



Deep Fire Control

“सुरक्षा के हर कदम पर”



With years of experience and a customer-first approach, we strive to provide products that are ISI certified, reliable, and efficient under real-time emergency conditions. We serve a wide range of industries and are continuously expanding our capabilities to meet evolving fire safety challenges.

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About Company

DEEP FIRE CONTROL

Deep Fire Control is a reputable and innovative name in the fire safety industry, dedicated to safeguarding lives, assets, and environments through cutting-edge fire protection solutions. Based in Bharuch, Gujarat, we have been serving diverse industrial, commercial, and residential clients with a complete range of high-quality fire safety products and services.

With years of expertise, we specialize in the supply, installation, and maintenance of fire extinguishers, fire alarm systems, hydrant systems, smoke detectors, hose reels, sprinkler systems, and a wide range of safety accessories. Every product we offer is carefully selected and complies with national safety standards, ensuring maximum protection and peace of mind.

What sets us apart is our commitment to quality, integrity, and customer-centric service. We believe that fire safety is not just about equipment—it's about responsibility, awareness, and readiness. That's why our team of trained professionals works closely with each client to understand their specific needs and design tailored solutions that deliver reliable results.

At Deep Fire Control, we don't just protect property—we protect what matters most.

VISION

To become a leading and trusted provider of advanced fire safety solutions by ensuring the protection of lives, property, and the environment through innovation, quality, and dedication.

MISSION

To offer reliable and certified fire protection equipment, provide expert support and training, and promote fire safety awareness—empowering our clients to stay prepared and protected at all times.

OUR CORE VALUES

- **Safety First** – Always our top priority.
- **Quality** – Only certified and reliable products.
- **Customer Focus** – Prompt and personalized service.
- **Innovation** – Up-to-date with latest technology.
- **Integrity** – Honest and transparent practices.
- **Awareness** – Educating for better fire safety.
- **Teamwork** – Strong coordination and collaboration.



DRY CHEMICAL POWDER : ABC STORED PRESSURE TYPE

Monoammonium Phosphate based dry chemical powder suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG & CNG.

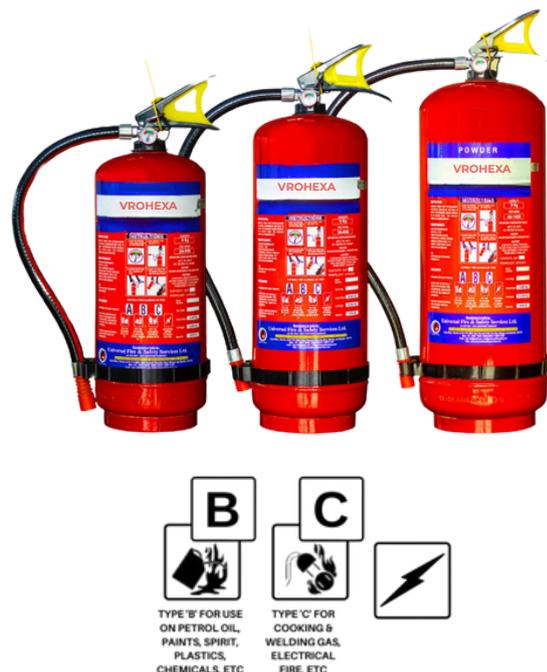
MODEL	UFSS A1	UFSS A2	UFSS A4	UFSS A6	UFSS A9
Capacity IN KG	1	2	4	6	9
IS SPECIFICATION	IS 15683				
FIRE RATING	1A, 21B	1A, 21B	2A, 55B	3A, 89B	4A, 144B
OPERATING TEMPERATURE	-30°C to +60°C				
EMPTY WEIGHT (KG)	1	1.4	2.3	2.9	4
COMPLETE WEIGHT (KG)	2	3.4	6.3	8.9	13
OVERALL HEIGHT (MM)	330 MM	380 MM	425 MM	465 MM	565 MM
DIA OF CYLINDER (MM)	86 ± 10	108 ± 10	140 ± 10	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR				
DISCHARGE PERCENTAGE (MIN)	MIN 90%				
MIN. DURATION OF DISCHARGE (SEC)	8 SEC	8 SEC	13 SEC	13 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²				
WORKING PRESSURE	15KGF/CM ²				
BURST PRESSURE	55KGF/CM ²				
WELDED SECTION NOT TO BREAK AT LESS THAN 80 BAR					
EXTINGUISHING MEDIA	DRY POWDER IS:4308				
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5				
APPROVAL	BIS	BIS	BIS	BIS	BIS



DRY CHEMICAL POWDER : BC STORED PRESSURE TYPE

Sodium Bicarbonate based dry chemical powder suitable for 'B' 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG & CNG

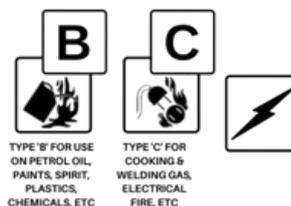
MODEL	UFSS B4	UFSS B6	UFSS B9
Capacity IN KG	4	6	9
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	55B	89B	144B
OPERATING TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
EMPTY WEIGHT (KG)	2.3	2.9	4
COMPLETE WEIGHT (KG)	6.3	8.9	13
OVERALL HEIGHT (MM)	425 MM	465 MM	565 MM
DIA OF CYLINDER (MM)	140 ± 10	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	13 SEC	13 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²
WELDED SECTION NOT TO BREAK AT LESS THAN 80 BAR			
EXTINGUISHING MEDIA	DRY POWDER IS:4308	DRY POWDER IS:4308	DRY POWDER IS:4308
EXPELLANT	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS	BIS



DRY CHEMICAL POWDER (BC): SQUEEZE GRIP CO2 GAS CARTRIDGE TYPE

Sodium Bicarbonate based dry chemical powder suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

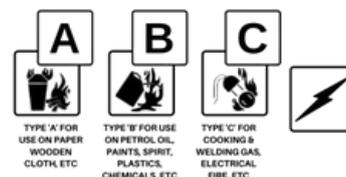
MODEL	UFSS BC4	UFSS BC6	UFSS BC9
CAPACITY IN KG	4	6	9
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	55B	89B	144B
OPERATING TEMPERATURE	-30°C TO +60°C	-30°C TO +60°C	-30°C TO +60°C
CO ₂ GAS CARTRIDGE	90 GMS	120 GMS	200 GMS
EMPTY WEIGHT (KG)	3	4	5
COMPLETE WEIGHT (KG)	7	11	15
OVERALL HEIGHT (MM)	437 MM	478 MM	579 MM
DIA OF CYLINDER (MM)	140 ± 10	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2.5 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN.)	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	9 SEC	9 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²
WELDED SECTION NOT TO BREAK AT LESS THAN 80 BAR			
Extinguishing Media	DRY POWDER IS:4308 (SBC) + CO ₂	DRY POWDER IS:4308 (SBC) + CO ₂	DRY POWDER IS:4308 (SBC) + CO ₂
Expellant	CO ₂	CO ₂	CO ₂
Finish / Painting	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
Approval	BIS	BIS	BIS



DRY CHEMICAL POWDER (ABC): SQUEEZE GRIP CO2 GAS CARTRIDGE TYPE

Monoammonium Phosphate based dry chemical powder suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

