

CEASEFIRE'S AUTOMATIC EXTINGUISHERS AND SYSTEMS

The Ceasefire Signature Automatic range comprises Ceiling-mounted and Wall-mounted units. These solutions are carefully designed to solve unique fire safety problems in a wide variety of premises.

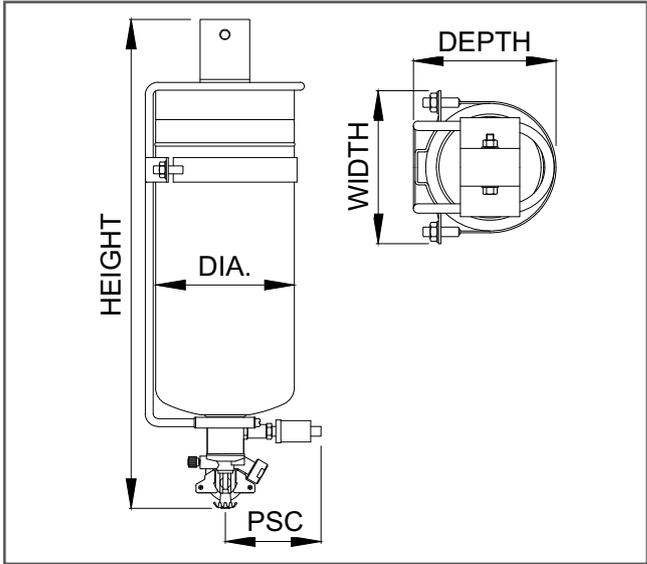
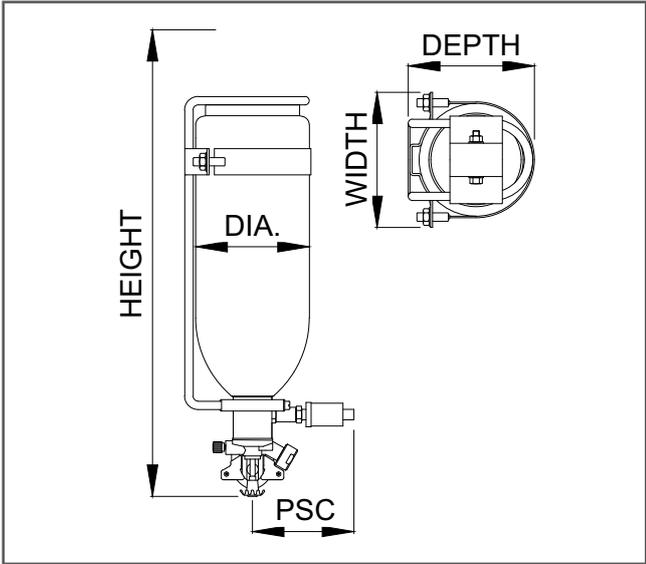
WALL MOUNTED (PRODUCT OVERVIEW)

Ceasefire's Automatic Wall Extinguishers offer a cutting-edge solution for swift and localized fire suppression in critical areas. With a built-in monitoring pressure switch, these extinguishers continuously check internal pressure to ensure they are always ready for action.

For larger spaces requiring extensive coverage, multiple extinguishers can be effortlessly connected to Ceasefire's Advanced Fire Suppression system. This system integrates all units into a centralized monitoring panel, enabling efficient control and management of multiple extinguishers simultaneously. This interconnected setup provides reliable protection across expansive areas, making it perfect for environments with complex fire safety needs.



ENGINEERING DRAWINGS



Automatic Fire Ext Wall Mounted MS SP Red						
PRODUCT CODE	SIZE kg	DIA. mm	HEIGHT mm	WIDTH mm	DEPTH mm	PSC mm
CF-001401 / CF-001411	1	108	442	130	119	100
CF-001402 / CF-001413	2	108	442	130	119	100

Automatic Fire Ext Wall Mounted MS SP Red						
PRODUCT CODE	SIZE kg	DIA. mm	HEIGHT mm	WIDTH mm	DEPTH mm	PSC mm
CF-001403 / CF-001415	4	140	493	162	161	100
CF-001404 / CF-001416	6	160	538	162	161	100
CF-001405 / CF-001417	9	175	668	197	198	100



