

ATOM X - RETROFITTABLE FIRE SUPPRESSION SYSTEM

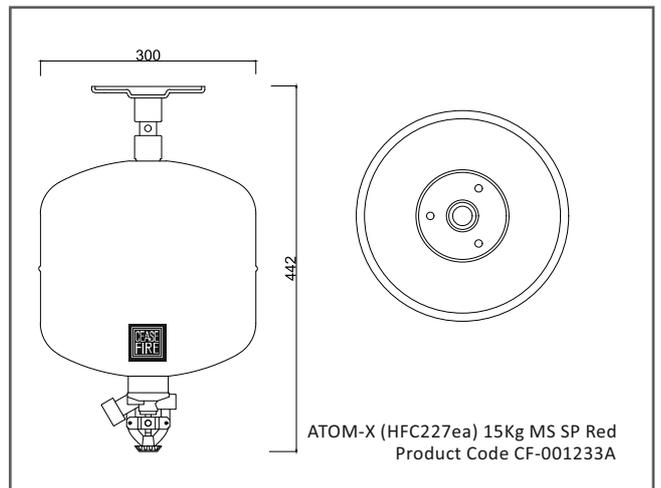
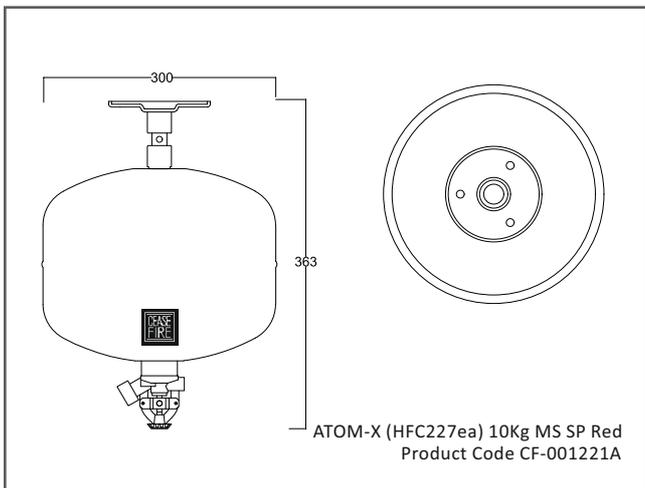
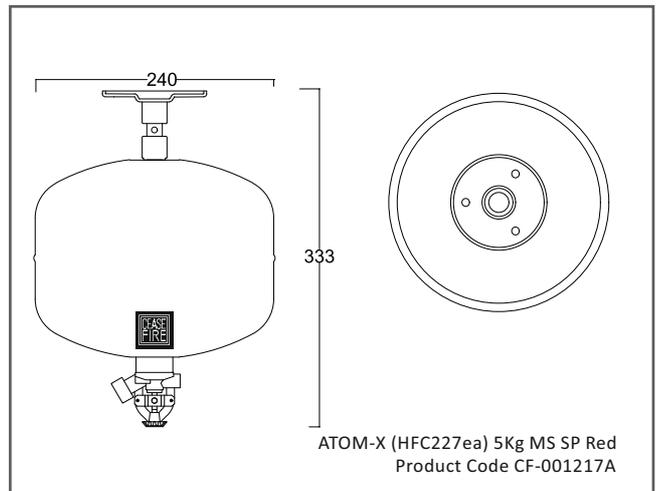
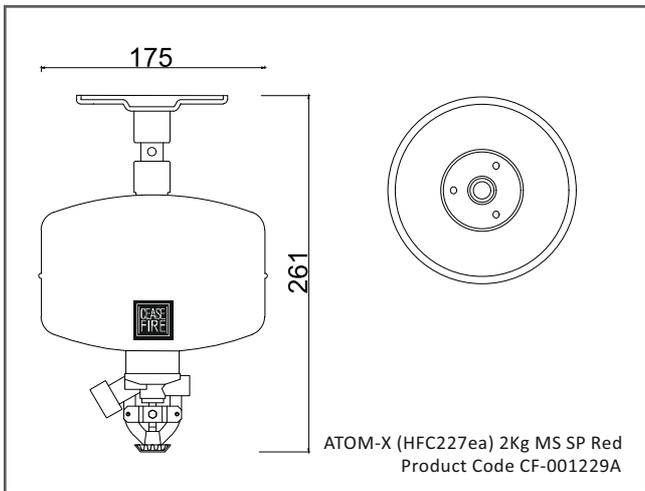
HFC227ea (PRODUCT OVERVIEW)

Ceasefire Atom X doesn't demand any structural change. It neither consumes the floor space nor leads to any downtime. This innovative system is mounted on the ceiling of the space. Designed with smart and sensitive features, it minimises the possibility of false activation and safeguards the premises.