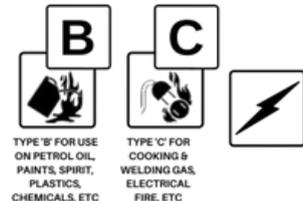
MODEL	UFSS AC4	UFSS AC6	UFSS AC9
CAPACITY IN KG	4	6	9
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	3A, 55B	4A, 89B	4A, 144B
OPERATING TEMPERATURE	-30°C TO +60°C	-30°C TO +60°C	-30°C TO +60°C
CO ₂ GAS CARTRIDGE	90 GMS	120 GMS	200 GMS
EMPTY WEIGHT (KG)	3	4	5
COMPLETE WEIGHT (KG)	7	10	14
OVERALL HEIGHT (MM)	437 MM	478 MM	579 MM
DIA OF CYLINDER (MM)	140 ± 10	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	9 SEC	9 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²
WELDED SECTION NOT TO BREAK AT LESS THAN 80 BAR			
EXTINGUISHING MEDIA	DRY POWDER IS:4308 (MAP)	DRY POWDER IS:4308 (MAP)	DRY POWDER IS:4308 (MAP)
EXPELLANT	CO ₂	CO ₂	CO ₂
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS	BIS



CARBON DIOXIDE FIRE : EXTINGUISHER WHEEL TYPE

Carbon Dioxide Gas suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG & CNG

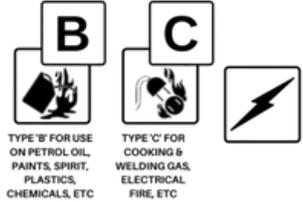
MODEL	UFSS C2	UFSS C3	UFSS C4.5
CAPACITY IN KG	2	3	4.5
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	21B	34B	55B
OPERATING TEMPERATURE	-30°C TO +60°C	-30°C TO +60°C	-30°C TO +60°C
FILLING DENSITY	0.667KG/LTR MAX	0.667KG/LTR MAX	0.667KG/LTR MAX
EMPTY WEIGHT (KG)	6	9	11
COMPLETE WEIGHT (KG)	9	12	16
OVERALL HEIGHT (MM)	410 MM	445 MM	535 MM
DIA OF CYLINDER (MM)	108	140	140
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN.)	95%	95%	95%
MIN. DURATION OF DISCHARGE (SEC)	9 SEC	9 SEC	9 SEC
TEST PRESSURE	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²
WORKING PRESSURE	150KGF/CM ²	150KGF/CM ²	150KGF/CM ²
CYLINDER BODY	SEAMLESS IS:7285	SEAMLESS IS:7285	SEAMLESS IS:7285
OPERATING VALVE	WHEEL TYPE	WHEEL TYPE	WHEEL TYPE
EXTINGUISHING MEDIA	CO ₂ GAS	CO ₂ GAS	CO ₂ GAS
EXPELLANT	SELF	SELF	SELF
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS	BIS



CARBON DIOXIDE FIRE EXTINGUISHER : WHEELED TYPE(TROLLEY MOUNTED)

Carbon Dioxide Gas suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG & CNG

MODEL	UFSS C6.5	UFSS C9	UFSS C22.5
CAPACITY IN KG	6.5	9	22.5
IS SPECIFICATION	IS 16018	IS 16018	IS 16018
FIRE RATING	55B	55B	89B
OPERATING TEMPERATURE	-30°C TO +60°C	-30°C TO +60°C	-30°C TO +60°C
FILLING DENSITY	0.667KG/LTR MAX	0.667KG/LTR MAX	0.667KG/LTR MAX
EMPTY WEIGHT (KG)	16.2	21.7	43
COMPLETE WEIGHT (KG)	23	30	65.5
OVERALL HEIGHT (MM)	970	1240	1325
DIA OF CYLINDER (MM)	140	170	203
MIN. RANGE OF DISCHARGE (MTR)	3.5 MTR	4 MTR	6 MTR
DISCHARGE PERCENTAGE (MIN.)	95%	95%	95%
MIN. DURATION OF DISCHARGE (SEC)	17 SEC	27 SEC	58 SEC
TEST PRESSURE	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²
WORKING PRESSURE	150KGF/CM ²	150KGF/CM ²	150KGF/CM ²
CYLINDER BODY	SEAMLESS IS:7285	SEAMLESS IS:7285	SEAMLESS IS:7285
OPERATING VALVE	WHEEL TYPE	WHEEL TYPE	WHEEL TYPE
EXTINGUISHING MEDIA	CO ₂ GAS	CO ₂ GAS	CO ₂ GAS
EXPELLANT	SELF	SELF	SELF
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
TROLLEY WHEEL	RUBBER SOLING WHEEL	RUBBER SOLING WHEEL	RUBBER SOLING WHEEL



WATER CO2 WHEELED TYPE FIRE : EXTINGUISHER (TROLLEY MOUNTED)

Suitable for 'A' Class of fire involving materials like Paper, Wood, Cotton.

MODEL	UFSS W45
CAPACITY IN LTR	45
IS SPECIFICATION	IS 16018
FIRE RATING	20A
OPERATING TEMPERATURE	+5°C TO +55°C
CO2 GAS CARTRIDGE / CYLINDER	250 GMS
EMPTY WEIGHT (KG)	34
COMPLETE WEIGHT (KG)	79
OVERALL HEIGHT (MM)	1085
DIA OF CYLINDER (MM)	300 ± 25
MIN. RANGE OF DISCHARGE (MTR)	6 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	30 SEC
TEST PRESSURE	50 KGF/CM ²
WORKING PRESSURE	17 KGF/CM ²
EXTINGUISHING MEDIA	WATER
EXPELLANT	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS



A
 TYPE 'A' FOR
 USE ON PAPER
 WOODEN
 CLOTH, ETC

MECHANICAL FOAM WHEELED : TYPE FIRE EXTINGUISHER (TROLLEY MOUNTED)

Suitable for 'A' & 'B' Classes of fire involving materials like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments & Varnish.

MODEL	UFSS M45
CAPACITY IN LTR	45
IS SPECIFICATION	IS 16018
FIRE RATING	20A, 233B
OPERATING TEMPERATURE	+5°C TO +55°C
CO2 GAS CARTRIDGE	300 GMS
EMPTY WEIGHT (KG)	34
COMPLETE WEIGHT (KG)	79
OVERALL HEIGHT (MM)	1085
DIA OF CYLINDER (MM)	300 ± 25
MIN. RANGE OF DISCHARGE (MTR)	6 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	30 SEC
TEST PRESSURE	50KGF/CM ²
WORKING PRESSURE	17KGF/CM ²
EXTINGUISHING MEDIA	AFFF IS 4989
EXPELLANT	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS



B
 TYPE 'B' FOR USE
 ON PETROL OIL,
 PAINTS, SPIRIT,
 PLASTICS,
 CHEMICALS, ETC

C
 TYPE 'C' FOR
 COOKING &
 WELDING GAS,
 ELECTRICAL
 FIRE, ETC

WATER BASED STORED : PRESSURE TYPE FIRE EXTINGUISHER

Suitable for 'A' Class of fire involving materials like Paper, Wood, Cotton.

MODEL	UFSS W6	UFSS W9
CAPACITY IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	2A	3A
OPERATING TEMPERATURE	+5°C TO +60°C	+5°C TO +60°C
EMPTY WEIGHT (KG)	3	3
COMPLETE WEIGHT (KG)	9	13
OVERALL HEIGHT (MM)	465 MM	555 MM
DIA OF CYLINDER (MM)	160 ± 10 MM	190 ± 10 MM
MIN. RANGE OF DISCHARGE	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 95%	MIN 95%
MIN. DURATION OF DISCHARGE	8 SEC	13 SEC
TEST PRESSURE	35 KGF/CM ²	35 KGF/CM ²
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
BURST PRESSURE	55 KGF/CM ²	55 KGF/CM ²
WELDED SECTION NOT TO BREAK AT LESS THAN 80 BAR		
EXTINGUISHING MEDIA	WATER	WATER
EXPELLANT	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS



WATER CO2 SQUEEZE GRIP : GAS CARTRIDGE TYPE FIRE EXTINGUISHER

Suitable for 'A' Class of fire involving materials like Paper, Wood, Cotton.