TECHNICAL SPECIFICATIONS - ABC POWDER MAP50

Product Code	UOM	CF-001401	CF-001402	CF-001403	CF-001404	CF-001405
Description	—	Automatic Fire Ext Wall Mounted MAP50 1 Kg MS SP Red	Automatic Fire Ext Wall Mounted MAP50 2 Kg MS SP Red	Automatic Fire Ext Wall Mounted MAP50 4 Kg MS SP Red	Automatic Fire Ext Wall Mounted MAP50 6 Kg MS SP Red	Automatic Fire Ext Wall Mounted MAP50 9 Kg MS SP Red
Capacity of Agent	Kg	1	2	4	6	9
Tolerance By Mass	%	+ 5%	+ 3%	+ 2%	+ 2%	+ 2%
Certification	—	a) PED b) UKCA-PED	a) PED b) UKCA-PED	a) PED b) UKCA-PED	a) PED b) UKCA-PED	a) PED b) UKCA-PED
Agent	—	ABC Powder MAP50	ABC Powder MAP50	ABC Powder MAP50	ABC Powder MAP50	ABC Powder MAP50
Dia of Shell (approx.)	mm	86	108	140	160	175
Total Height (approx.)	mm	370	442	493	538	668
MOC of Shell	—	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Min. Wall Thickness	mm	1.4	1.4	1.2	1.4	1.4
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		
Service Pressure	Bar	15	15	15	15	15
Type of Operating Mechanism	—	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type



Product Code	UOM	CF-001401	CF-001402	CF-001403	CF-001404	CF-001405
Type of Discharge Fitting	mm	Sprinkler With Quartzoid Bulbhead				
Min. Discharge Time	Sec.	1	1.2	2.5	3.5	5
Maximum Spacing Allowed	m	1.2	1.4	3	4	5
Effective Coverage Area	m ²	1.5	3	9	12	20
Maximum Ceiling Height	m	0.8	1.4	2.5	3.0	3.5
Operating Temperature Range(approx.)*	°C	-30 to 60				
Actuation Temperature***	°C	79 ± 4	79 ± 4	79 ± 4	79 ± 4	79 ± 4
Applicable To Type Of Fire	—	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire
Filled Weight Range*	Kg	1.85 - 1.95	3.8 - 4.3	6.9 - 7.2	9.2 -9.8	13.5 - 14.4
Empty Weight Range *	Kg	0.85	1.35	1.95	2.65	3.85
Packed Weight Range (approx.) **	Kg	2.68	4.2	7.45	10.1	15.5
Packing Size Length x Width x Height	mm	125 x 115 x 400	130 x 140 x 415	160 x 160 x 470	175 x 175 x 715	190 x 195 x 650
Product Warranty****	Year	5	5	5	5	5

* 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 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.

****Product warranty should differ for Atom X and Atom X Pro versions as per the respective product specifications.

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



1 Kg



2 Kg



4 Kg



6 Kg



9 Kg



TECHNICAL SPECIFICATIONS - FLUOROKETONE (FK-5-1-12)

Product Code	UOM	CF-001411	CF-001413	CF-001415	CF-001416	CF-001417
Description	—	Automatic Fire Ext Wall Mounted (FK-5-1-12) 1 Kg MS SP Red	Automatic Fire Ext Wall Mounted (FK-5-1-12) 2 Kg MS SP Red	Automatic Fire Ext Wall Mounted (FK-5-1-12) 4 Kg MS SP Red	Automatic Fire Ext Wall Mounted (FK-5-1-12) 6 Kg MS SP Red	Automatic Fire Ext Wall Mounted (FK-5-1-12) 9 Kg MS SP Red
Capacity of Agent	Kg	1	2	4	6	9
Tolerance By Mass	%	+ 5%	+ 5%	+ 5%	+ 5%	+ 5%
Certification	—	a) PED b) UKCA-PED	a) PED b) UKCA-PED	a) PED b) UKCA-PED	a) PED b) UKCA-PED	a) PED b) UKCA-PED
Agent	—	FK-5-1-12	FK-5-1-12	FK-5-1-12	FK-5-1-12	FK-5-1-12
Dia of Shell (approx.)	mm	86	108	140	160	175
Total Height (approx.)	mm	370	442	493	538	668
MOC of Shell	—	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Min. Wall Thickness	mm	1.4	1.4	1.2	1.4	1.4
Test Pressure	Bar	30	30	30	30	30
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		
Service Pressure	Bar	10	10	10	10	10
Type of Operating Mechanism	—	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)	Automatic Thermal Quarzoid Bulb / Elect (metron)
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type	Magnetic Bourdon Tube Type



