

AUREX

Stay Alert, Don't Get Hurt



Office Address

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Factory Address

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At-savdi, Butiyu, Sutvey no:49/1p1,
Tankara-latipar road, Morbi, Gujarat, 363650



MISSION:

We aspire to set new benchmarks in the fire extinguisher industry by continuously upgrading our products, adopting modern technology, and delivering solutions that are efficient, user -friendly, and dependable in real-life emergencies.

VISION:

By 2030, Aurex aims to become a trusted leader in fire safety across every sector. We strive to deliver innovative, high -quality solutions that protect lives and property. Our vision is to build confidence in every customer through reliability and excellence . Creating a safer society where fire risks are minimized and proactively prevented.

TARGET:

Achieve zero- defect manufacturing goal with strict quality control System.

Ensure 99%+ customer satisfaction rate .

Deliver service and support within 24 hours .

Expand presence to 500+ cities across India .

Maintain an annual growth rate of +25%.

WHERE TO USE?

An extinguisher is a First-aid device which is used against the critical situations of fire only. There is no chance for testing the device while fire is going on, that's why the device must be totally reliable and user friendly.

When it comes to application, Fire equipment needs to be identifiable, handy and appropriate for the property it is intended to protect.

But good fire protection is about more than just having the right devices in the right places, also requires rigorous monitoring to ensure that it will perform effectively when needed.

Everyone should be familiar with the picture symbols which identify the types of fires on which they may be used. As listed below.

The symbol diagonal red slashes indicates a potential danger if the extinguisher is used on that particular type of fire.

Absence of a type symbol means only that the extinguisher is not recommended as particularly effective for that classification of fire.

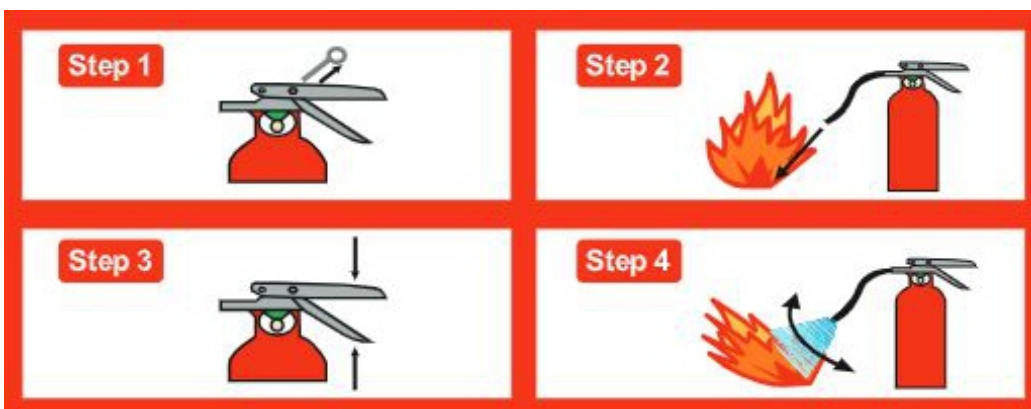


"AUREX" provides you a valuable user manual which contains very much needed information like how to use, install and maintenance of an extinguisher.

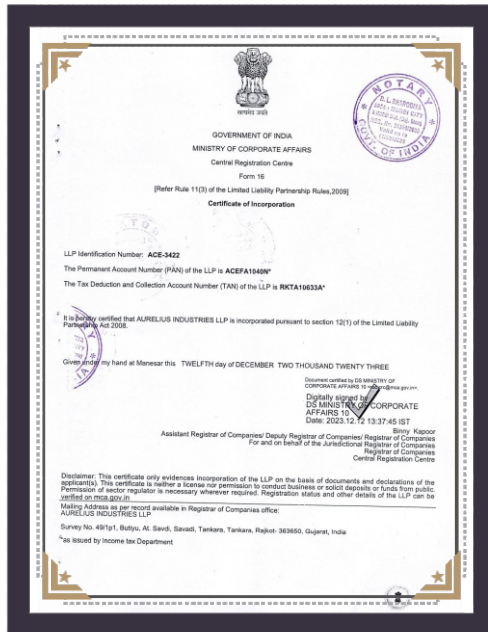
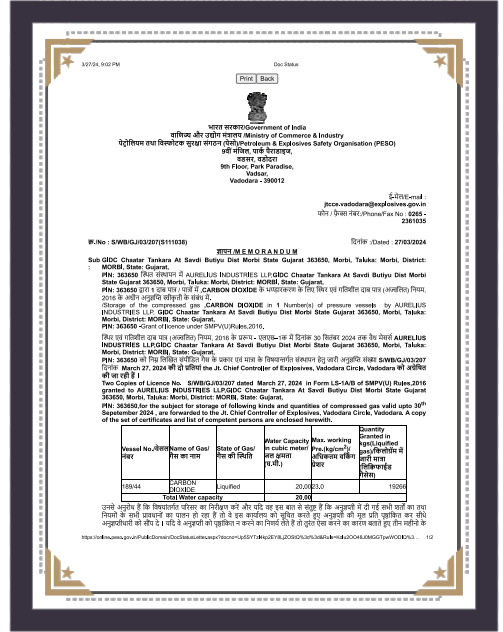
The Label affixed on extinguisher body contains specific information of "HOW TO OPERATE" the particular extinguisher.

The label instruction will change according to size and type of extinguisher.

Everyone should be aware of Instructions provided on Extinguishers.



HOW TO USE?



AUREX™

15683- Licence No. CM/L - 7900156215

16018- Licence No. CM/L - 7900156720

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AUREX™



DRY CHEMICAL POWDER TYPE FIRE EXTINGUISHER SERIES



Home



Office



Building



Warehouses



Farms



Wood Working

DRY CHEMICAL PORTABLE EXTINGUISHERS STORED PRESSURE

FEATURES

- Class A/B/C and electrical Fire : MAP powder.
- Class B/C and electrical Fire : SBC/PBC/MAP powder.
- BIS Approved and ISI marked.
- Brass Chrome plated valve-squeeze operation.
- Hydraulically tested As per standard with anti-corrosive treatment.
- UV Resistant - High quality powder coating.
- EPDM Rubber braided hose-High flexibility and less prone to cracks.
- Gauge Testing System mechanism.
- Easy to maintain, recharge & service.
- Large loop Stainless steel Pull pin.
- Controllable discharge.