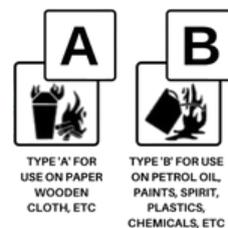
MODEL	UFSS WC6	UFSS WC9
CAPACITY IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	2A	3A
OPERATING TEMPERATURE	+5°C TO +60°C	+5°C TO +60°C
CO ₂ GAS CARTRIDGE	40 GMS	60 GMS
EMPTY WEIGHT (KG)	4	4.5
COMPLETE WEIGHT (KG)	10	14
OVERALL HEIGHT (MM)	160 ± 10	175 ± 10
DIA OF CYLINDER (MM)	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	9 SEC	13 SEC
TEST PRESSURE	35 KGF/CM ²	35 KGF/CM ²
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
BURST PRESSURE	55 KGF/CM ²	55 KGF/CM ²
EXTINGUISHING MEDIA	WATER	WATER
EXPELLANT	CO ₂	CO ₂
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS



MECHANICAL FOAM STORED : PRESSURE TYPE FIRE EXTINGUISHER

Suitable for 'A' & 'B' Classes of fire involving materials like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments & Varnish.

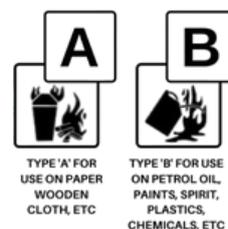
MODEL	UFSS M6	UFSS M9
CAPACITY IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	3A, 89B	4A, 144B
OPERATING TEMPERATURE	+5°C TO +60°C	+5°C TO +60°C
EMPTY WEIGHT (KG)	3	4
COMPLETE WEIGHT (KG)	9	13
OVERALL HEIGHT (MM)	465 MM	565 MM
DIA OF CYLINDER (MM)	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 95%	MIN 95%
MIN. DURATION OF DISCHARGE (SEC)	8 SEC	13 SEC
TEST PRESSURE	35 KGF/CM ²	35 KGF/CM ²
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
BURST PRESSURE	55 KGF/CM ²	55 KGF/CM ²
WELDED SECTION NOT TO BREAK AT LESS THAN 80 BAR		
EXTINGUISHING MEDIA	AFFF IS 4989	AFFF IS 4989
Expellant	Nitrogen	Nitrogen
Finish / Painting	Shade 538 or 536 of IS:5	Shade 538 or 536 of IS:5
Approval	BIS	BIS



MECHANICAL FOAM : (CO2 GAS CARTRIDGE TYPE) FIRE EXTINGUISHER

Suitable for 'A' & 'B' Classes of fire involving materials like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments & Varnish.

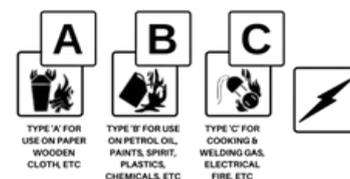
MODEL	UFSS MC6	UFSS MC9
CAPACITY IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	3A, 89B	4A, 144B
OPERATING TEMPERATURE	+5°C TO +60°C	+5°C TO +60°C
CO2 GAS CARTRIDGE	90 GMS	120 GMS
EMPTY WEIGHT (KG)	3	4
COMPLETE WEIGHT (KG)	9	14
OVERALL HEIGHT (MM)	610	655
DIA OF CYLINDER (MM)	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	9 SEC	13 SEC
TEST PRESSURE	35 KGF/CM ²	35 KGF/CM ²
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
BURST PRESSURE	55 KGF/CM ²	55 KGF/CM ²
EXTINGUISHING MEDIA	AFFF IS 4989	AFFF IS 4989
EXPPELLANT	CO2	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS



CLEAN AGENT (STORED PRESSURE) : TYPE FIRE EXTINGUISHER

Suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG & CNG

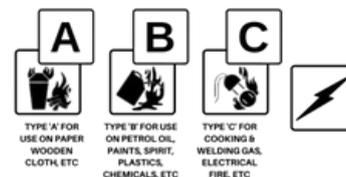
MODEL	UFSS CL2	UFSS CL4	UFSS CL6
CAPACITY IN KG	2	4	6
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	1A, 21B	1A, 34B	2A, 55B
OPERATING TEMPERATURE	-30°C TO +60°C	-30°C TO +60°C	-30°C TO +60°C
EMPTY WEIGHT (KG)	1.4	2.6	2.9
COMPLETE WEIGHT (KG)	3.4	6.6	8.9
OVERALL HEIGHT (MM)	380	455	465
DIA OF CYLINDER (MM)	108 ± 10	140 ± 10	140 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	13 SEC	13 SEC	15 SEC
TEST PRESSURE	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²	15 KGF/CM ²
BURST PRESSURE	55 KGF/CM ²	55 KGF/CM ²	55 KGF/CM ²
EXTINGUISHING MEDIA	HFC236FA	HFC236FA	HFC236FA
EXPELLANT	NITROGEN	NITROGEN	NITROGEN
Finish / Painting	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
Approval	BIS	BIS	BIS



CLEAN AGENT TYPE MODULAR : FIRE EXTINGUISHER

An Automatic Detection and Suppression System together in a single unit quite unlike any other system available in the market. Automatic round the clock protection. Provide Securities in case of emergencies and power failure without power backup

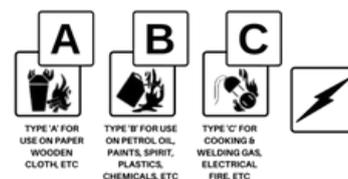
MODEL	UFSSMDCL2	UFSSMDCL5	UFSSMDCL10	UFSSMDCL15
CAPACITY IN KG	2	5	10	15
PROPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN
EXTINGUISHING MEDIA	HFC 236FA	HFC 236FA	HFC 236FA	HFC 236FA
WORKING PRESSURE	7 TO 15 KGF/CM ²			
TESTING PRESSURE	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²
OPERATION TEMPERATURE	68°C / 79°C / 93°C			
AREA PROTECTION IN M ²	10 TO 15 M ²	35 TO 40 M ²	70 TO 80 M ²	80 TO 100 M ²
VOLUME PROTECTION	3 M ³	8 M ³	15 M ³	20 M ³
HANGING VERTICALLY ABOVE RISK	1.5 M	1.5 TO 2 M	1.75 TO 2.25 M	2 TO 3 M
OPERATION TIME IN SEC	8-10 SEC	10-15 SEC	15-20 SEC	18-23 SEC
OPERATING VALVES	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
TARE WEIGHT (KG)	1.9	3.4	5.2	7.5
GROSS WEIGHT (KG)	3.9	8.4	15.2	22.5
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5			
MODEL	UFSSMDCL2	UFSSMDCL5	UFSSMDCL10	UFSSMDCL15
CAPACITY IN KG	2	5	10	15
PROPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN
EXTINGUISHING MEDIA	HFC 236FA	HFC 236FA	HFC 236FA	HFC 236FA
WORKING PRESSURE	7 TO 15 KGF/CM ²			



DRY CHEMICAL POWDER : ABC & BC WHEELED TYPE FIRE EXTINGUISHER

Monoammonium Phosphate based dry chemical powder suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG & CNG.