Product Code	UOM	CF-001401	CF-001402	CF-001403	CF-001404	CF-001405
Type of Discharge Fitting	mm	Sprinkler With Quartzoid Bulbhead				
Min. Discharge Time	Sec.	0.5	1	2	3	4
Min Single Volume Coverage	m ³	0.79	1.58	3.16	4.74	7.11
Max Single Volume Coverage	m ³	1.4	2.8	5.7	8.5	12.8
Concentration at Max Volume.	m ³	4.5	4.5	4.5	4.5	4.5
Operating Temperature Range(approx.)*	°C	-30 to 60				
Actuation Temperature***	°C	79 ± 4	79 ± 4	79 ± 4	79 ± 4	79 ± 4
Applicable To Type Of Fire	—	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire
Filled Weight Range*	Kg	1.85	3.35	6.05	8.75	12.95
Empty Weight Range *	Kg	0.85	1.35	1.95	2.65	3.85
Packed Weight Range (approx.) **	Kg	2.68	4.2	7.45	10.1	15.5
Packing Size Length x Width x Height	mm	125 x 115 x 400	130 x 140 x 415	160 x 160 x 470	175 x 175 x 715	190 x 195 x 650
Product Warranty****	Year	5	5	5	5	5

* 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.

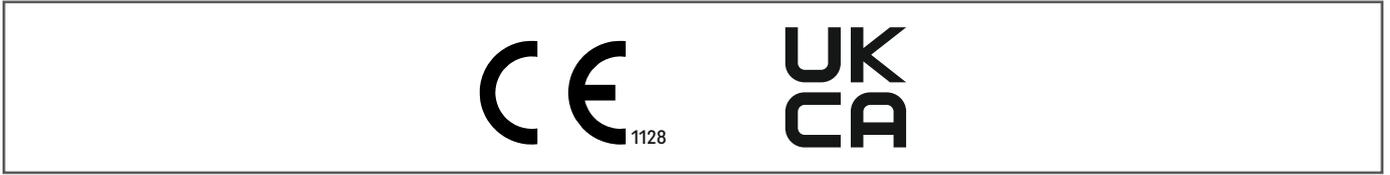
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- 93°C / 200°F
- 141°C / 286°F
- 182°C / 360°F
- 227°C / 440°F

