CF-001348CC 
		CF-001340EC 	CF-001342EC 	CF-001344EC 	CF-001346EC 	CF-001348EC 
Product Warranty	Year	5	5	5	5	5

Transportation Bracket

MOC	—	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms	Black Powder Coated Ms
Dimension H*W*D	mm	104 x 77 x 57	177 x 77 x 57	170 x 87 x 67	225 x 87 x 67	282 x 87 x 67

*Mini tested for it fire fighting capabilities by BSI.

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QUARTZOID BULB KEY

 57°C / 135°F	 68°C / 155°F	 79°C / 174°F	 93°C / 200°F	 141°C / 286°F
 182°C / 360°F	 227°C / 440°F			

CERTIFICATIONS



PRODUCT PICTURES



100 GM



200 GM



300 GM



400 GM



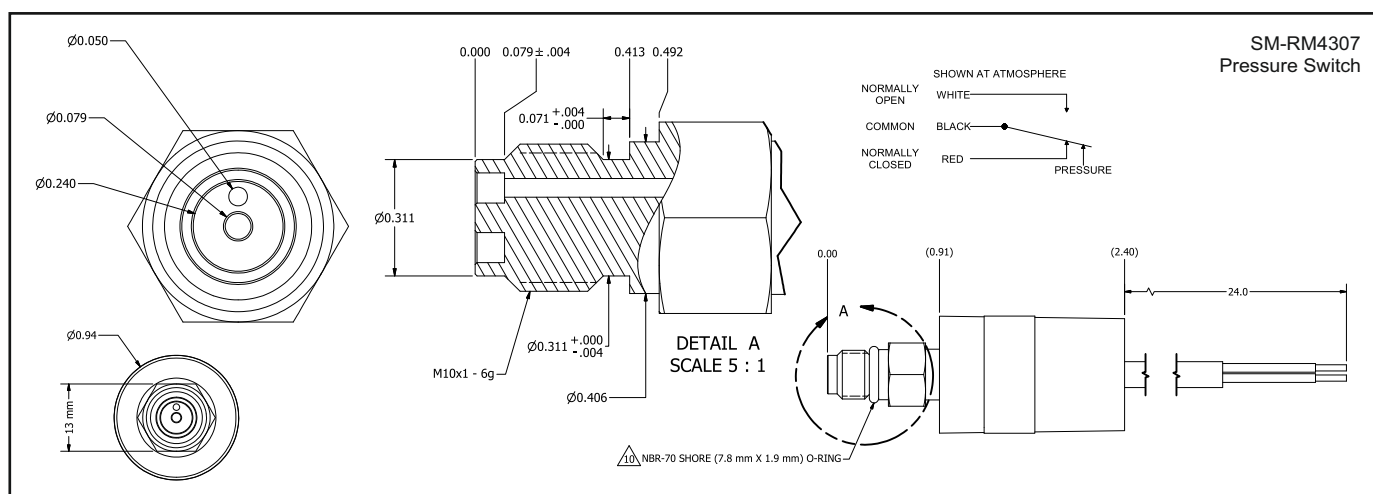
500 GM

UL & CE CERTIFIED PRESSURE SWITCH (OPTIONAL)

The presence of pressure switch marks the extinguishing units monitorable in nature so the user can always check the system's readiness. The device's role is to convert a mechanical action into an electrical impulse for the control panel to read.



ENGINEERING DRAWINGS



TECHNICAL SPECIFICATIONS

Product Code	SM-RM4307
Description	Pressure Switch SPDT (Switch Point 5Bar / 72.5 PSIG decreasing) NC & NO -Imp
Increasing Activation	130 PSIG ± 9 PSIG [9 BAR]
Decreasing Activation	72.5 PSIG ± 7 PSIG [5 BAR]
Max Pressure	290 PSIG
Connector	NONE.
Fitting	M10 WITH DEFLATOR.
Fitting Material	BRASS.
Body Material	PLASTIC
Electrical Rating	3A 240 VAC/28 VDC.
Wire Jacket/insulator Material	PVC
O-ring Provided With Switch	NBR-70 SHORE (7.8X1.9 mm)
Certification	UL, RoHS, CE

*v2' Published Date is 23-01-2025.

**Regular R&D and product improvisations may lead to change in product specifications in this data sheet, without any prior notice.

CEASEFIRE INDUSTRIES UK LIMITED

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www.ceasefire.co.uk