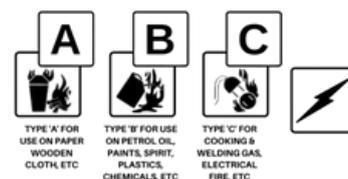
MODEL	UFSS ABC25-I / UFSS BC25-I	UFSS ABC25 / UFSS BC25	UFSS ABC50 / UFSS BC50	UFSS ABC75 / UFSS BC75
Capacity in KG	25	25	50	75
IS Specification	IS 16018	IS 16018	IS 16018	IS 16018
Fire Rating	20A, 233B	20A, 233B	20A, 233B	20A, 233B
Operating Temperature	-30°C to +55°C	-30°C to +55°C	-30°C to +55°C	-30°C to +55°C
CO2 Gas Cartridge / Cylinder	500 GMS Cartridge	650 GMS Cartridge	1450 GMS Cylinder	2150 GMS Cylinder
Empty Weight (KG)	20	23	46	63
Complete Weight (KG)	45	48	96	138
Overall Height (MM)	750	800	1010	1130
Dia of Cylinder (MM)	250	250	310	360
Min. Range of Discharge (MTR)	6 MTR	6 MTR	6 MTR	6 MTR
Discharge Percentage (MIN)	Min 85%	Min 85%	Min 85%	Min 85%
Min. Duration of Discharge (SEC)	30 SEC	30 SEC	36 SEC	42 SEC
Test Pressure	40 KGF/CM ²	40 KGF/CM ²	40 KGF/CM ²	40 KGF/CM ²
Working Pressure	15 KGF/CM ²	15 KGF/CM ²	15 KGF/CM ²	15 KGF/CM ²
Extinguishing Media	Dry Powder IS 14609 (MAP 40 / BC)	Dry Powder IS 14609 (MAP 40 / BC)	Dry Powder IS 14609 (MAP 40 / BC)	Dry Powder IS 14609 (MAP 40 / BC)
Expellant	CO2	CO2	CO2	CO2
Finish / Painting	SHADE 538 OR 536 OF IS:5			



ABC POWDER TYPE : MODULAR FIRE EXTINGUISHER

An Automatic Detection and Suppression System together in a single unit quite unlike any other system available in them market. Automatic round the clock protection. Provide Securities in case of emergencies and power failure without power backup.

MODEL	UFSSMDL2	UFSSMDL5	UFSSMDL10	UFSSMDL15
CAPACITY IN KG	2	5	10	15
PROPELLENT	NITROGEN	NITROGEN	NITROGEN	NITROGEN
EXTINGUISHING MEDIA	MAP - IS 4308			
WORKING PRESSURE	7 TO 15 KGF/CM ²			
TESTING PRESSURE	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²
OPERATION TEMPERATURE	68°C / 79°C / 93°C			
AREA PROTECTION IN M ²	1 TO 1.5 M ²	3.5 TO 4 M ²	7 TO 8 M ²	8 TO 10 M ²
VOLUME PROTECTION	3 M ³	8 M ³	15 M ³	20 M ³
HANGING VERTICALLY ABOVE RISK	1.5 M	1.5 TO 2 M	1.75 TO 2.25 M	2 TO 3 M
OPERATION TIME IN SEC	8-10 SEC	10-15 SEC	15-20 SEC	18-23 SEC
OPERATING VALVES	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
TARE WEIGHT (KG)	1.9	3.4	5.2	7.5
GROSS WEIGHT (KG)	3.9	8.4	15.2	22.5
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5			



CARBON DIOXIDE GAS CARTRIDGES

MODEL	UFSSC040	UFSSC060	UFSSC090	UFSSC0120	UFSSC0200	UFSSC0250	UFSSC0300
CAPACITY IN GMS	40	60	90	120	200	250	300
IS SPECIFICATION	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947
EMPTY WEIGHT (GMS)	370	500	660	880	1280	1110	1325
FULL WEIGHT (GMS)	410	560	750	1000	1480	1360	1625
OVERALL HEIGHT (MM)	138	180	240	295	430	297	347
DIA OF CYLINDER (MM)	38	38	38	38	38	50	50

Carbon Dioxide Gas Cartridges are high-pressure containers designed to store CO₂ used in fire extinguishers and other safety equipment. They provide a reliable source of gas for rapid discharge during fire emergencies, ensuring effective suppression. Built to IS 4947 standards, these cartridges come in various capacities (40 gms to 300 gms) and are lightweight, durable, and easy to install for quick operational readiness.



K-CLASS WET :

CHEMICAL FIRE EXTINGUISHER

MODEL	UFSS K6
CAPACITY IN LTR	6
OPERATING TEMPERATURE	+5°C TO +55°C
EMPTY WEIGHT (KG)	1.8
COMPLETE WEIGHT (KG)	7.8
OVERALL HEIGHT (MM)	505 MM
DIA OF CYLINDER (MM)	150 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	13 SEC
TEST PRESSURE	35 KGF/CM ²
WORKING PRESSURE	15 KGF/CM ²
BURST PRESSURE	55 KGF/CM ²
EXTINGUISHING MEDIA	WET CHEMICAL
EXPELLANT	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5

K-Class Wet Chemical Fire Extinguisher is specially designed to tackle fires involving cooking oils and fats, commonly found in commercial kitchens. It releases a fine mist of wet chemical that cools the flames and forms a protective layer to prevent re-ignition. Built with durable construction and high discharge efficiency, it ensures quick and effective fire suppression in high-risk areas.



D CLASS SS BODY : *STORED PRESSURE TYPE*

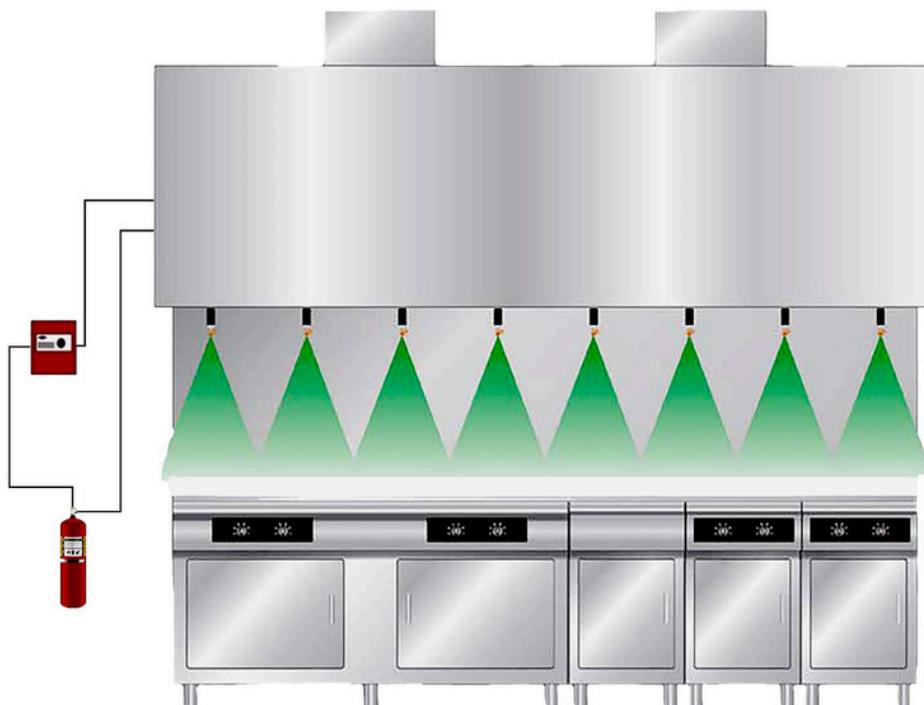
D Class SS Body Stored Pressure Type Fire Extinguisher is specifically designed for combating metal fires involving materials like magnesium, titanium, sodium, and other combustible metals. Built with a stainless steel body, it ensures durability and resistance to extreme conditions. Using dry powder as the extinguishing agent and nitrogen as the propellant, it delivers efficient performance with high discharge percentage and reliable jet throw.