CERTIFICATIONS



PRODUCT PICTURES



9 Kg



6 Kg



4 Kg



1 Kg



2 Kg

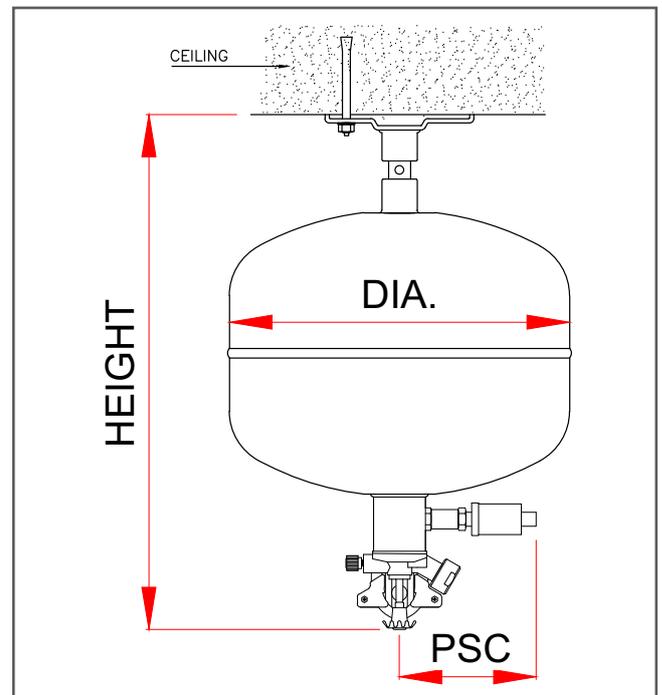
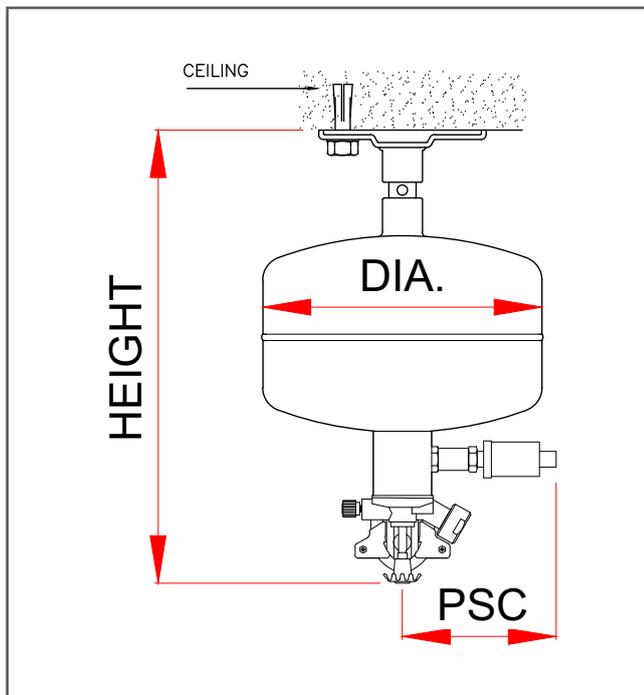
CEILING MOUNTED (PRODUCT OVERVIEW)

Ceasefire's Ceiling-Mounted Fire Extinguishers deliver advanced fire suppression capabilities, offering rapid and reliable protection from above in critical areas. These extinguishers are equipped with a monitoring pressure switch that continuously checks internal pressure to ensure optimal functionality at all times.

For larger spaces requiring broader coverage, multiple ceiling-mounted extinguishers can be integrated into Ceasefire's Advanced Fire Suppression system. This centralized setup connects all units to an advanced monitoring panel, allowing seamless management and coordinated activation. Ideal for environments with complex fire safety requirements, this system ensures comprehensive and efficient overhead protection across expansive areas.



ENGINEERING DRAWINGS



Automatic Fire Ext Ceiling Mounted MS SP Red

PRODUCT CODE	SIZE kg	DIA. mm	HEIGHT mm	PSC mm
CF-001388 / CF-001393	2	175	287	100

Automatic Fire Ext Ceiling Mounted MS SP Red

PRODUCT CODE	SIZE kg	DIA. mm	HEIGHT mm	PSC mm
CF-000017 / CF-001337	5	240	367	100
CF-000018 / CF-001338	10	300	389	100
CF-001490 / CF-001493	15	300	469	100



TECHNICAL SPECIFICATIONS - ABC POWDER MAP90

Product Code	UOM	CF-001388	CF-000017	CF-000018	CF-001490
Description	—	Automatic Fire Ext Ceiling Mounted MAP90 2 Kg MS SP Red	Automatic Fire Ext Ceiling Mounted MAP90 5 Kg MS SP Red	Automatic Fire Ext Ceiling Mounted MAP90 10 Kg MS SP Red	Automatic Fire Ext Ceiling Mounted MAP90 15 Kg MS SP Red
Capacity of Agent	Kg	2	5	10	15
Tolerance By Mass	%	+ 2%	+ 2%	+ 2%	+ 2%
Certification	—	a) PED b) UKCA-PED	a) PED b) UKCA-PED c) BSI (TESTED)	a) PED b) UKCA-PED c) BSI (TESTED)	a) PED b) UKCA-PED
Agent	—	ABC Powder MAP90	ABC Powder MAP90	ABC Powder MAP90	ABC Powder MAP90
Dia of Shell (approx.)	mm	175	240	300	300
Total Height (approx.)	mm	287	367	389	469
MOC of Shell	—	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Min. Wall Thickness	mm	2.0	1.6	2.0	2.0
Test Pressure	Bar	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
Service Pressure	Bar	15	15	15	15
Type of Operating Mechanism	—	Automatic Thermal Quarzoid Bulb / Elect (metron)			
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type			



