



PRODUCT CATALOGUE

FIRE FIGHTING SYSTEMS

EVOLVE FIRE PROTECTION INDUSTRIES

ABC/ BC Dry Powder Stored Pressure Type fire Extinguishers



We consider firefighting as a very critical job., that demands both knowledge and nerves.one should know the class of fire before dousing it, or else the fire extinguisher could to more damagethan the fire itself.

TECHNICAL SPECIFICATION

Model	AS-1	AS-2	AS-4	AS-6	AS-9	AS-25
CAPACITY IN KG	1kg.	2kgs.	4kgs.	6kgs.	9kgs.	25kgs.
Types Of fire	BC/AB&C	BC/AB&C	BC/AB&C	BC/AB&C	BC/AB&C	BC/AB&C
Anti-Corrosive In-hibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Conforming IS code	15683	15683	15683	15683	15683	-
Type of Extinguishing Media	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308	Dry Powder IS 4308
Expelling	Pressurized with N2 Gas	Pressurized with N2 Gas	Pressurized with N2 Gas	Pressurized with N2 Gas	Pressurized with N2 Gas	Pressurized with N2 Gas
Minimum Effective Discharge (%)	85	85	85	85	85	85
Minimum Jet Length (mtrs.)	More than 2mtr	More than 2mtr	More than 2mtr	More than 2mtr	More than 2mtr	More than 2mtr
Discharge Time (in sec.)	More than 8 sec.	More than 8 sec.	More than 13 sec.	More than 13 sec.	More than 13 sec.	More than 30 sec.
Hydraulic Test Pressure (in kgf/cm ²)	35	35	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright
Operating Temperature Range (°C)	(-30 + 60)	(-30 + 60)	(-30 + 60)	(-30 + 60)	(-30 + 60)	0 to (+) 55
Operating Value	Squeeze Grip With Nozzle	Squeeze Grip With Nozzle	Squeeze Grip With Nozzle	Squeeze Grip With Nozzle	Squeeze Grip With Nozzle	Controllable Discharge
Fire Rating	1A & 21B	1A & 21B	2A, 55B	3A, 89B	4A, 144B	6A & 155B

Carbon Dioxide Portable Fire Extinguisher



TECHNICAL SPECIFICATION

Model	ASC-2	ASC-4.5
Capacity In kg	2 kgs	4.5 kgs
Filling Ratio	0.667	0.667
Type Of Extinguishing Media	Co2 Gas Conforming to IS : 15222	Co2 Gas Conforming to IS : 15222
Expellant	Self	Self
Minimum Effective Discharge (%)	95	95
Operating Position	Upright	Upright
Discharge time (in sec)	More than 8 sec	More than 8 sec
Operating Temperature Range (°C)	(-30 + 60)	(-30 + 60)
Fire Rating	21B	34B



ASC-2



ASC-4.5

Carbon dioxide is a clean and non-conductive gas that works by displacing oxygen, which is essential for combustion. By reducing the oxygen concentration around the fire, it effectively extinguishes the flames.

Clean Agent Fire Extinguisher

TECHNICAL SPECIFICATION

Model	ACA-2	ACA-4
Capacity In kg	2 kgs	4 kgs
Anti Corrosive in- hibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Type Of Extinguishing Media	HCFC 123	HCFC 123
Expelling	Pressurized with N2 Gas	Pressurized with N2 Gas
Minimum Effective Discharge (%)	95	95
Operating Position	Upright	Upright
Discharge time (in sec)	More than 8 sec	More than 8 sec
Operating Temperature Range (°C)	(-30 + 60)	(-30 + 60)
Fire Rating	1A & 21B	1A & 34B



ACA-2



ACA-4

A Clean Agent Fire Extinguisher is a type of fire extinguisher that uses a "clean" or "gaseous" extinguishing agent to suppress fires. These agents are chosen for their effectiveness in extinguishing fires while minimizing damage to sensitive equipment and the environment. Clean agents work by removing heat and interrupting the chemical reaction that sustains combustion.