GENERAL	STORED PRESSURE TYPE 6 KG	STORED PRESSURE TYPE 9 KG
MANUFACTURER	UNIVERSAL FIRE & SAFETY SERVICES LTD	UNIVERSAL FIRE & SAFETY SERVICES LTD
TRADE MARK	"UNIVERSAL"	"UNIVERSAL"
STANDARD CODE	AS PER IS: 15683: 2018	AS PER IS: 15683: 2018
TYPE	STORED PRESSURE TYPE	STORED PRESSURE TYPE
CLASS OF FIRE	'D' CLASS (METAL FIRE)	'D' CLASS (METAL FIRE)
BODY MATERIAL	STAINLESS STEEL	STAINLESS STEEL
EXTINGUISHING MEDIA	DRY POWDER	DRY POWDER
PROPELLANT	NITROGEN	NITROGEN
OPERATING TEMPERATURE	-30°C TO +60°C	-30°C TO +60°C
DIA OF CYLINDER	150 ± 10	175 ± 10
FULL WEIGHT	10.6 KG	15.3 KG
OVERALL HEIGHT	955 MM	1174 MM
PERCENTAGE DISCHARGE	MIN 90%	MIN 90%
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
TEST PRESSURE	35 KGF/CM ²	35 KGF/CM ²



K-CLASS WET : *CHEMICAL FIRE EXTINGUISHER*

The Kitchen Fire Suppression System is designed to protect a wide variety of kitchen appliances, such as stoves or deep fat fryers. The nozzles for the Fire Suppression System are installed in the kitchen hood exhaust, ensuring that wet chemicals are discharged directly over the source of the fire for fast and effective suppression.



DELIVERY HOSE COUPLING

Instantaneous Type (63mm) Gunmetal / Stainless Steel / Aluminium Alloy

Delivery Hose Couplings connect Fire Hoses to hydrant valves, branches, fittings, and adaptors. They consist of Male and Female parts with a serrated tail portion bound with Copper/G.I. wire.

A) GENERAL DATA

1. Size – 63 mm
2. Type – Instantaneous Male/Female Coupling
3. Hose Connection – Shank 63mm size
4. Conforming Specification – IS: 903, ISI Marked
5. Other Range – 70mm, 52mm & 38mm

B) MATERIAL OF CONSTRUCTION

1. Gun Metal / Stainless Steel / Aluminium Alloy

C) TESTING AND QUALITY CONTROL

1. Hydrostatic Test Pressure (Body Test) – 21 kgf/cm² for 2.5 minutes (Male & Female Coupling)
2. Documentation – Supplier's certificates, approved laboratory test certificates
3. Working Pressure Range – 5 to 14 kgf/cm²
4. Finish – Natural Polishes

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINIUM
BODY, ASSEMBLY	IS: 3444	IS: 318	IS: 617
RUBBER WASHER	IS: 937 (TYPE – A)	IS: 937 (TYPE – A)	IS: 937 (TYPE – A)
SPRING	STAINLESS STEEL – IS: 6528	PHOSPHORUS WIRE – IS: 7608	STAINLESS STEEL – IS: 6528



SHORT BRANCH PIPE

Short Branch Pipe / Straight Tip Nozzle is a basic firefighting nozzle commonly used by fire brigades. These smooth bore tips provide a concentrated jet pattern of water with maximum reach and a variety of discharge sizes.

A) GENERAL DATA

1. Size – 63 mm
2. Type – Branch Pipe / Nozzles
3. Hose Connection – Shank 63mm size
4. Conforming Specification – IS: 903, ISI Marked
5. Other Range – 52mm & 38mm

B) MATERIAL OF CONSTRUCTION

- Gun Metal / Stainless Steel / Aluminium Alloy

C) TESTING AND QUALITY CONTROL

1. Hydrostatic Test Pressure (Body Test) – 21 kgf/cm² for 2.5 minutes
2. Documentation – Supplier's certificates, approved laboratory test certificates
3. Working Pressure Range – 7 kgf/cm²
4. Finish – Natural Polished

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINIUM
BODY, BONNET ASSEMBLY	IS: 3444	IS: 318	IS: 617
VALVE SPINDLE	STAINLESS STEEL – IS: 6603	BRASS ROD – IS: 319/320	STAINLESS STEEL – IS: 6603
CAST IRON WHEEL	IS: 210	IS: 210	IS: 210
RUBBER WASHER	IS: 937 (TYPE – A)	IS: 937 (TYPE – A)	IS: 937 (TYPE – A)
SPRING	STAINLESS STEEL – IS: 6528	STAINLESS STEEL – IS: 6528	STAINLESS STEEL – IS: 6528
GLAND PACKING – ASBESTOS THREAD	IS: 4687 (TYPE – 3)	IS: 4687 (TYPE – 3)	IS: 4687 (TYPE – 3)





SINGLE OUTLET LANDING VALVE

Landing Valves are used to be mounted in Fire Hydrant System for Internal or External places. Usually Landing Valves are referred as Internal Hydrants since they are fitted inside the building along with wet hydrant system.

A) GENERAL DATA

1. Size – 63 mm / 75 mm / 80 mm
2. Type – Single Outlet Landing Valve
3. Inlet – 3” NB Flanged
4. Outlet – Female Instantaneous
5. Conforming Specification – IS: 5290, Type – A, ISI Marked

B) MATERIAL OF CONSTRUCTION

- 1. Gun Metal / Stainless Steel / Aluminium Alloy

C) TESTING AND QUALITY CONTROL

1. Hydrostatic Test Pressure (Body Test) – 23 kgf/cm²
2. Water Tightness (Seat Test) – Tested at 14 kgf/cm²
3. Documentation – Supplier’s certificates, approved laboratory test certificates
4. Flow Test – 900 Liter Per Minute, Discharge at 7 kgf/cm²
5. Hand Wheel – Grey Cast Iron
6. Finish – Body Painted Fire Red Color / Adaptor & Accessories Polished

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, BONNET ASSEMBLY	IS: 3444	IS: 318	IS: 617
VALVE SPINDLE	STAINLESS STEEL - IS:6603	BRASS ROD - IS:319/320	STAINLESS STEEL - IS:6603
CAST IRON WHEEL	IS:210	IS:210	IS:210
RUBBER WASHER	IS:937 (TYPE-A)	IS:937 (TYPE-A)	IS:937 (TYPE-A)
SPRING	STAINLESS STEEL - IS:6528	STAINLESS STEEL - IS:6528	STAINLESS STEEL - IS:6528
GLAND PACKING - ASBESTOS THREAD	IS:4687 (TYPE - 3)	IS:4687 (TYPE - 3)	IS:4687 (TYPE - 3)



DOUBLE OUTLET LANDING VALVE

Landing Valves are used to be mounted in Fire Hydrant System for Internal or External places. Usually Landing Valves are referred as Internal Hydrants since they are fitted inside the building along with wet hydrant system.

A) GENERAL DATA

1. Size – 63 mm / 75 mm / 80 mm
2. Type – Double Outlet Landing Valve
3. Inlet – 4” NB Flanged
4. Outlet – Female Instantaneous
5. Conforming Specification – IS: 5290, Type – B, ISI Marked

B) MATERIAL OF CONSTRUCTION

- Gun Metal / Stainless Steel / Aluminium Alloy

C) TESTING AND QUALITY CONTROL

1. Hydrostatic Test Pressure (Body Test) – 23 kgf/cm²
2. Water Tightness (Seat Test) – Tested at 14 kgf/cm²
3. Documentation – Supplier’s certificates, approved laboratory test certificates
4. Flow Test – 1800 Liter Per Minute Discharge at 7 kgf/cm²
5. Hand Wheel – Grey Cast Iron
6. Finish – Body Painted Fire Red Color / Adaptor & Accessories Polished

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, BONNET ASSEMBLY	IS: 3444	IS: 318	IS: 617
VALVE SPINDLE	STAINLESS STEEL - IS:6603	BRASS ROD - IS:319/320	STAINLESS STEEL - IS:6603
CAST IRON WHEEL	IS:210	IS:210	IS:210
RUBBER WASHER	IS:937 (TYPE-A)	IS:937 (TYPE-A)	IS:937 (TYPE-A)
SPRING	STAINLESS STEEL - IS:6528	PHOSPHOROUS WIRE - IS:7608	STAINLESS STEEL - IS:6528
GLAND PACKING - ASBESTOS THREAD	IS:4687 (TYPE - 3)	IS:4687 (TYPE - 3)	IS:4687 (TYPE - 3)



TWO WAY / THREE WAY / FOUR WAY INLET BREECHING

Breeching Inlets installed at ground level provides the connection to the water supply of the dry riser system. The dry riser system is normally dry and is charged by the fire brigade in an emergency.