Product Code	UOM	CF-001388	CF-000017	CF-000018	CF-001490
Type of Discharge Fitting	mm	Sprinkler With Quartzoid Bulbhead			
Min. Discharge Time	Sec.	2 to 5	4 to 8	6 to 10	12 to 18
Maximum Spacing Allowed	m	2.3	2.8	5.5	6.5
Effective Coverage Area	m ²	5	12.5	25	37.5
Maximum Ceiling Height	m	1.5	3	3.5	4
Operating Temperature Range(approx.)*	°C	-30 to 60	-30 to 60	-30 to 60	-30 to 60
Actuation Temperature***	°C	68 ± 4	68 ± 4	68 ± 4	68 ± 4
Applicable To Type Of Fire	—	Class A, B,C & Electrical Started Fire			
Filled Weight Range*	Kg	3.85 - 4.10	8.80 - 8.95	15.80 - 16.10	20.60 - 20.80
Packed Weight Range (approx.) **	Kg	1.30	8.80	16.43	20.5 to 20.75
Packing Size Length x Width x Height	mm	230 x 200 x 240	255 x 255 x 320	315 x 315 x 370	360 x 360 x 520
Product Warranty****	Year	5	5	5	5

*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 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.

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CERTIFICATIONS



PRODUCT PICTURES



2 Kg



5 Kg



10 Kg



15 Kg



TECHNICAL SPECIFICATIONS - FLUOROKETONE (FK-5-1-12)

Product Code	UOM	CF-001393	CF-001337	CF-001338	CF-001493
Description	—	Automatic Fire Ext Ceiling Mounted (FK-5-1-12) 2 Kg MS SP Red	Automatic Fire Ext Ceiling Mounted (FK-5-1-12) 5 Kg MS SP Red	Automatic Fire Ext Ceiling Mounted (FK-5-1-12) 10 Kg MS SP Red	Automatic Fire Ext Ceiling Mounted (FK-5-1-12) 15 Kg MS SP Red
Capacity of Agent	Kg	2	5	10	15
Tolerance By Mass	%	- 5%	- 5%	- 5%	- 5%
Certification	—	a) PED b) UKCA-PED c) BSI (TESTED)			
Agent	—	FK-5-1-12	FK-5-1-12	FK-5-1-12	FK-5-1-12
Dia of Shell (approx.)	mm	175	240	300	300
Total Height (approx.)	mm	287	367	389	469
MOC of Shell	—	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Min. Wall Thickness	mm	2.0	1.6	2.0	2.0
Test Pressure	Bar	30	30	30	30
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
Service Pressure	Bar	10	10	10	10
Type of Operating Mechanism	—	Automatic Thermal Quarzoid Bulb / Elect (metron)			
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type			



Product Code	UOM	CF-001393	CF-001337	CF-001338	CF-001493
Type of Discharge Fitting	mm	Sprinkler With Quartzoid Bulbhead			
Min. Discharge Time	Sec.	2 to 5	4 to 8	6 to 10	6 to 15
Min. Single Volume Coverage	m ³	1.58	3.95	7.9	11.85
Max. Single Volume Coverage	m ³	2.8	7.2	14.4	21.5
Concentration at Max Volume.	m ³	4.5	4.5	4.5	4.5
Operating Temperature Range(approx.)*	°C	-30 to 60	-30 to 60	-30 to 60	-30 to 60
Actuation Temperature***	°C	68 ± 4	68 ± 4	68 ± 4	68 ± 4
Applicable To Type Of Fire	—	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire	Class A, B, C and Electrical Started Fire
Filled Weight Range*	Kg	3.95-4.05	7.45 - 7.55	14.10 - 14.55	18.30 - 19.05
Packed Weight Range (approx.) **	Kg	1.30	8.80	16.43	20.5 to 20.75
Packing Size Length x Width x Height	mm	230 x 200 x 240	255 x 255 x 320	315 x 315 x 370	360 x 360 x 520
Product Warranty****	Year	5	5	5	5

*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.