CAPACITY	1 KG	2 KG	4 KG	6 KG	9 KG
MOOEL(90%Series)	AI-1 90% SP	AI-2 90% SP	AI-4 90% SP	AI-6 90% SP	AI-9 90% SP
MODEL (50% Series)	AI-1 50% SP	AI-2 50% SP	AI-4 50% SP	AI-6 50% SP	AI-9 50% SP
MOOEL (40 %Series)	AI-1 40% SP	AI-2 40% SP	AI-4 40% SP	AI-6 40% SP	AI-9 40% SP
MODEL(BC Powder Series)	-	-	-	-	-
DESIGN	NOZZLE	NOZZLE	HOSE & NOZZLE	HOSE & NOZZLE	HOSE & NOZZLE
Fire Rating (MAP 90%)	1A 21B	1A 34B	3A 89B	4A 114B	6A 233B
Fire Rating (MAP 50%)	1A 21B	1A 34B	3A 89B	3A 89B	4A 144B
Fire Rating (MAP 40%)	1A 21B	1A 34B	3A 89B	3A 89B	4A 144B
Fire Rating (BC Powder)	-	-	55B	89B	233B
Height (Approx.)	338 MM	380 MM	490 MM	500 MM	580 MM
Diameter (Approx)	86 MM (+- 5 MM)	105 MM (+- 5 MM)		160 MM (+- 5 MM)	180 MM (+- 5 MM)
Average Discharge Time	9 SEC.	15 SEC.	18 SEC.	24 SEC.	30 SEC.
Average Range of Throw	2 MTR	2.5 MTR	3 MTR	6 MTR	6.5 MTR
Average % Discharge	96%	96%	95%	95%	95%
Operating Temperature	-30 c to +60				
Service / Max Service / Test Pressure	15/18/35 bar				
Expelling Agent	Nitrogen (UHP Grade)				
Empty/Full/Shipping Weight (Approx)	0.8/1.8	1.4/3.4	2.3/6.3	2.5/8.5/9.15	3.3/12.3/12.7
Packing Standard	Corrugated Box				
Mounting Bracket	Vehicle /Wall bracket		Wall Bracket		
Approvals	BIS/CE/FACTORY TESTED				

DRY CHEMICAL PORTABLE EXTINGUISHERS STORED PRESSURE-SS FINISH

FEATURES

- Smooth Finish stainless steel body to give aesthetic impression.
- Class A/B/C and electrical Fire:MAP powder.
- BIS Approved and ISI marked.
- CE marked brass chromeplated valve - squeeze operation.
- Hydraulically tested as per standard with anti-corrosive treatment.
- EPDM Rubber braided hose-High flexibility and less prone to cracks.
- Unique Gauge Testing System (UGTS) mechanism.
- Easy to maintain, recharge & service.
- large loop Stainless steel Pull pin.
- Controllable discharge



CAPACITY	2 kg	4kg	6kg
MODEL	AI-2-50% + AI-2-90%	AI-4-50% + AI-4-90%	AI-6-50% + AI-6-90%
DESIGN	NOZZLE	HOSE & NOZZLE	HOSE & NOZZLE
Fire Rating (MAP 90%)	1A 34B	3A 89B	4A 144B
Fire Rating (MAP 50%)	1A 34B	2A 55B	3A 89B
Height (Approx.)	380 MM	490 MM	500 MM
Diameter (Approx)	105 MM (+- 5 MM)		160 MM (+- 5 MM)
Average Discharge Time	15 SEC.	18 SEC.	24 SEC.
Average Range of Throw	2.5 MTR	3 MTR	6 MTR
Average % Discharge	96%	95%	95%
Operating Temperature	-30 c to +60		
Service / Max Service / Test Pressure	15/18/35 bar		
Expelling Agent	Nitrogen (UHP Grade)		
Empty/Full/ShippingWeight (Approx)	1.4/3.4	2.2/6.2	2.4/8.4/9.05
Packing Standard	Corrugated Box		
Mounting Bracket	Wall Bracket		
Approvals	BIS/CE/FACTORY TESTED		

DRY CHEMICAL PORTABLE EXTINGUISHERS CARTRIDGE OPERATED

FEATURES

- Class A/B/C and electrical Fire: MAP powder.
- Class B/C and electrical Fire: SBC/PBC/MAP powder.
- BIS Approved and ISI marked.
- Brass Chrome plated valve-squeeze operation.
- Rugged cartridge type
- Hydraulically tested As per standard with anti-corrosive treatment.
- UV Resistant - High quality powder coating.
- EPDM Rubber braided hose-High flexibility and less prone to cracks.
- Gauge Testing System mechanism.
- Easy to maintain, recharge & service.
- Large loop Stainless steel Pull pin.



CAPACITY	4 KG	6 KG	9 KG
MOOEL(90%Series)	AIC-4-90%	AIC-6-90%	AIC-9-90%
MODEL (50% Series)	AIC-4-50%	AIC-6-50%	AIC-9-50%
DESIGN	HOSE	HOSE	HOSE
Fire Rating (MAP 90%)	3A 89B	44 144B	6A 233B
Fire Rating (MAP 50%)	2A 55B	3A 89B	4A 144B
Height (Approx.)	510 MM	540 MM	585 MM
Diameter (Approx)	140 MM (+- 5 MM)	150 MM (+- 5 MM)	180 MM (+- 5 MM)
Average Discharge Time	18 SEC.	24 SEC.	30 SEC.
Average Range of Throw	3 MTR	5 MTR	6 MTR
Average % Discharge	94%	94%	94%
Operating Temperature	-30 c to +60		
Service / Max Service / Test Pressure	15/18/35 bar		
Expelling Agent	CO2 GAS		
CO2 GAS Cartridge	120 gm	120 gm	200 gm
Empty/Full/ShippingWeight (Approx)	3.7/7.7/& 8.2kg	4/10/10.5kg	6.3/15.3/15.8kg
Packing Standard	Corrugated Box		
Mounting Bracket	Wall Bracket		
Approvals	BIS		