The system makes use of HFC 227ea as an extinguishing agent. It is a completely clean, gas-based extinguishing agent. And ensures that the fire is put out without causing any collateral damage. HFC 227ea's zero ODP makes it absolutely safe for the environment too.



ENGINEERING DRAWINGS





TECHNICAL SPECIFICATIONS

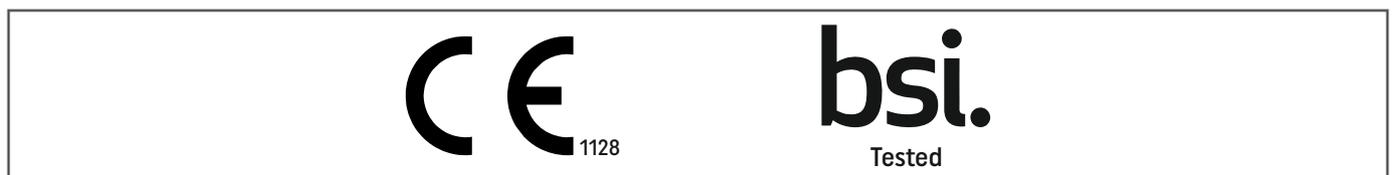
Product Code	UOM	CF-001229A	CF-001217A	CF-001221A	CF-001233A
Description	—	ATOM-X (HFC227ea) 2Kg MS SP Red	ATOM-X (HFC227ea) 5Kg MS SP Red	ATOM-X (HFC227ea) 10Kg MS SP Red	ATOM-X (HFC227ea) 15Kg MS SP Red
Capacity of Agent	Kg	2	5	10	15
Filling Tolerance By Mass	%	-5	-5	-5	-5
Agent	—	HFC-227ea	HFC-227ea	HFC-227ea	HFC-227ea
Certification Standard	—	PED BSI TESTED	PED BSI TESTED	PED BSI TESTED	PED BSI TESTED
Diameter of Shell	mm	175	240	300	300
Total Height (approx.)	mm	261	333	363	442
MOC of Shell	—	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Min. Wall Thickness	mm	2	1.6	2	2
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	10	10	10	10
Type of Operating Mechanism	—	Automatic	Automatic	Automatic	Automatic
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type			

Product Code	UOM	CF-001229A	CF-001217A	CF-001221A	CF-001233A
Type of Dis. Fitting & Length	mm	Quartzoid Bulb (Thermal & Metron Actuator)			
Min. Discharge Time	Sec.	up to 6	4 to 8	6 to 10	6 to 15
Max. coverage Volume (upto)	Cu.M	3.65	10.00	20.00	27.2
Operating Temperature Range	°C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Applicable to Type of Fire	—	Class A, B, C & Electrical Started Fire	Class A, B, C & Electrical Started Fire	Class A, B, C & Electrical Started Fire	Class A, B, C & Electrical Started Fire
Gross Weight (approx.)*	Kg	3.61 kg	8.80 kg	15.85 kg	20.65 kg
Product Warranty**	Year	1	1	1	1

*It includes Empty Extinguisher, Contents, QBD , Metron and Base Plate.