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CERTIFICATIONS



PRODUCT PICTURES



2 Kg



5 Kg



10 Kg



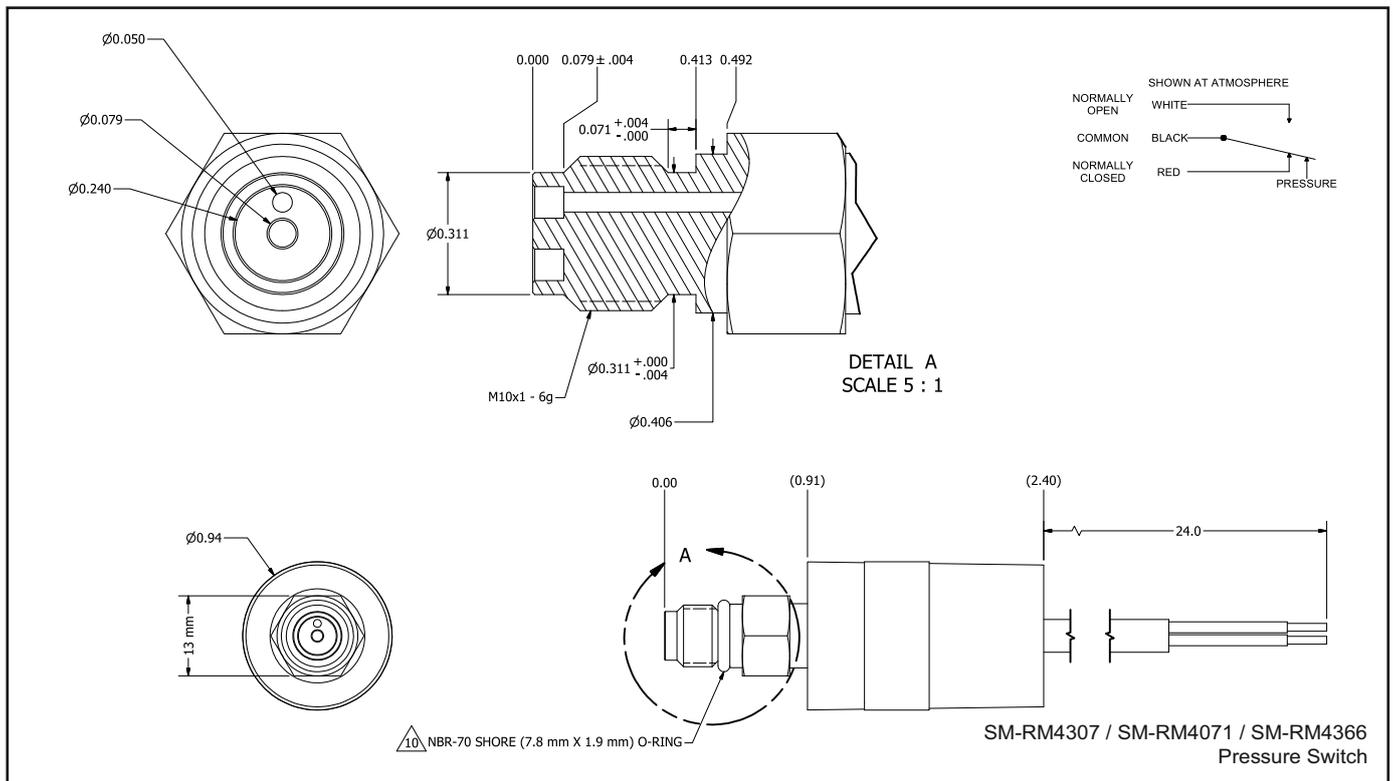
15 Kg

UL LISTED 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
Increasing Activation	130 PSIG \pm 9 PSIG [9 BAR]
Decreasing Activation	72.5 PSIG \pm 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