A) GENERAL DATA

1. Size - 63 mm
2. Type - Two Way Inlet Breeching
3. Inlet - 2/3/4 No's Male Instantaneous Adaptor (63mm) with NRV
4. Outlet - 80/100/150 mm NB Flanged
5. Conforming Specification - IS: 904.

B) MATERIAL OF CONSTRUCTION

1. Gun Metal / Stainless Steel / Aluminium Alloy

C) TESTING AND QUALITY CONTROL

1. Hydrostatic Test Pressure (Body Test) - 21 kgf/cm²
2. Water Tightness (Seat Test) - Tested at 7 kgf/cm²
3. Documentation - Supplier's certificates, approved laboratory test certificates
4. Finish - Body Painted Fire Red Color / Adaptor & Accessories Polished



BUTTERFLY VALVE (MANUAL TYPE)

The Manual Butterfly Valves are designed for Chilled & Hot Water to be operated by Hand Lever.

FEATURES

1. Wide Size range (DN50 – DN900)
2. Operated by Lever or Gear Box
3. 90-degree opening / closing operation
4. Cast Iron Body with Powder Coating
5. Water type Connection

TECHNICAL SPECIFICATIONS	DETAILS
SIZES	DN50...DN200
NOMINAL PRESSURE	PN16
MEDIUM TEMPERATURE	-10°C TO +110°C MAXIMUM
BODY MATERIAL	IS: 210, GR FG 200
STEM MATERIAL	ASTM A276, GR SS 410
DISC MATERIAL	EPOXY COATED DUCTILE IRON DISC
LEVER	CRCA SHEET
LEAKAGE RATE	NO VISIBLE LEAKAGE
MEDIUM TYPE	WATER
FLANGE STANDARD	IS: 1538
SHELL TEST PRESSURE	24 BAR
SEAL TEST PRESSURE	17 BAR

SIZE / INCH	MM
1 ½	40
2	50
2 ½	65
3	80
4	100
5	125
6	150
8	200
10	250
12	300



HOSE REEL (FIRST AID HOSE REEL FOR FIRE FIGHTING)

A) GENERAL DATA

- 1.Type: Wall Mounted Fixed / Swing Type
- 2.Size:
 - a.Inlet – 1" Threaded Inlet Connection
 - b.Outlet – ¾" / 1" / 1 ½" Outlet connection for hose to accommodate 30 / 36 / 40 Mtrs. Hoses
- 3.Hose: Rubber Braided Hose Pipe Conf. to IS: 444/1987
- 4.Nozzle: 19mm / 25mm Shut Off Nozzles of Various Models available
- 5.Type: 1, 2, 3A & 3B
- 6.Hydrostatic Test (Body Test): Tested at 21bar
- 7.Range & Water Flow Rate test: at 7bar
- 8.Discharge: 24 Liter Per Minute



HOSE: REINFORCED LINED FIRE HOSE (RRL)

Confirming Specification: IS 636/1988 Type – A, ISI Marked

This Reinforced Rubber Lined Fire Hose is used for water delivery purpose in Fire-Fighting & Civil Engineering fields. RRL Type-A – Hose pipe Reinforced Rubber Lined Hose is preferred by fire fighters due to their excellent durability. The jacket is made of 100% synthetic yarn with high abrasion and heat resistance. Jacket is also treated with suitable rot proofing agent.

CONSTRUCTION

- 1.Jacket: Circular woven jacket made from a special blend of cotton & synthetic yarn with high abrasion and heat resistance.
- 2.Rubber Lining: A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length: 7.5Mtrs, 15Mtrs, 22.5Mtrs & 30Mtrs

INSIDE (INCH)	DIAMETER (MM)	PROOF PRESSURE (KG/CM ²)	BURST PRESSURE (KG/CM ²)	MASS WT. (GM/MTR)
1 ½	38	21.4	35.7	370
1 ¾	50	21.4	35.7	395
2	63	21.4	35.7	425
2 ½	70	21.4	35.7	480



RRL FIRE HOSE WITH ELASTOMERIC COATING ON OUTER SURFACE

Confirming Specification: IS 636/1988 Type – A, ISI Marked.

This Reinforced Rubber Lined Elastomeric Coated on outer surface Fire Hose is used for water delivery purpose in Fire-Fighting, Oil & Power Sector, Industrial Plants & Sailing Vessels.

CONSTRUCTION

1. Jacket: Circular woven jacket made from 100% synthetic yarn with high abrasion and heat resistance. The woven jacket is also treated with a special Elastomeric Coating to give protection against moisture & fungus.

Rubber Lining : A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length: 7.5Mtrs, 15Mtrs, 22.5Mtrs & 30Mtrs

INSIDE (INCH)	DIAMETER (MM)	PROOF PRESSURE (KG/CM ²)	BURST PRESSURE (KG/CM ²)	MASS WT. (GM/MTR)
1 ½"	38	21.4	35.7	275
2"	50	21.4	35.7	350
2 ½"	63	21.4	35.7	425
2 ½"	70	21.4	35.7	480



CP FIRE HOSE – CONTROLLED PERCOLATING FIRE HOSE

Confirming Specification: IS 8423/1994, ISI Marked

This Controlled Percolating Hose is used for water delivery purpose in Fire-Fighting & Irrigation etc. Controlled Percolating Hose has a unique construction to ensure continuous oozing of water all around the jacket in a controlled manner without compromising the pressure loss. These hoses are used when the hoses are needed to pass through places where there is high radiant heat.

CONSTRUCTION

1. Jacket: Circular woven jacket made from special synthetic yarn

Rubber Lining : A ultra-thin layer of rubber lining with suitable rubber compound which ensure controlled percolation.

Standard Length: 7.5Mtrs, 15Mtrs, 22.5Mtrs & 30Mtrs

INSIDE (INCH)	DIAMETER (MM)	PROOF PRESSURE (KG/CM ²)	BURST PRESSURE (KG/CM ²)	MASS WT. (GM/MTR)
1 ½"	38	21.4	35.7	275
2"	50	21.4	35.7	350
2 ½"	63	21.4	35.7	425
2 ½"	70	21.4	35.7	480



HYDRANT EQUIPMENT



AIR RELEASE VALVE

An air release valve is typically used in water or irrigation schemes to ensure that any entrained air in the water system is automatically released in order to maximize the system performance. Entrained air pockets in pipes can cause excessive head loss and flow reductions if air is not effectively released.



TRIPLE PURPOSE NOZZLE

The triple purpose nozzle is widely used in industries for various applications, including dust control, water cooling, fire protection, and liquid cleaning machinery. It is designed to deliver efficient performance while ensuring reliability across different industrial operations.



SPRINKLER

A sprinkler is a device used to spray water. Sprinklers are commonly used to water plants or grass, and they also play an important role in putting out fires in buildings. They are designed to distribute water evenly, safely, and efficiently for maximum effectiveness.