**The warranty is subject to the terms and conditions mentioned on the warranty card.

CERTIFICATIONS



PRODUCT PICTURES



ATOM X - RETROFITTABLE FIRE SUPPRESSION SYSTEM

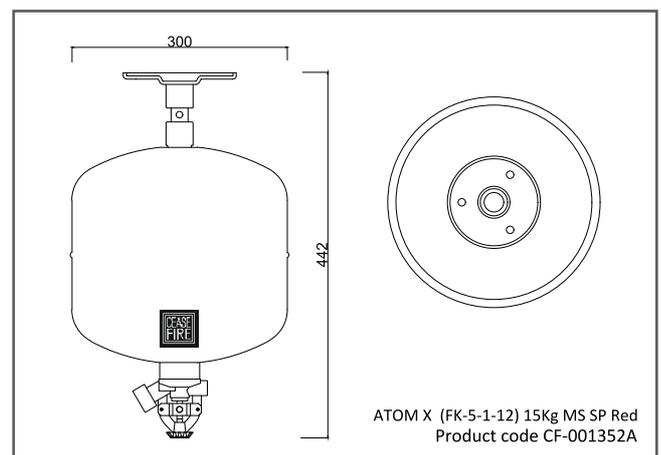
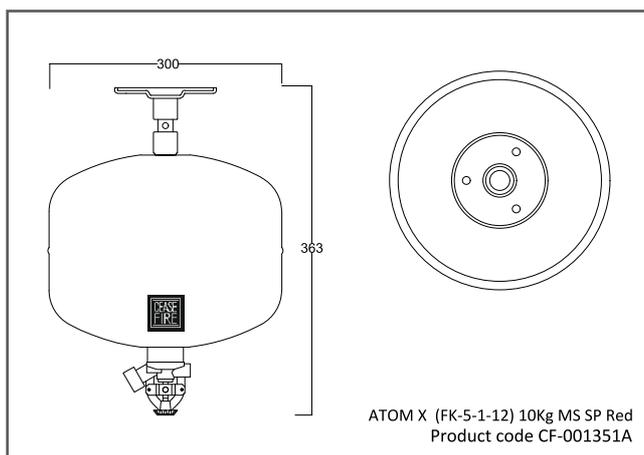
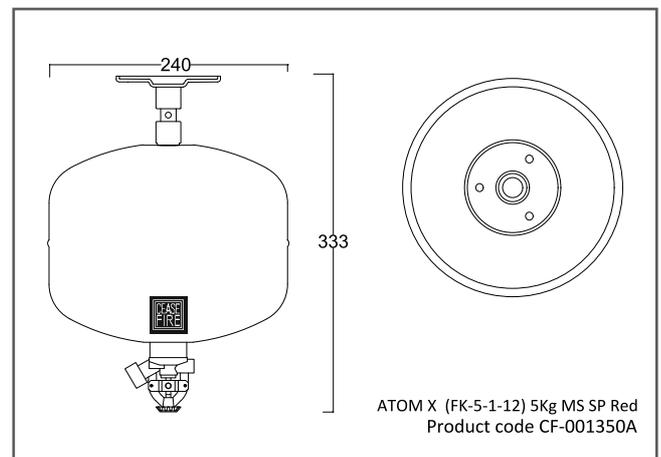
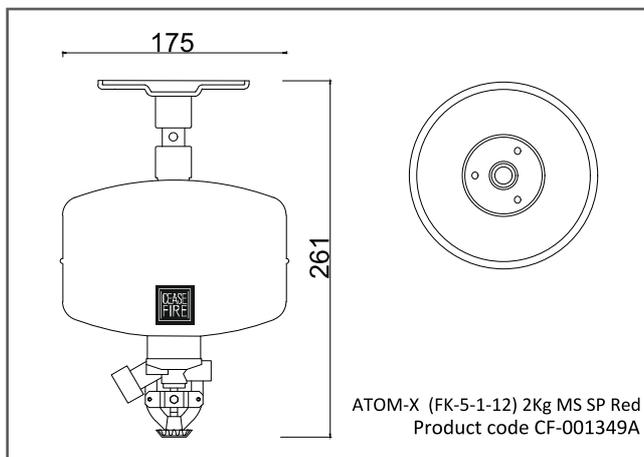
FLUOROKETONE-FK (PRODUCT OVERVIEW)

The retrofittable ceiling-mounted Atom X is based on a clean agent, Fluoroketone, which is attached to the control panel. The system containers are attached to specially designed nozzles to ensure optimum use of the extinguishing agent. All modular units, once activated, discharge the agent at once, leading to total flooding. These modular units are attached to the control panel with detection devices together, forming a two-way communication with detection devices and agent containers. The detection devices detect even the weakest fire and send a signal to the control panel.

Atom X is available in Fluoroketone and applies to classes A, B, C, and Electrically started fires. At the same time, it comes in different sizes, which include 2 kg, 5 kg, 10 kg, and 15 kg.