DRYCHEMICAL MOBILE EXTINGUISHERS STORED PRESSURE

FEATURES

- SBC/PBC based Dry Chemical powder capable of fighting against class B,C & Electrically started fires
- MAP Mono Ammonium Phosphate drychemical powder capable of fighting against class A, B,C & Electrically started fires
- BIS Approved and ISI marked
- Hydraulically tested as per standard
- Pressurized with UHP grade Nitrogen gas
- High quality powder coating (UV Resistant)
- Controllable discharge
- Brass forged cap with auto safety release mechanism
- Easy & more economical to refill maintain & service
- PVC Braided hose with SS protection spring of 300mm to avoid kink and shut off nozzle
- Conformity standard IS16018:2012



CAPACITY	25kg	50kg	75kg
MODEL (BC POWDER)	AI-25-S	AI-50-S	AI-75-S
MODEL (BC POWDER)	AI-25- P	AI-50-P	AI-75-P
MODEL (MAP POWDER) 50%	AI-25-50%	AI-50-50%	AI-75-50%
MODEL (MAP POWDER) 90%	AI-25-90%	AI-50-90%	AI-75-90%
DESIGN	HOSE & NOZZLE		
Fire Rating (MAP POWDER)	20A233B	20A:2338	20A:2338
Fite Rating (BC Powder)	233B	233B	233B
Height (Approx.)	980 mm	1020 mm	1030 mm
Diameter (Approx)	300 +-10mm	400 +-10mm	400 +-10mm
Average Discharge Time	30 to 40 sec	60 to 70 sec	75 to 85 sec
Average Range of Throw	6 mtr		
Average % Discharge	85%		
Operating Temperature	-30 c to +60		
Service / Max Service / Test Pressure	15/18/35 bar		
Expelling Agent	Nitrogen (UHP Grade)		
Empty/Full/ShippingWeight (Approx)	35/60/62kg	55/105/106kg	65/140/142 kg
Packing Standard	Paper and Jute bags		
Approvals	BIS only for map powder		

DRY CHEMICAL MOBILE EXTINGUISHERS EXTERNAL GAS CYLINDER

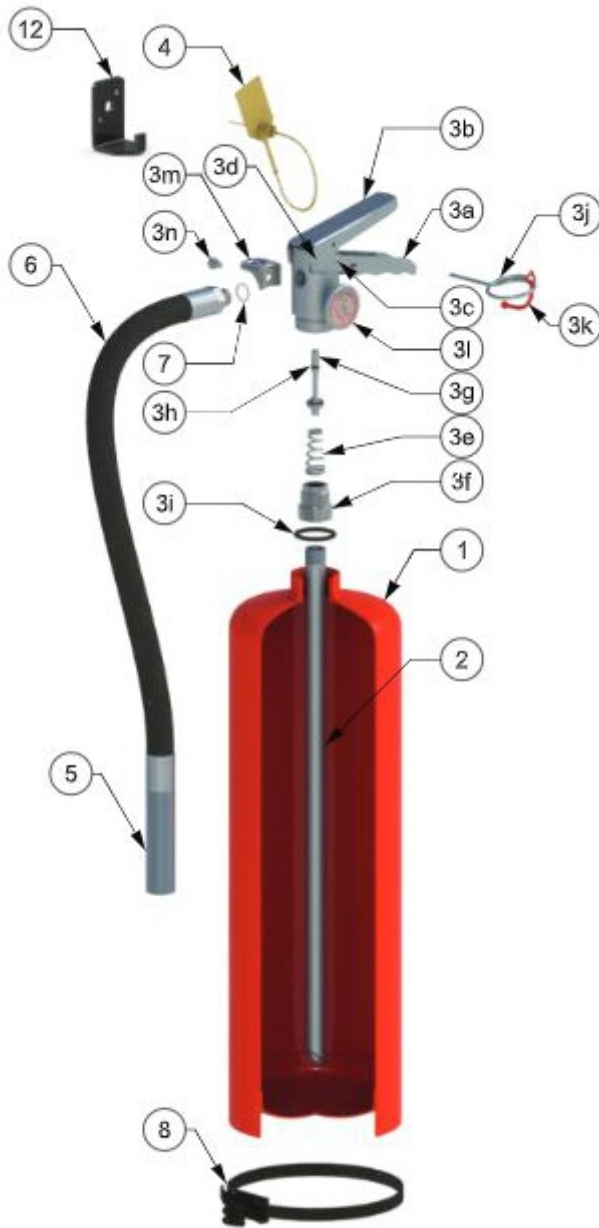
FEATURES

- MAP Mono Ammonium Phosphate drychemical powder capable of fighting against class A, B,C & Electrically started fires
- SBC/PBC based Dry Chemical powder capable of fighting against class BC & Electrically started fires
- BIS Approved and ISI marked
- Hydraulically tested as per standard
- External CO2 gas cylinder (PESO Approved)
- High quality powder coating (UV Resistant)
- Controllable discharge
- Brass forged cap with auto safety release mechanism
- PVC Braided hose with SS protection spring of 300mm to avoid kink and shut off nozzle
- Easy & more economical to refill maintain & service
- Conformity standard IS16018:2012



CAPACITY	25kg	50kg	75kg
MODEL (BC POWDER)	AI-25-S	AI-50-S	AI-75-S
MODEL (BC POWDER)	AI-25- P	AI-50-P	AI-75-P
MODEL (MAP POWDER) 50%	AI-25-50%	AI-50-50%	AI-75-50%
MODEL (MAP POWDER) 90%	AI-25-90%	AI-50-90%	AI-75-90%
DESIGN	HOSE & NOZZLE	HOSE & NOZZLE	HOSE & NOZZLE
Fire Rating (MAP POWDER)	20A233B	20A:2338	20A:2338
Fite Rating (BC Powder)	233B	233B	233B
Height (Approx.)	980 mm	1020 mm	1030 mm
Diameter (Approx)	300 +-10mm	400 +-10mm	400 +-10mm
Average Discharge Time	25 to 30 sec	40 to 50 sec	50 to 60 sec
Average Range of Throw	6 mtr	8 mtr	10 mtr
Average % Discharge	91%	90%	90%
Operating Temperature	-30 c to +60		
Service / Max Service / Test Pressure	14/17/35 bar		
Expelling Agent	co2 gas		
CO2 Gas Capacity	2kg		
Empty/Full/ShippingWeight (Approx)	59/84/85kg	70/120/121kg	75/150/151 kg
Packing Standard	Paper and Jute bags		
Approvals	BIS		