FIRE WATER SPRAY NOZZLE

A spray nozzle is a precision device that facilitates the dispersion of liquid into a spray. Nozzles are used for three main purposes: to distribute a liquid over an area, to increase the liquid surface area, and to create an impact force on a solid surface. They are essential in various industrial and agricultural applications.

GAS SUPPRESSION SYSTEM / FIRE ALARM / DETECTION



ELECTRONIC HOOTER

The hooters are designed to give audio alarms when faulty conditions arise. They are used in conjunction with alarm annunciators or controllers. An inbuilt volume control is provided so that the alarm sound can be customized as per requirement. They play an important role in ensuring safety and timely alerts in critical situations.



ADDRESSABLE FIRE ALARM PANEL

Addressable fire alarm control panels are fire protection systems that can swiftly detect changes in the atmosphere and pinpoint the exact location when trouble arises. They are a more modern system that operates digitally rather than analog, like conventional systems.



PROBE TYPE HEAT DETECTOR

A probe type heat sensor is designed to operate at a fixed temperature. This detector is suitable for applications in places like kitchen hoods, paint booths, ducts, generator sets, CNC machines, and more. The heat sensor is equipped with a flame-proof thermocouple head.



BATTERY OPERATED SMOKE ALARM

These are stand-alone, battery-operated smoke detectors generally used in homes and offices where electrical wiring is already completed. They offer a cost-effective and convenient fire safety solution. Their easy installation and portability make them suitable for both temporary and permanent setups.



FIRE EQUIPMENT - ELECTRIC SIREN

Electronic sirens are increasingly used for mass warning systems due to their advantages of low energy consumption and low maintenance. Their modular construction allows for flexibility in structure and power stage configurations. They are highly effective in delivering loud and clear emergency alerts.

THERMO PLASTIC HOSE PIPE

Flexible thermoplastic hose with strong reinforcement for reliable water delivery in fire-fighting operations. Designed as per IS 12585 standards for durability and performance.

Confirming Specification: IS 12585, Type-2, ISI Marked

This Thermo Plastic Hose is used for water delivery purpose in Fire-Fighting purpose.

CONSTRUCTION

- 1.Lining: A flexible Thermoplastic lining, Smooth in bore.
- 2.Reinforcement: A Natural or Synthetic Textile.
- 3.Reinforcement Cover: A flexible thermoplastic cover, which may have a smooth or fluted finish as agreed. The color may be different from that of the lining.

Standard Length: 30Mtrs & 36Mtrs

Nominal Bore: 10.00mm to 50.00mm



STAND POST TYPE WATER MONITOR

Heavy-duty water monitor with 360° rotation and high discharge capacity of 1750 LPM. Built for oil sectors, refineries, chemical plants, and high-risk industrial areas.

Application:

- 1.Oil Sector
- 2.Refineries
- 3.Chemical Plants
- 4.Fertilizers

PARAMETER	DETAILS
DESIGN & CONSTRUCTION	AS PER IS: 8442
MATERIAL	SEAMLESS MILD STEEL TUBE
SIZE OF MONITOR	63MM
SIZE OF INLET FLANGE	80MM
CONSTRUCTION	WELDED FROM M.S. SEAMLESS PIPES, BENDS ETC.
DISCHARGE CAPACITY	1750 LITRE PER MINUTE
HORIZONTAL THROW	50 – 55 METER
ROTATION	360°
ELEVATION	85° TO 30°
JOINT	SWIVEL TYPE (GUN-METAL)
JET SPRAY NOZZLE	GUN METAL OR ALUMINUM
OPERATIVE PRESSURE	7 KGF/CM ²





DOUBLE DOOR HOSE BOX

Fire Hose Box fabricated from CR sheet with double door, with full front glass inspection window and locking arrangement (Common Key Lock), duly painted with PO Red color outside and white color from inside (two coats of synthetic enamel paint)

SPECIFICATION	HOSE BOX
TYPE	DOUBLE DOOR
DIMENSIONS	750 X 600 X 250 (MM)
BODY	CRC SHEET
GLASS	TRANSPARENT ACRYLIC 3MM THICKNESS
CRC SHEET THICKNESS	18SWG / 16SWG / 14SWG
LOCK	COMMON KEY LOCK
KEY BOX	PROVIDED
HANDLE	PROVIDED
HOSE	FOR ACCOMMODATING 2 NOS. OF 15-METER HOSE AND ONE BRANCH PIPE
FINISH	COATS OF ENAMEL PAINT OF PO RED FROM OUTSIDE AND INSIDE



FOAM MAKING BRANCH

Foam Making Branch Pipe is a lightweight, easy to handle, ideal for Fire Brigade first line appliances and general industrial use. Will be operated from water supply at particular pressure to produce foam bubbles via 3m long pierce pick-up tube which can be supplied with the branch pipe.

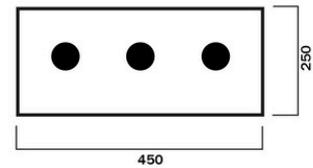
PARAMETERS	FB 5X	FB 10X
DESIGN & CONSTRUCTION	AS PER IS: 2097	AS PER IS: 2097
OPERATING PRESSURE RANGE	5.0 TO 5.5 BAR	8.0 TO 8.5 BAR
FOAM LIQUID	P, FP, FFFP, AFFF, AR AND S	STANDARD AFFF COMPOUND
FOAM RATIO	1:10	1:10
DISCHARGE (LPM)	225 TO 250 LITER PER MINUTE	450 TO 500 LITER PER MINUTE
JET LENGTH (MAX)	20 METERS	24 METERS
COUPLING INLET	2.5 INSTANTANEOUS (M)	2.5 INSTANTANEOUS (M)
FOAM PICK-UP	20MM QUICK RELEASE	20MM QUICK RELEASE
MATERIAL	ALUMINIUM ALLOY	ALUMINIUM ALLOY
WEIGHT	3.2 KG	3.7 KG
ANGLE OF OPERATION	30°	30°



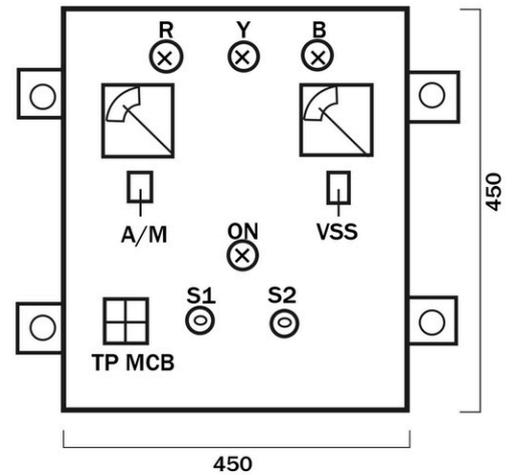
MOTOR STARTER PANEL

FEATURES:

1. Operates on 440V AC, 50 Hz AC supply
2. R, Y, B and ON Indication
3. Short circuit and overload protection
4. Automatic and manually operated
5. Easy to operate
6. High Performance
7. Easy installation and connection
8. Wall mounted



HOUSING DIAGRAM :-



SPECIFICATION	DETAILS
OPERATING VOLTAGE RANGE	AC 440V 50HZ
WEIGHT	13 KG
CONSTRUCTION	16 SWG CRCA STEEL
DIMENSION (HXWXD)	450 X 450 X 250 MM
COLOR	RED / OFF WHITE
CABINET TYPE	MS
OPERATING TEMPERATURE	0 DEGREE TO 50 DEGREE C
OPERATING HUMIDITY	95% (NON-CONDENSING)



AUTOMATIC CO2 CYLINDER FLOODING SYSTEM

CO2 Flooding System is a fixed fire-fighting system that releases Carbon Dioxide (CO2) in bulk to protect areas like engine rooms or cargo holds during fire. It uses high or low-pressure cylinders connected to fixed piping and nozzles for total flooding or local application.