ENGINEERING DRAWINGS





TECHNICAL SPECIFICATIONS

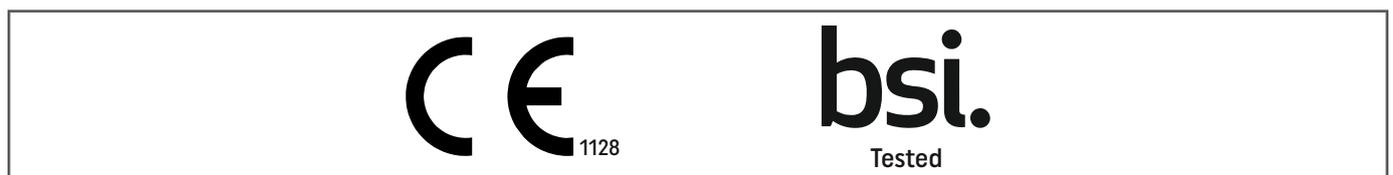
Product Code	UOM	CF-001349A	CF-001350A	CF-001351A	CF-001352A
Description	—	ATOM-X (FK-5-1-12) 2Kg MS SP Red	ATOM-X (FK-5-1-12) 5Kg MS SP Red	ATOM-X (FK-5-1-12) 10Kg MS SP Red	ATOM-X (FK-5-1-12) 15Kg MS SP Red
Capacity of Agent	Kg	2	5	10	15
Filling Tolerance By Mass	%	-5	-5	-5	-5
Agent	—	FK-5-1-12	FK-5-1-12	FK-5-1-12	FK-5-1-12
Certification Standard	—	PED BSI TESTED	PED BSI TESTED	PED BSI TESTED	PED BSI TESTED
Diameter of Shell	mm	175	240	300	300
Total Height (approx.)	mm	261	333	363	442
MOC of Shell	—	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Min. Wall Thickness	mm	2	1.6	2	2
Test Pressure	Bar	35	35	35	35
Anti-corrosive Treatment External	—	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	Automatic	Automatic	Automatic
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type			

Product Code	UOM	CF-001349A	CF-001350A	CF-001351A	CF-001352A
Type of Dis. Fitting & Length	mm	Quartzoid Bulb (Thermal & Metron Actuator)			
Min. Discharge Time	Sec.	up to 6	4 to 8	6 to 10	6 to 15
Max. coverage Volume	Cu.M	3	7.5	15	22.7
Operating Temperature Range	°C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Applicable to Type of Fire	—	Class A, B,C & Electrical Started Fire			
Gross Weight (approx.)*	Kg	3.61 kg	8.80 kg	15.85 kg	20.65 kg
Product Warranty**	Year	1	1	1	1

*It includes Empty Extinguisher, Contents, QBD , Metron and Base Plate.

**The warranty is subject to the terms and conditions mentioned on the warranty card.

CERTIFICATIONS



PRODUCT PICTURES



ATOM X - RETROFITTABLE FIRE SUPPRESSION SYSTEM

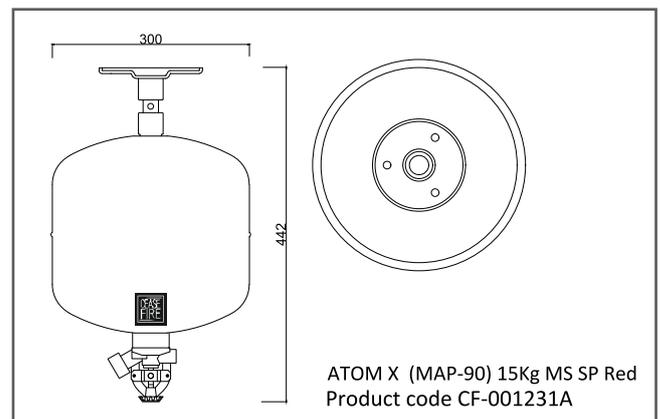
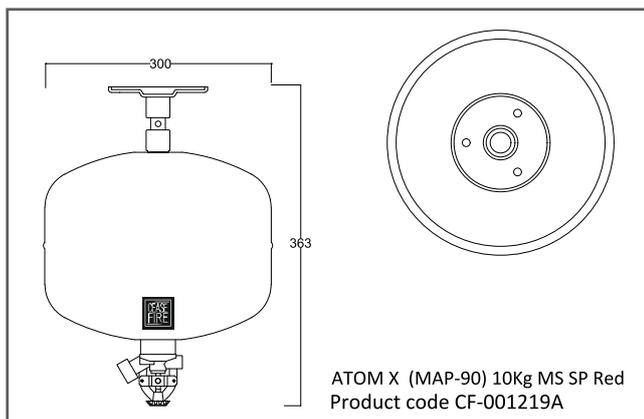
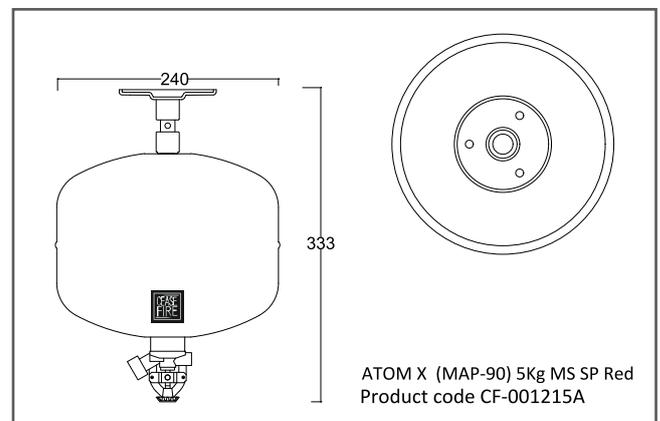
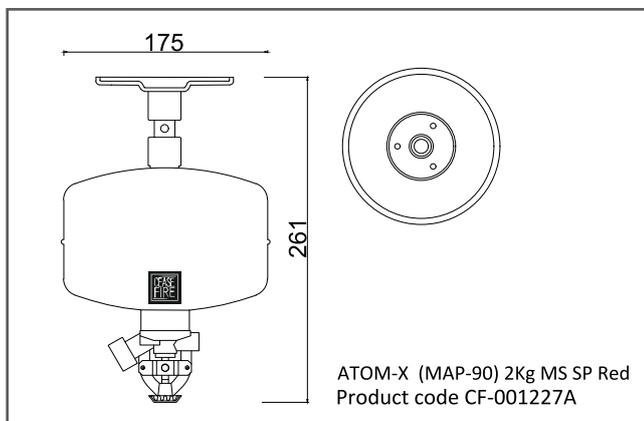
ABC POWDER-MAP 90 (PRODUCT OVERVIEW)