DRY CHEMICAL PORTABLE EXTINGUISHERS STORED PRESSURE



1.	Powder coated body
2.	Aluminum Syphon tube
3.	Valve Assembly
3a.	Valve Handle
3b.	Valve Lever
3c.	Rivet small
3d.	Rivet big
3e.	Spring
3f.	Syphon tube adapter
3g.	Spindle
3h.	O-ring for the spindle
3i.	O-ring for the valve
3j.	Safety Pin
3k.	Safety Pin string
3i.	Pressure gauge/Indicator
3m.	Mounting Buckle
3n.	Mounting Buckle Screw
4.	Tamper seal
5.	Discharge Nozzle
6.	Discharge Hose
7.	Discharge Hose/Nozzie O-Ring
8.	Belt
9.	2.5 lbs Fire Extinguisher Label
10.	Aurex Brand sticker
11.	MAP-50% Powder
12.	Mounting bracket

AUREX™



CARBON DIOXIDE TYPE FIRE EXTINGUISHER



**Chemical
Manufacturing Plant**



Oil Rig



Constuction



Warehouses



Airport



Laboratories

CO2 PORTABLE EXTINGUISHER

FEATURES

- Carbon Dioxide is Colorless, Odorless, Non Toxic and provides rapid knockdown of industrial fires
- BIS Approved and ISI marked
- PESO / CCOE Approved cylinder body and confirms to IS:7285
- High grade Enamel Painted externally with PO Red finish Wheel operated Controllable discharge
- High pressure Brass valve confirms to IS:3224 which is provided with pressure relief disc
- Rechargeable and easy to service
- Non conductive agent for electrical use without risk to operator CO2 gas disappears quickly leaving no residue
- directional control of Co2 discharge through horn rotation feature
- Conformity standard IS15683:2018



CAPACITY	2kg	4.5kg
MODEL(WHEEL TYP E VALVE)	AI-2	AI-4.5
MODEL (ALUMINUM BOODY)	AI-2-AL	AI-4.5-AL
DESIGN	Bend Pipe & Horn	Hose & Horn
Fire Rating	21B	55B
Height (Approx)	580 mm	700 MM
Diameter (Approx)	108 (+ -5mm)	140 (+ -5mm)
Average Discharge Time	9 Sec	12 Sec
Average Range of Throw	2m	2m
Average % Discharge	98%	98%
Operating Temperature	-30 c to +60	
Service / Max Service / Test Pressure	60/105/250 bar	
Empty Weight (Approx)	6.5 KG	10.5 KG
Full Weight (Approx)	8.5 KG	15 KG
Packing Standard	Corrugated Box	
Mounting Bracket	Wall Bracket	
Approvals	BIS & PESO	

CO2 MOBILE EXTINGUISHERS

FEATURES

- Carbon Dioxide is Colorless, Odorless, Non-Toxic and provides rapid knock down of industrial fires.
- BIS Approved and ISI marked
- CCOE/PESO approved cylinder body and confirms to IS:7285
- High grade enamel paint externally with PO Red finish
- Wheel Operated Controlled discharge
- High pressure Brass valve confirms to IS:3224 which provided with pressure relief disc
- Rechargeable and easy to service
- Non conductive agent for electrical use without risk to operator
- CO2 gas disappears quickly leaving no residue
- Wire Braided Hose & Flat Horn with Diffuser Nozzle for dispersed discharge of Carbon Di Oxide
- Conformity standard IS 16018:2012



CAPACITY	6.5kg	9kg	22.5kg
MODEL(WHEEL TYPE VALVE)	AI-6.5	AI-9	AI-22.5
DESIGN	Hose & Horn	Hose & Horn	Hose & Horn
Fire Rating	55B	55B	89B
Height (Approx)	960mm	1250mm	1155mm
Diameter (Approx)	140mm (+ -10mm)	140mm (+ -10mm)	232mm (+ -10mm)
Average Discharge Time	20 Sec	30 Sec	35 Sec
Average Range of Throw	3m	3m	4m
Average % Discharge	96%	96%	96%
Operating Temperature	-30 c to +60		
Service / Max Service / Test Pressure	60/105/250 bar		
Empty Weight (Approx)	16.5 kg	23.5 kg	62.5 kg
Full Weight (Approx)	23 kg	32.5 kg	85 kg
Packing Standard	Paper and Jute bags		
Approvals	BIS		

AUREX™



FOAM & WATER FIRE EXTINGUISHER



**Plywood
Companies
(Water)**



**Patrol
Stations
(FOAM)**



Restaurants

FOAM PORTABLE EXTINGUISHERS STORED PRESSURE

FEATURES

- Class A/B Fire : AFFF(Aqueous Film Forming Foam).
- BIS Approved and ISI marked.
- Brass Chrome plated valve-squeeze operation.
- Air aspirated nozzle to provide high fire rating (Foam extinguisher)
- Hydraulically tested As per standard
- UV Resistant - High quality powder coating.
- EPDM Rubber braided hose-High flexibility and less prone to cracks.
- Gauge Testing System mechanism.
- Easy to maintain, recharge & service.
- Large loop Stainless steel Pull pin.
- Controllable discharge.
- Smooth Finishes tainless steel body to give aesthetic impression. (FOR SS FINISH)
- Rugged cartridge type - (for cartridge operated)



CAPACITY	4 LTR	6 LTR	9 LTR
MODEL	AIFM-4	AIFM-6	AIFM-9
DESIGN	HOSE & NOZZLE		
Fire Rating	4A:233B		
Height (Approx.)	575mm	610mm	585mm
Diameter (Approx)	180 MM (+- 5 MM)		
Average Discharge Time	35 sec		
Average Range of Throw	6 mtr		
Average % Discharge	97%		
Operating Temperature	+5 C TO +60		
Service / Max Service / Test Pressure	15/18/35 bar		
Expelling Agent	Nitrogen (UHP Grade)	Nitrogen (UHP Grade)	Carbon di oxide gas
Empty/Full/ShippingWeight (Approx)	5/14/14.5kg	3.6/12.6/13.1kg	6.1/15.1/15.6kg
Packing Standard	Corrugated Box		
Mounting Bracket	Wall Bracket		
Approvals	BIS & CE		BIS