CLEAN AGENT FIRE SUPPRESSION SYSTEM

A clean Agent is any fire extinguishing agent that is electrically non-conductive, volatile or gaseous and does not leave a residue upon evaporation. Clean Agent Fire Suppression Systems use an inert gas or chemical that is stored in a container and discharged when a fire is detected.



FIRE HYDRANT SYSTEM

A Fire Hydrant System is a safety measure or emergency equipment required in buildings that comprises a series of components that when assembled together provide a source of water to assist fire.

THE SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS::

- WATER SUPPLY & STORAGE FACILITY.
- FIRE PUMP SETS.
- PIPEWORK & VALVES.
- HYDRANT OR LANDING VALVE & COUPLING.
- FIRE BRIGADE BOOSTER INLETS.
- FIRST AID HOSE REELS AND LAY FLAT FIRE HOSE.



FIRE HYDRANT SYSTEM

Foam Bladder Tanks offer a reliable and simpler method of foam proportioning. Bladder Tank System includes a pressure-rated tank with an internal rubber bladder. Upon system actuation, incoming water applies pressure to the rubber bladder, which supplies pressurized foam concentrate to the proportioning device (ratio controller). The foam ratio controller meters the foam concentrate into the fire water line, creating foam solution. The solution is then piped to the discharge devices protecting the hazard area.

Bladder tanks are available in horizontal and vertical mounting with a completely pre-piped option. Foam Bladder Tanks carry UL, FM and CE approvals.



SCBA SET

The SCBA (Self-Contained Breathing Apparatus) Set is designed for firefighting operations, providing reliable respiratory protection in hazardous environments.

- **Dräger:** Durable steel cylinder with 6.0 litres capacity, 300-330 bar pressure range, and lightweight design (14 KG).
- **MSA:** Robust steel cylinder, 6.0 litres capacity, 200-300 bar pressure range, weighing 14.5 KG for effective use in emergencies.

Both models feature proper safety packaging and quick delivery within 8-10 working days.

DESCRIPTION	DRAGER	MSA
MATERIAL	STEEL	STEEL
USAGE/APPLICATION	FOR FIREFIGHTING USAGE	FOR FIREFIGHTING
VOLUME OF CYLINDER	6.0 LITRES	6.0 LITRES
MODEL NAME/NUMBER	PA91 PLUS	UNIPACK MSA
BRAND	DRAGER	MSA
WEIGHT	14 KG	14.5
COLOR	YELLOW	YELLOW
NUMBER OF CYLINDERS	1	1
CYLINDER VALVE	M18 X 1.5	M18 X 1.5
MAX. WORKING PRESSURE	300 - 330 BAR	200 - 300 BAR
MINIMUM ORDER QUANTITY	01 SET	1 SET
DELIVERY TIME	8 TO 10 WORKING DAYS	8 TO 10 WORKING DAYS
PACKAGING DETAILS	PROPER CARDBOARD PACKAGING	PROPER CARDBOARD PACKAGING





OUR CLIENTS

We are honored to partner with industry leaders who trust us for their fire safety solutions. Each collaboration is a reflection of our commitment to excellence, innovation, and reliability. Our esteemed clients include:

- AARTI INDUSTRIES LIMITED
- ADANI CMA MUNDRA TERMINAL P LTD
- ADANI HAZIRA PORT LTD
- ADANI INFRASTRUCTURE MANAGEMENT SERVICES LTD
- ADANI INTERNATIONAL CONTAINER TERMINAL PVT. LTD
- ADANI KANDLA BULK TERMINAL PVT. LTD.
- Adani Petronet Dahej Port. Ltd
- ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED
- Adani Power Limited
- Advance Fertilizers (India) Pvt Ltd
- AGA KHAN RURAL SUPPORT PROGRAMME (INDIA)
- AGRO PACK
- ALARSIN
- ALEX PHARMACHEM PRIVATE LIMITED
- AMGIS LIFESCIENCE LIMITED
- Amrit Crane Service
- ANAGHA CHEM PVT LIMITED
- AVESTA PHARMA PVT LTD
- BLOOM SEAL CONTAINERS PVT. LTD.
- BLUETEX [I] PVT LIMITED
- BRIDGE & ROOF COMPANY INDIA LTD
- BDP UGL LOGISTIC INDIA PVT LTD
- CHEM STAR CORP SCIENCE
- Colourtex Industries Pvt. Ltd. (Unit-1)
- CRYSTAL FORMS PVT LTD
- DARAMIC BATTERY SEPARATOR INDIA PVT. LTD
- DYNA GLYCOLS PVT LIMITED
- Dywidag Birdgecon India Pvt Ltd
- ESTEEM INDUSTRIES PVT LIMITED (PISSURLIEM)
- EVERGREEN BOARDLAM PVT LTD
- GACL NALCO ALKALIES & CHEMICALS PRIVATE LIMITED
- GALAXY SURFACTANS LTD
- Glaxon Pham Science LLP
- GRAND ORGANICS PVT LTD (BICHOLIM-GOA)
- GREEN LEAF CHEM TECH PVT. LTD
- GREEN PLANET CHEMICALS
- GUJARAT ALKALIES AND CHEMICALS LTD
- HEUBACH COLOUR PVT LTD
- YAMIR PACKAGING PVT LTD
- HINDUSTAN PETROLEUM CORPORATION LIMITED-IRD HAZIRA
- HPCL (GOA BOTTLING PLANT)
- HPCL (HAZIRA LPG BOTTLING PLANT)
- HPCL (HUBALI LPG BOTTLING)
- HPCL (Mahul LPG Bottling Plant)
- HPCL (SOLAPUR LPG BOTTLING PLANT)
- INDIAN OIL CORPORATION LTD
- INDIAN OIL CORPORATION LTD HAZIRA
- IOCL (BARODA LPG TERMINAL)
- IOCL (HAZIRA TERMINAL)
- IOCL [SUART AIRPORT]
- ISOCHEM CONTAINER SERVICES PVT LTD
- JAYANT PACKGING INDUSTRY
- Kanoria Chemicals & Industries Ltd
- Kryptos Pharmachem
- KUTCH COPPER LTD
- LAXMI CHEMICAL INDUSTRIES
- LUNA CHAMICAL INDUSTRIES PVT LTD
- MAKSONS FINE CHEM PVT LTD
- MEGA INNOVATIVE CROPS PVT LTD
- MEGHMANI ORGANICS LIMITED
- MUNDRA LPG TERMINAL PVT LTD
- NAVIN FLUORINE ADVANCED SCIENCES LIMITED
- NILKANTH ORGANICS PVT.LTD GROUPS
- NOCIL LIMITED.
- OM SAI RAM CORPORATION
- PRAGATI GLASS & INDUSTRIES PVT LTD
- Pragna Chem Tech Pvt Limited
- PRAGNA FOILS PRIVATE LIMITED
- PRAGNA PHARMA PVT LTD-DAHEJ
- PRUDENCE LIFECARE PRIVATE LIMITED
- SAGAR LIFESCIENCES PVT LTD
- Sayona Crop Care- Unit 1
- SHOFT SHIPYARD PVT LIMITED
- TECHNO PROCESS EQUIPMENTS (I) PVT LTD
- UMA CHEMICALS
- UPL LIMITED
- Vibrant Fine Chem
- Welspun Corp Limited



CONTACT US



Deep Fire Control

“सुरक्षा के हर कदम पर”

Deep Fire Control is a reputable name in the fire safety equipment industry. Established with a commitment to protect life and property, we specialize in the supply of high-quality fire extinguishers, hose pipes, hose fittings, and a complete range of firefighting equipment.

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Our Social Profiles    