Understanding the evolving demands of unique infrastructures and businesses, Ceasefire presents the next generation of specialized fire suppression technology. Ceasefire Atom X doesn't demand any structural changes; neither consumes the floor space nor leads to downtime, as this innovative system is mounted on the ceiling of the space. Designed with smart and sensitive features, it minimizes the possibility of false activation and safeguards the premises. The system is an automated smart network of ceiling-mounted agent containers, an array of detection devices, and a control panel.

Atom X is available in MAP 90 and applies to classes A, B, C, and Electrically started fires. At the same time, it comes in different sizes, which include 2 kg, 5 kg, 10 kg, and 15 kg.



ENGINEERING DRAWINGS





TECHNICAL SPECIFICATIONS

Product Code	UOM	CF-001227A	CF-001215A	CF-001219A	CF-001231A
Description	—	ATOM-X (MAP-90) 2Kg MS SP Red	ATOM-X (MAP-90) 5Kg MS SP Red	ATOM-X (MAP-90) 10Kg MS SP Red	ATOM-X (MAP-90) 15Kg MS SP Red
Capacity of Agent	Kg	2	5	10	15
Filling tolerance by Mass	%	+ 2	± 2	± 2	± 2
Agent	—	ABC Powder MAP 90			
Certification Standard	—	PED BSI TESTED	PED BSI TESTED	PED BSI TESTED	PED BSI TESTED
Diameter of Shell	mm	175	240	300	300
Total Height (approx.)	mm	261	333	363	442
MOC of Shell	—	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Min. Wall Thickness	mm	2	1.6	2	2
Test Pressure	Bar	35	35	35	35
Anti Corrosive Treatment External	—	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	Automatic	Automatic	Automatic
Type of Pressure Gauge	—	Magnetic Bourdon Tube Type			
Type of Dis. Fitting & Length	mm	Quartzoid Bulb (Thermal & Metron Actuator)			

Product Code	UOM	CF-001227A	CF-001215A	CF-001219A	CF-001231A
Min. Discharge Time	Sec.	up to 6	4 to 8	6 to 10	6 to 15
Max. coverage area at Ceiling Height	Sq.m	3.00 at 1.8m Height	12.00 at 3.6m Height	25.00 at 4.4m Height	45.00 at 6.5m Height
Operating Temperature Range	°C	From -30 to +60			
Applicable to Type of Fire	—	Class A, B,C & Electrical Started Fire			
Gross Weight*	Kg	3.61	8.8	15.85	20.65
Product Warranty**	Year	1	1	1	1

*It includes Empty Extinguisher, Contents, QBD , Metron and Base Plate.

**The warranty is subject to the terms and conditions mentioned on the warranty card.

CERTIFICATIONS



PRODUCT PICTURES



2 KG



5 KG



10 KG



15 KG

*v3' Published Date is 28-04-2025.

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

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