WATER PORTABLE EXTINGUISHERS STORED PRESSURE

FEATURES

- Class A Fire : Water
- BIS Approved and ISI marked.
- Brass Chrome plated valve-squeeze operation.
- Hydraulically tested As per standard
- UV Resistant - High quality powder coating.
- EPDM Rubber braided hose-High flexibility and less prone to cracks.
- Gauge Testing System mechanism.
- Easy to maintain, recharge & service.
- Large loop Stainless steel Pull pin.
- Controllable discharge.
- Smooth Finish stainless steel body to give aesthetic impression. (FOR SS FINISH)
- Rugged cartridge type - (for cartridge operated)



CAPACITY	4 LTR	6 LTR	9 LTR
MODEL	AIWT-4	AIWT-6	AIWT-9
DESIGN	HOSE & NOZZLE		
Fire Rating	3A		
Height (Approx.)	575mm	610mm	585mm
Diameter (Approx)	180 MM (+- 5 MM)		
Average Discharge Time	35 sec		
Average Range of Throw	6 mtr		
Average % Discharge	97%		
Operating Temperature	+5 C TO +60		
Service / Max Service / Test Pressure	15/18/35 bar		
Expelling Agent	Nitrogen (UHP Grade)	Nitrogen (UHP Grade)	Carbon di oxide gas
Empty/Full/ShippingWeight (Approx)	5/14/14.5kg	3.6/12.6/13.1kg	6.1/15.1/15.6kg
Packing Standard	Corrugated Box		
Mounting Bracket	Wall Bracket		
Approvals	BIS & CE		BIS

FOAM & WATER MOBILE EXTINGUISHERS STORED PRESSURE

FEATURES

- Class A/B Fire : AFFF (Aqueous Film Forming Foam).
- Water type are capable of fighting class A fire effectively.
- Spray nozzle to provide high fire rating
- Brass forged valve with auto safety release mechanism
- Easy refill, maintain & service
- PVC braided hose with nozzle
- UV Resistant - High quality powder coating.
- Conformity standard IS 16018:2012



	FOAM		WATER	
CAPACITY	45 LTR	60 LTR	45 LTR	60 LTR
MODEL	AIFMS-45	AIFMS-60	AIWTS-45	AIWTS-60
DESIGN	HOSE & NOZZLE		HOSE & NOZZLE	
Fire Rating	20A:233B		20A	20A
Height (Approx.)	1000mm	1200mm	1000mm	1200mm
Diameter (Approx)	300mm (+- 10 MM)	300mm (+- 10 MM)	300mm (+- 10 MM)	300mm (+- 10 MM)
Average Discharge Time	Min. 30 sec			
Average Range of Throw	9 mtr			
Average % Discharge	Min 90%			
Operating Temperature	+5 C TO +55			
Service / Max Service / Test Pressure	15/18/35 bar			
Expelling Agent	Nitrogen (UHP Grade)			
Empty/Full/ShippingWeight (Approx)	40/85/90kg	48/108/115kg	40/85/90kg	48/108/115kg
Packing Standard	Paper and Jute bags			
Approvals	-	BIS	-	-

FOAM & WATER MOBILE EXTINGUISHERS GAS CARTRIDGE

FEATURES

- Class A/B Fire : AFFF (Aqueous Film Forming Foam).
- Class A Fire : Water
- BIS Approved and ISI marked.
- cartridge type
- Brass forged cap with auto safety release mechanism
- Hydraulically tested As per standard
- UV Resistant - High quality powder coating.
- PVC Braided hose and shut off nozzle
- Easy & more economical to refill, maintain & service
- Conformity standard IS 16018:2012



	FOAM			WATER	
CAPACITY	45 LTR	60 LTR	100 LTR	45 LTR	60 LTR
MODEL	AIFM-45	AIFM-60	AIFM-100	AIWT-45	AIWT-60
DESIGN	HOSE & NOZZLE			HOSE & NOZZLE	
Fire Rating	20A:233B		-	20A	20A
Height (Approx.)	1000mm	1200mm	1020mm	1000mm	1200mm
Diameter (Approx)	300mm (+- 10 MM)	300mm (+- 10 MM)	480mm (+- 10 MM)	300mm (+- 10 MM)	300mm (+- 10 MM)
Average Discharge Time	Min. 30 sec				
Average Range of Throw	9 mtr				
Average % Discharge	Min 90%				
Operating Temperature	+5 C TO +55				
Service / Max Service / Test Pressure	14/17/35 bar				
CO2 Gas Cartridge gm	300gm	300gm	-	300gm	300gm
CO2 External Cylinder (kg)	-	-	2kg	-	-
Empty/Full/Shipping Weight (Approx)	40/85/90kg	48/108/115kg	-	40/85/90kg	48/108/115kg
Packing Standard	Paper and Jute bags				
Approvals	BIS	BIS	-	BIS	BIS

AUREX™



CLEAN AGENT TYPE FIRE EXTINGUISHER



Switch Gears



Office



Sensitive
data Storage



Boats



Aircraft's



Laboratories

CLEAN AGENT PORTABLE EXTINGUISHER

FEATURES

- Class A/B/C and electrical Fire
- HFC 236fa/FE36 clean agent gas
- BIS Approved and ISI marked.
- Brass Chrome plated valve-squeeze operation.
- Hydraulically tested As per standard
- UV Resistant - High quality powder coating.
- EPDM Rubber braided hose-High flexibility and less prone to cracks.
- Gauge Testing System mechanism.
- Easy to maintain, recharge & service.
- Large loop Stainless steel Pull pin.
- Controllable discharge.



CAPACITY	2 kg	4 kg	6 kg
DESIGN	HOSE & NOZZLE		
Fire Rating	1A:21B	2A:34B	2A:55B
Height (Approx.)	410mm	490mm	530mm
Diameter (Approx)	106 MM (+- 5 MM)	140 MM (+- 5 MM)	150 MM (+- 5 MM)
Average Discharge Time	9 sec	14 sec	22 sec
Average Range of Throw	3 mtr	3.5 mtr	4 mtr
Average % Discharge	96%		
Operating Temperature	-30 c to +60		
Service / Max Service / Test Pressure	10/12/35 bar		
Expelling Agent	Nitrogen (UHP Grade)		
Empty/Full/ShippingWeight (Approx)	1.9/3.9/4.3kg	2.7/6.7/7.1kg	2.9/8.9/9.4kg
Packing Standard	Corrugated Box		
Mounting Bracket	Wall Bracket		
Approvals	BIS		

CLEANAGENT PORTABLE EXTINGUISHER SS FINISH

FEATURES

- Class A/B/C and electrical Fire
- HFC 236fa/FE36 clean agent gas
- BIS Approved and ISI marked.
- Smooth Finish stainless steel body to give aesthetic impression.
- CE marked brass chrome plated valve- squeeze operation.
- UV Resistant - High quality powder coating.
- Gauge Testing System mechanism.
- Easy to maintain, recharge & service.
- Large loop Stainless steel Pull pin.
- Controllable discharge.