Modular Automatic Fire Extinguisher



TECHNICAL SPECIFICATION

Model	ABC Dry Powder	ABC Dry Powder	ABC Dry Powder	Clean Agent	Clean Agent	Clean Agent
Capacity In kg	5 kgs	10 kgs	5 kgs	5 kgs	10 kgs	15 kgs
Can Construction	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel
Height (in mm)	250	260	270	250	260	270
DIA (in mm)	240	250	265	240	250	265
Gross Weight (in kg)	8	14	19	8	14	19
Test Pressure (in kg/sq.cm)	35	35	35	35	35	35
Discharge time (in sec)	8	10	12	8	10	12
Super Charge Pressure (in kg/sq.cm)	15	15	15	15	15	15
Area Coverage	4 sq.m	6 sq.m	8 sq.m	4 sq.m	6 sq.m	8 sq.m



A "Modular Automatic Fire Extinguisher" typically refers to a fire suppression system that is designed to automatically detect and extinguish fires in specific environments. These systems are modular in the sense that they can be customized and adapted to fit the needs of different spaces. Here are some key features and points related to modular automatic fire extinguishers

Water & Foam Portable Fire Extinguisher

TECHNICAL SPECIFICATION

Model	AW-9	AFS-9
Capacity In kg	9 kgs	9 kgs
Anti Corrosive in- hibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Type Of Extinguishing Media	Soft water	S.W./AFFF Foam IS4989
Expelling	Pressurized with N2 Gas	Pressurized with N2 Gas
Minimum Effective Discharge (%)	95	95
Operating Position	Upright	Upright
Discharge time (in sec)	More than 13 sec	More than 13 sec
Operating Temperature Range (°C)	(+) 5 to (+) 60	(+) 5 to (+) 60
Fire Rating	3A	4A & 144B



AW-9



AFS-9

If you are referring to a "Water and Foam" fire extinguisher, these are types of portable fire extinguishers that use water or a combination of water and foam as extinguishing agents. Here are some key points about Water and Foam Portable Fire Extinguishers:

Fire Fighting Chemicals



DRY CHEMICAL POWDER FOR FIRE FIGHTING

A

Compostible Solids

B

Flammable Liquids

C

Flammable Gases & Electrically Started fire

BASE : MONO AMMONIUM PHOSPHATE
TYPE : FOAM COMPATIBLE



EVOLVE FIRE PROTECTION INDUSTRIES

DRY CHEMICAL POWDER (DCP) FOR FIRE FIGHTING

B

Flammable Liquids

C

Flammable Gases & Electrically Started fire

BASE : SODIUM BICORBANATE
TYPE : ORDINARY



EVOLVE FIRE PROTECTION INDUSTRIES

Suitable For Class A,B & C Fire Involving Combustible Material Like Wood Paper, Cloth Flammable Gas Liquid Petrol,Paint Solvents, Electrically Started Fires & Classes Of Fire.

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Single Headed Landing Valve

Double Headed Landing Valve



Single Headed Landing Valve Type (A)
GUN METAL



Single Headed Landing Valve Type (A)
STAINLESS STEEL



Double Headed Landing Valve Type (A)
GUN METAL



Double Headed Landing Valve Type (A)
STAINLESS STEEL

TECHNICAL SPECIFICATION

Type Of Metal	Gun Metal	Stainless Steel
Boody Bonnet Assembly	LTB - IS : 318	StainLess Steel:- IS 3444
Valve Spinle	Brass Rod - IS : 319/320	StainLess Steel:- IS 66003
Cast Iron Wheel	IS - 210	IS - 210
Runner Washer	IS - 937 (Type -A)	IS - 937 (Type -A)
Spring	Phosphares Wire:- IS 7608	StainLess Steel:- IS 6528
Gland Packing	Asbestos Thread:-IS:4687(Type-3)	Asbestos Thread:-IS:4687(Type-3)

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Fire Hose Delivery Coupling



TECHNICAL SPECIFICATION

Type Of Material	Gun Metal	Stainless Steel
Body	LTB - IS : 318	StainLess Steel:- IS 3444
Rubber Washer	IS - 937 (Type -A)	IS - 937 (Type -A)
Spring	Phosphares Wire:- IS 7608	StainLess Steel:- IS 6528
Size	63 mm	63 mm

Nozzles & Branch Pipe



TECHNICAL SPECIFICATION

Type Of Material	Gun Metal	Stainless Steel
Body	LTB - IS : 318	StainLess Steel:- IS 3444
Size	63 mm	63 mm

Suction Collecting Head (Fire Bridge Inlet Connection)



Cosist of Two / Four Nos. 63mm Size
Male Instantaneous Coupling
As per IS : 903
Complete With NRV

Performance Test : Hydrostatic Test (Body Test)
Tested at : 21 kgf/cm2

Hose Reel Drum (compact type)



KEY FEATURES

- ▶ Corrosion Free
- ▶ Leakage Free
- ▶ Rust Free
- ▶ Stores less Space
- ▶ Power Coated
- ▶ Light Weight



