




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 | IS 15683 | IS 15683 | IS 15683 | IS 15683 |
| FIRE RATING | 1A, 21B | 1A, 21B | 2A, 55B | 3A, 89B | 4A, 144B |
| OPERATING TEMPERATURE | -30°C to +60°C | -30°C to +60°C | -30°C to +60°C | -30°C to +60°C | -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 | 2 MTR | 2 MTR | 2 MTR | 2 MTR |
| DISCHARGE PERCENTAGE (MIN) | MIN 90% | MIN 90% | MIN 90% | MIN 90% | MIN 90% |
| MIN. DURATION OF DISCHARGE (SEC) | 8 SEC | 8 SEC | 13 SEC | 13 SEC | 15 SEC |
| TEST PRESSURE | 35KGF/CM ² | 35KGF/CM ² | 35KGF/CM ² | 35KGF/CM ² | 35KGF/CM ² |
| WORKING PRESSURE | 15KGF/CM ² | 15KGF/CM ² | 15KGF/CM ² | 15KGF/CM ² | 15KGF/CM ² |
| BURST PRESSURE | 55KGF/CM ² | 55KGF/CM ² | 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 | DRY POWDER IS:4308 | DRY POWDER IS:4308 |
| EXPELLANT | NITROGEN | NITROGEN | 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 | SHADE 538 OR 536 OF IS:5 | 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

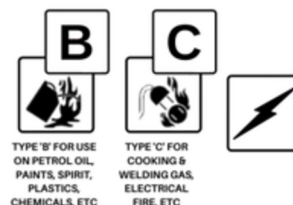
| MODEL | UFSS B4 | UFSS B6 | UFSS B9 |
|--|--------------------------|--------------------------|--------------------------|
| Capacity IN KG | 4 | 6 | 9 |
| IS SPECIFICATION | IS 15683 | IS 15683 | IS 15683 |
| FIRE RATING | 55B | 89B | 144B |
| OPERATING TEMPERATURE | -30°C to +60°C | -30°C to +60°C | -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

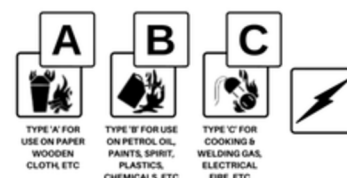
| MODEL | UFSS BC4 | UFSS BC6 | UFSS BC9 |
|--|--|--|--|
| CAPACITY IN KG | 4 | 6 | 9 |
| IS SPECIFICATION | IS 15683 | IS 15683 | IS 15683 |
| FIRE RATING | 55B | 89B | 144B |
| OPERATING TEMPERATURE | -30°C TO +60°C | -30°C TO +60°C | -30°C TO +60°C |
| CO ₂ GAS CARTRIDGE | 90 GMS | 120 GMS | 200 GMS |
| 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

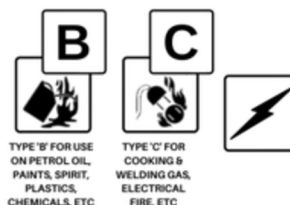
| MODEL | UFSS AC4 | UFSS AC6 | UFSS AC9 |
|--|--------------------------|--------------------------|--------------------------|
| CAPACITY IN KG | 4 | 6 | 9 |
| IS SPECIFICATION | IS 15683 | IS 15683 | IS 15683 |
| FIRE RATING | 3A, 55B | 4A, 89B | 4A, 144B |
| OPERATING TEMPERATURE | -30°C TO +60°C | -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

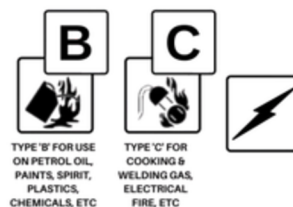
| MODEL | UFSS C2 | UFSS C3 | UFSS C4.5 |
|----------------------------------|--------------------------|--------------------------|--------------------------|
| CAPACITY IN KG | 2 | 3 | 4.5 |
| IS SPECIFICATION | IS 15683 | IS 15683 | IS 15683 |
| FIRE RATING | 21B | 34B | 55B |
| OPERATING TEMPERATURE | -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 |



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 |



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

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.

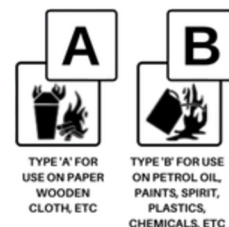
| MODEL | UFSS WC6 | UFSS WC9 |
|----------------------------------|--------------------------|--------------------------|
| CAPACITY IN LTR | 6 | 9 |
| IS SPECIFICATION | IS 15683 | IS 15683 |
| FIRE RATING | 2A | 3A |
| OPERATING TEMPERATURE | +5°C TO +60°C | +5°C TO +60°C |
| CO ₂ GAS CARTRIDGE | 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.