CAPACITY	2 kg	4 kg	6 kg
MODEL	AICASS-2	AICASS-4	AICASS-6
DESIGN	HOSE & NOZZLE		
Fire Rating	1A:21B	2A:34B	2A:55B
Height (Approx.)	440mm	500mm	550mm
Diameter (Approx)	110 MM (+- 5 MM)	140 MM (+- 5 MM)	150 MM (+- 5 MM)
Average Discharge Time	9 sec	14 sec	22 sec
Average Range of Throw	3 mtr	3.5 mtr	4 mtr
Average % Discharge	96%		
Operating Temperature	-30 c to +60		
Service / Max Service / Test Pressure	10/12/35 bar		
Expelling Agent	Nitrogen (UHP Grade)		
Empty/Full/ShippingWeight (Approx)	1.6/3.6/4.0kg	2.5/6.5/6.9kg	2.8/8.8/9.3kg
Packing Standard	Corrugated Box		
Mounting Bracket	Wall Bracket		
Approvals	BIS/CE		

FIRE SUPPRESSION SYSTEM

(FK-5-1-12 AND HFC 227ea)

FK-5-1-12 UL Listed fire protection fluid is based on a proprietary chemistry called Cifluoroketone; the way it is designated in NFPA 2001 and 150 14520 clean agent standards. Although it is a liquid at room temperature & it gasifies immediately after being discharged in a total flooding system.

FK-5-1-12 & HFC 227ea SYSTEM SPARES

- HFC 227ea Cylinder Available in Capacity Of 34 Ltr, 80 Ltr. & 120 Ltr (PESO)
- Fk-5-1-12 Cylinder Available in Capacity Of 34 Ltr,80 Ltr. & 120 Ltr (PESO)
- Clean Agent FK-5-1-12 (Liquid), HFC 227ea (Gas) (UL)
- Suppression Valve With Pressure Gauge
- Electrical Cum Manual Actuator
- Discharge Hose
- Actuation Hose
- Manifold Check Valve
- Pressure Switch

FK-5-1-12/HFC 227ea SYSTEM APPLICATION

- Computer Room
- Server Room
- Electric Room
- Electrical Panel
- Network Room
- Data Room



FK-5-1-12 is an odourless, colourless, liquefied compressed gas. It is stored as a liquid and dispensed into the hazard as a colourless, electrically nonconductive vapour that is clear and does not obscure vision. It leaves no residue and has acceptable toxicity for use at the design concentration and in occupied spaces FK-5-1-12 is 'UL' Listed extinguishes a fire by a combination of chemical and physical mechanisms.

FIRE DETECTION & SUPPRESSION SYSTEM

(Co2 BASED SYSTEM)

IHP (INDIRECT HIGH PRESSURE)

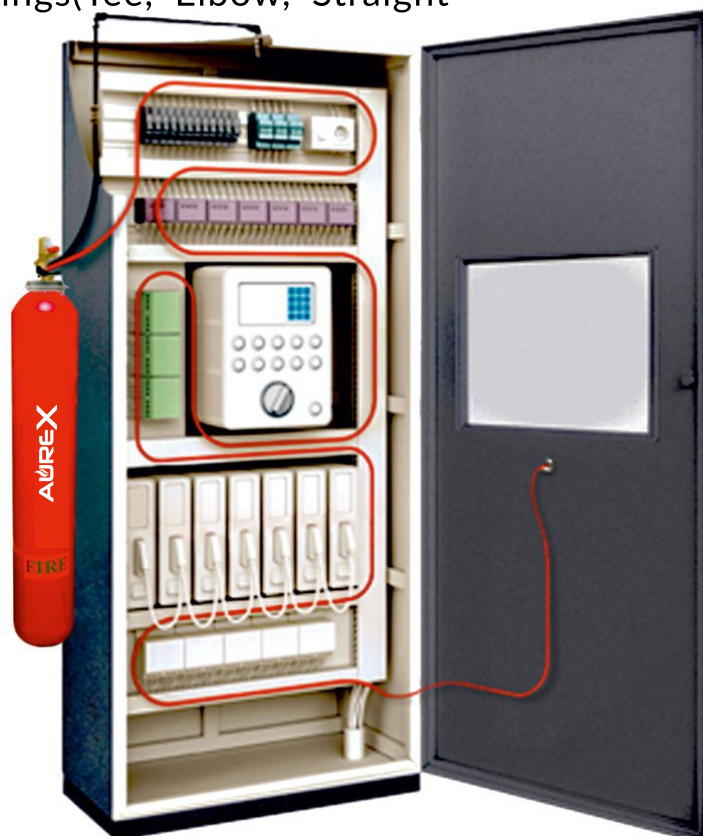
IHP system, uses the detection tube as a fire detection & system activation device not as a discharge tube. Once the tube senses the fire it then ruptures resulting in dropping of pressure causing the Indirect Valve to activate, this diverts flow from the detection tube to the larger outlet port. CO2 agent is then discharged from the cylinder through the diffuser nozzles, flooding the area and effectively suppressing the fire quickly and thoroughly.