THERMOPLASTIC HOSE PIPE TYPE I & II

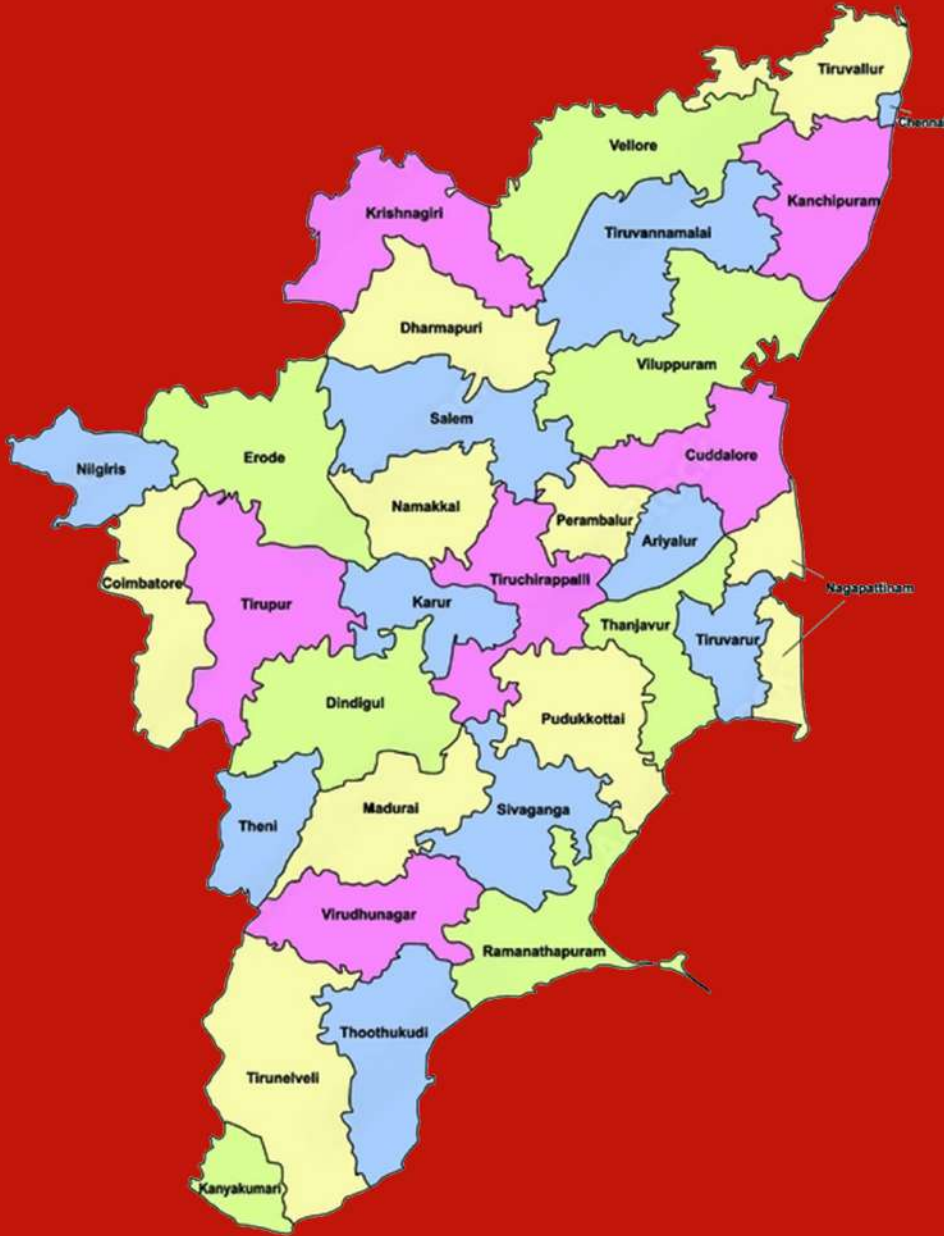
Hydrostatic Test : Tested at 21 kgf/Cm²
Range & Water Flow Rate Test at 7 kgf/Cm²
Discharge: More Than 24 LPM
Range (Jet Length) :6mtrs(min)
Conforming To IS : 12585



FIRE HOSE CABINET

Size : All Sizes Of Boxes / Frames Fabricated as per Client's Specification.
Material : Mild Steel Sheet, Stainless Steel Sheet, Aluminium Sheet.
Type : Single Door / Double Door Type With Locking Arrangement Front Glass And Key

Let's Together Make Tamilnadu Safe



Registered Office:

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Certified / Registerd by :



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