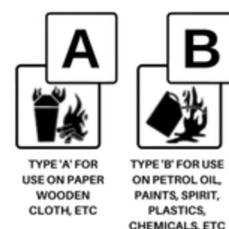
| MODEL | UFSS M6 | UFSS M9 |
|---|--------------------------|--------------------------|
| CAPACITY IN LTR | 6 | 9 |
| IS SPECIFICATION | IS 15683 | IS 15683 |
| FIRE RATING | 3A, 89B | 4A, 144B |
| OPERATING TEMPERATURE | +5°C TO +60°C | +5°C TO +60°C |
| EMPTY WEIGHT (KG) | 3 | 4 |
| COMPLETE WEIGHT (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.

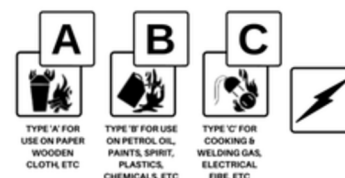
| MODEL | UFSS MC6 | UFSS MC9 |
|----------------------------------|--------------------------|--------------------------|
| CAPACITY IN LTR | 6 | 9 |
| IS SPECIFICATION | IS 15683 | IS 15683 |
| FIRE RATING | 3A, 89B | 4A, 144B |
| OPERATING TEMPERATURE | +5°C TO +60°C | +5°C TO +60°C |
| CO2 GAS CARTRIDGE | 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 |
| EXPELLANT | 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

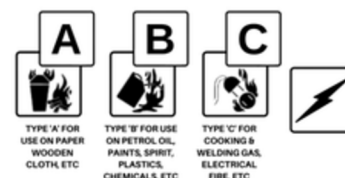
| MODEL | UFSS CL2 | UFSS CL4 | UFSS CL6 |
|----------------------------------|--------------------------|--------------------------|--------------------------|
| CAPACITY IN KG | 2 | 4 | 6 |
| IS SPECIFICATION | IS 15683 | IS 15683 | IS 15683 |
| FIRE RATING | 1A, 21B | 1A, 34B | 2A, 55B |
| OPERATING 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

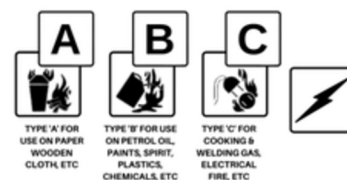
| MODEL | UFSSMDCL2 | UFSSMDCL5 | UFSSMDCL10 | UFSSMDCL15 |
|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| CAPACITY IN KG | 2 | 5 | 10 | 15 |
| PROPELLANT | NITROGEN | NITROGEN | NITROGEN | NITROGEN |
| EXTINGUISHING MEDIA | HFC 236FA | HFC 236FA | HFC 236FA | HFC 236FA |
| WORKING PRESSURE | 7 TO 15 KGF/CM ² | 7 TO 15 KGF/CM ² | 7 TO 15 KGF/CM ² | 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 | 68°C / 79°C / 93°C | 68°C / 79°C / 93°C | 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 | SHADE 538 OR 536 OF IS:5 | SHADE 538 OR 536 OF IS:5 | 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 | 7 TO 15 KGF/CM ² | 7 TO 15 KGF/CM ² | 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.

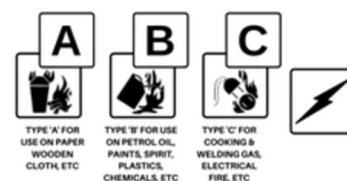
| MODEL | UFSS ABC25-I / UFSS BC25-I | UFSS ABC25 / UFSS BC25 | UFSS ABC50 / UFSS BC50 | UFSS ABC75 / UFSS BC75 |
|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Capacity 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 | SHADE 538 OR 536 OF IS:5 | SHADE 538 OR 536 OF IS:5 | 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 | MAP - IS 4308 | MAP - IS 4308 | MAP - IS 4308 |
| WORKING PRESSURE | 7 TO 15 KGF/CM ² | 7 TO 15 KGF/CM ² | 7 TO 15 KGF/CM ² | 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 | 68°C / 79°C / 93°C | 68°C / 79°C / 93°C | 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 | SHADE 538 OR 536 OF IS:5 | SHADE 538 OR 536 OF IS:5 | 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