IHP SYSTEM & SPARES

- CO2 Cylinder available In Capacity Of 4.5 Kg. 6.5 Kg 9 Kg & 22.5 Kg (PESO)(ISI)
- Flexible Discharge Hose
- Indirect High Pressure Valve (PESO)
- UL. Listed Tube With Burst Temp 88°C (UL)
- End of Line Adaptor With Pressure Gauge
- Brass Nozzle
- Pressure Switch
- Manual Release
- SS Ferrule Fittings(Tee, Elbow, Straight Connector etc)

IHP SYSTEM APPLICATION

- Electrical Panel
- Process Control Unit
- Fume Hood
- Process Moulding Machine Etc



FIRE DETECTION & SUPPRESSION SYSTEM

(CLEAN AGENT BASED SYSTEM)

DIRECT LOW PRESSURE (DLP) FIRE SUPPRESSION SYSTEM

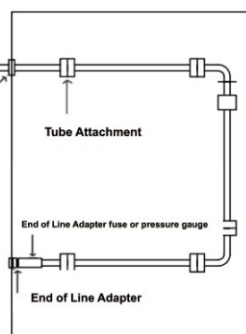
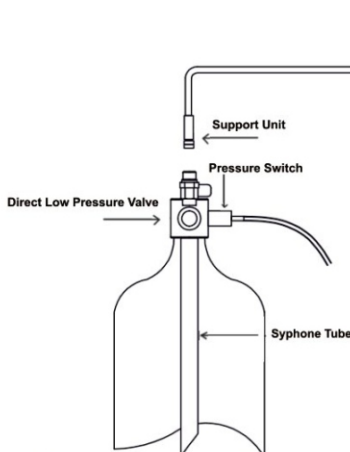
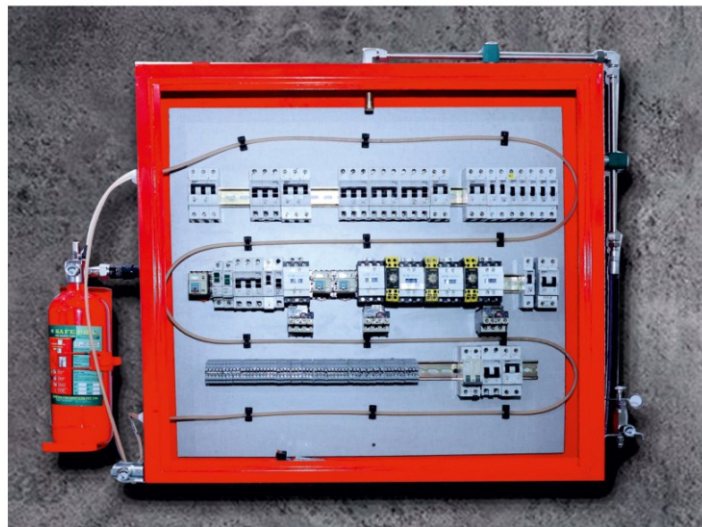
DLP System: The fire detection tube acts as the delivery system for the suppression agent which discharges and directly releases the agent onto a fire via the burst hole which acts as a nozzle in the fire detection tube. Act as a heat-sensing and agent discharge tube.

DLP SYSTEM & SPARES

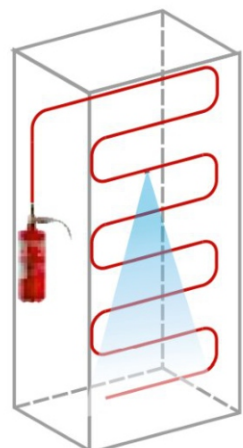
- MS Cylinder Available in Capacity of 2kg, 4kg, 6Kg, 9kg (ISI)
- Direct Low Pressure Valve
- End Of Line Adaptor With Pressure Gauge
- UL Listed Tube With Burst Temp 138°C (UL)
- Non UL Tube
- Clean Agent FK-5-1-12 (UL Listed), HFC 227ea (UL Listed)
- Pressure Switch & Accessories

DLP SYSTEM APPLICATION

- Electric Panels.
- Server Racks
- Tool Machinery



DLP



FIRE DETECTION & SUPPRESSION SYSTEM

(Co2 BASED SYSTEM)

DHP(DIRECT HIGH PRESSURE)

DHP(DIRECT HIGH PRESSURE)

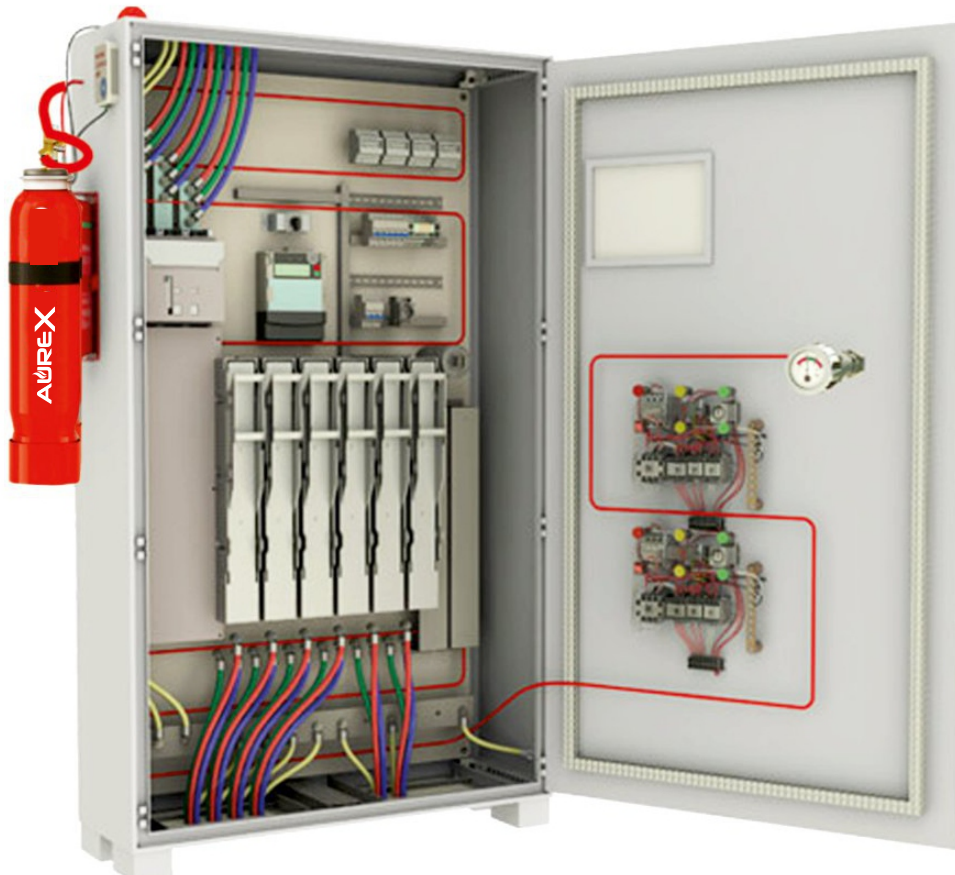
DHP CO2 Fire Suppression System is a reliable, 24x7 automatic fire detection & protection system for machines, equipments, panel and other equipment. Fast detection & Suppression of fire within seconds, reduces equipment damage and down time it utilizes multiple detection points by UL recognized linear pneumatic heat detection tube detect fire throughout its installed length. Intrinsically safe for electric charged area. No external power required to activate the system. No false Alarm or discharges as the system only activates in event of the actual Fire/heat impingement.