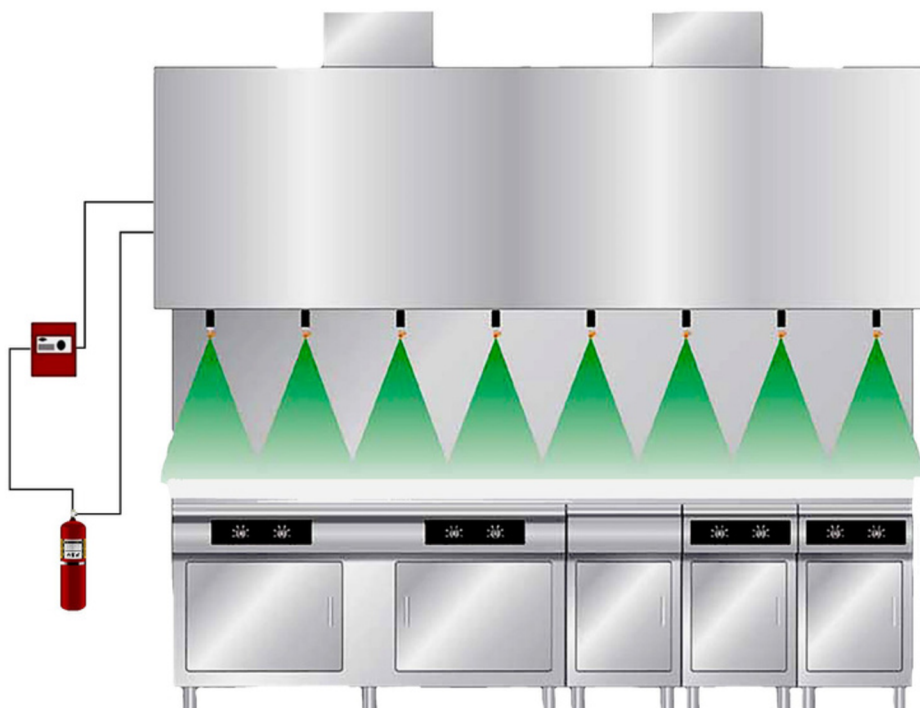
D Class SS Body Stored Pressure Type Fire Extinguisher is specifically designed for combating metal fires involving materials like magnesium, titanium, sodium, and other combustible metals. Built with a stainless steel body, it ensures durability and resistance to extreme conditions. Using dry powder 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

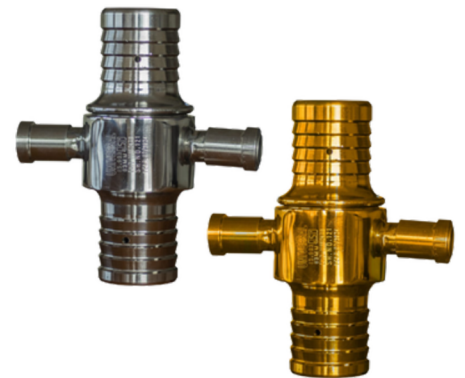
B) MATERIAL OF CONSTRUCTION

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



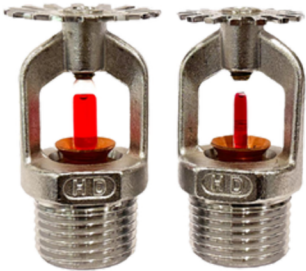
AIR RELEASE VALVE

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.

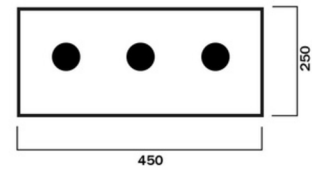
| PARAMETERS | FB 5X | FB 10X |
|--------------------------|-----------------------------|-----------------------------|
| DESIGN & CONSTRUCTION | AS PER IS: 2097 | AS PER IS: 2097 |
| OPERATING PRESSURE RANGE | 5.0 TO 5.5 BAR | 8.0 TO 8.5 BAR |
| FOAM LIQUID | P, FP, FFFP, AFFF, AR AND S | STANDARD 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° |



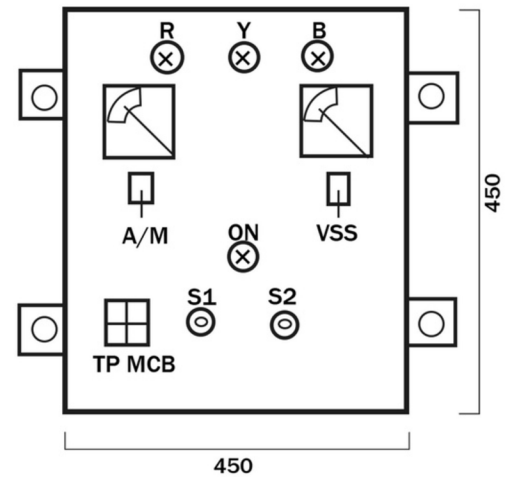
MOTOR STARTER PANEL

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(GO A 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    