DHP SYSTEM & SPARES

- CO2 Cylinder available In Capacity of 3 Kg, 4.5 Kg, 6.5 Kg & 9 Kg (PESO) (ISI)
- Direct High Pressure Valve (PESO)
- UI Listed Tube With Burst Temp 88°C (UL)
- End Of Line Adaptor With Pressure Gauge
- Pressure Switch

DHP SYSTEM APPLICATION

- Electrical Panel
- Process Control Unit
- Enclosed Automated Milling Machine etc



GAS BASED FIRE SUPPRESSION SYSTEM

(Co2 BASED SYSTEM)

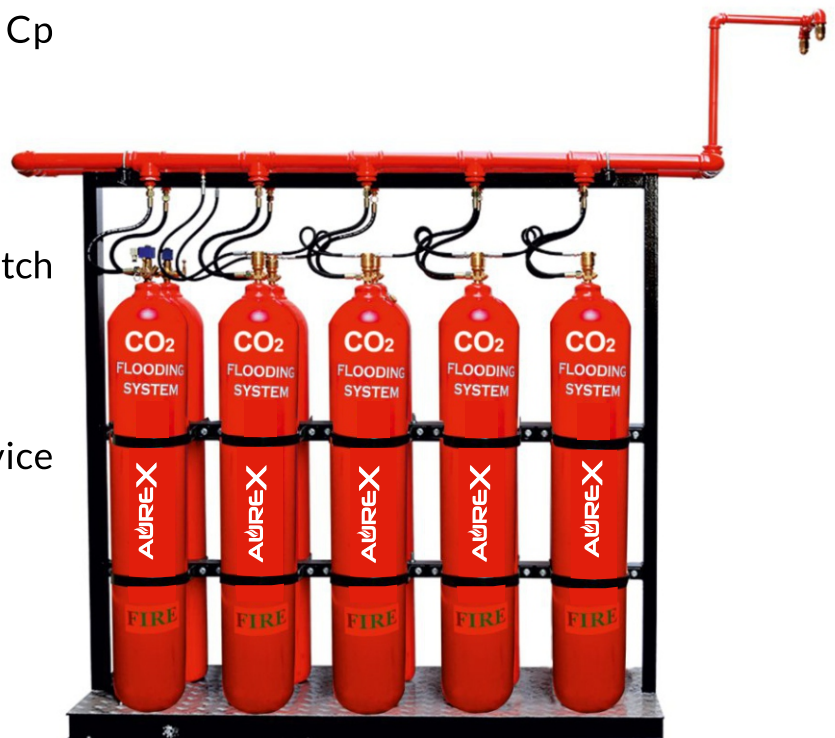
CO₂ is a colourless gas with a density about 60% higher than that of dry air, considered as best extinguishing gas. It suppresses oxygen by eliminating heat, CO₂ is most effective as a fire extinguishing agent. NFPA-12 Rules and BIS 6382 Codes for design of such system are used as standard for CO₂ Extinguishing or flooding system. CO₂ gas generally stored in high pressure seamless steel cylinders in liquid form with maximum filling ratio of 0.667 Kg/Ltr of cylinder volume. According to the fire hazard CO₂ cylinder quantity varies. On large hazards where several cylinders are required a manifold is used to connect each other by means of flexible hose and check valve. The cylinder's master valve is electronically operated and the slave valve is pressure actuated. The master valve can be automatically or manually operated. Flow rate of CO₂ is controlled.

Co2 FLOODING SYSTEM & SPARES

- CO₂ Cylinder Available in Capacity Of 22.5 Kg (34 Ltr), 45 Kg (68 Ltr) (PESO) (ISI)
- VTI Valve (TC)
- Master Tee
- Flexible Discharge Hose
- Interconnecting Hose
- Actuation Hose
- Aluminium Spinning Horn Brass Cp Nozzle
- Pressure Relief Valve
- Non Return Valve (Check Valve)
- Solenoid 24 VDC
- Flameproof Discharge Pressure Switch (CIMFR)
- Flameproof Solenoid Rotex (PESO)
- Mechanical Weight Loss Device
- Led Type Weight Monitoring Device Along With Panel
- Dial Type Weighing Scale
- Load Cell Type Weighing Scale

Co2 FLOODING SYSTEM APPLICATION

- LT Panels
- Control Room (Power Plant)
- Transformers & Sub Stations
- Rolling Mills & Turbines
- Cement Industries



GAS BASED FIRE SUPPRESSION SYSTEM

(Co2 BASED SYSTEM)

Kitchen fires are some of the fiercest and most difficult fire to fight and diminish. Fire hazard risk is very dangerous in commercial kitchen. Kitchen fire is generally due to burning of oil. In any kitchen there are inflammables like LPG on the premises, this aggravates the danger considerably. Kitchen; be it of a small cafe or a large industrial kitchen. Aurex kitchen fire suppression system is equipped & ready to protect commercial & residential kitchens. Our fire extinguishers are wet chemical based and are specially designed to fight cooking oil fire arising in the kitchen with no flooding related collateral damage.

KITCHEN SYSTEM APPLICATION

- Commercial Kitcher
- Cafeterias
- Restaurant
- Home Kitchen



KITCHEN SYSTEM & SPARES

- SS Cylinders Available In Capacity Of 6kg, 9kg, 12kg, 15kg,
- 18kg, & 21kg
- Indirect Low Pressure Valve With Solenoid
- (24VDC)
- SS Nozzle
- LHS Cable UL Listed (Operate At 138°C)
- Seamless SS Tube
- SS Ferrule Fittings & Accessories (Tee, Elbow, Straight Connector etc)



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