



# KOHINOOR SAFETY SERVICES

An ISO 9001: 2015 Certified Company



## GREETING FROM KOHINOOR SAFETY SERVICES

**KOHINOOR SAFETY SERVICES** was established in Mumbai. All our products are ISI mark and CE mark, we are binding to this planet to give our services which cover Safety, security and protection which cares to Human Being & Environment. We not only deliver complete, cost-effective safety service solutions to our customers as promised and without compromise, but we have the resources and the support to back it up.

### Our Mission & Vision :

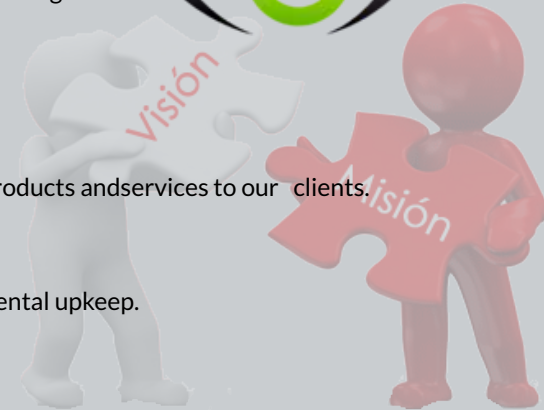
**Our Mission :** To Provide Highest Quality in all our Engineering Services ensuring Accuracy, Speed and Value Addition to achieve Total Client Satisfaction.

We at **KOHINOOR SAFETY SERVICES** are committed to raise the bar of excellence in the area of services, products and quality. We believe in continuously delivering the same by upholding the highest ethical standard, comitment & integrity.



### **Our Vision :**

- Special focus and emphasis on delivering quality products and services to our clients.
- Excel in safe working.
- Be a compulsory choice of our Customers.
- Ensure judicious usage of resources and environmental upkeep.
- Keep growing together.



### Values :

- Safety for Anything and Everything
- Flexibility
- Consistency
- Reliability
- Integrity and Ethics

### Area of Application :

- Pharmaceutical Sector
- Govt. Sector
- Industrial Sector
- Banks
- Commercial Malls
- Defence Sector
- Residential Apartments
- Transportation Sector
- Warehouses
- High - Rise Buildings



# WATER TYPE FIRE EXTINGUISHERS

Water Fire Extinguishers are ideal for extinguishing Class A Fires. KOHINOOR SAFETY SERVICES Water Fire Extinguishers are perfect for use in range of applications including offices and ware houses and the extinguishment is just pure water making the fire extinguishers extremely Environmentally friendly quick and simple to discharge test.

## Water Cartridge Type



- ISI Marked
- 1 year warranty
- Supplied complete with wall mounting bracket
- Easy to read pressure gauge
- High quality corrosion resistant finish
- Full Range of spare parts are available

| MODEL                          | KSS - 6 WCT        | KSS - 9 WCT        |
|--------------------------------|--------------------|--------------------|
| Cylinder Material              | M.S.               | M.S.               |
| Capacity (Ltr.)                | 6                  | 9                  |
| Fire Rating                    | 3A                 | 4A                 |
| Temperature Range              | +5°C to 55°C       | +5°C to 55°C       |
| Discharge Time (Sec.)          | More Than 13 sec.  | More Than 13 sec.  |
| Discharge Range (Meters)       | More Than 02 Mtrs. | More Than 02 Mtrs. |
| Operating Pressure             | 15 Bar             | 15 Bar             |
| Test Pressure                  | 35 Bar             | 35 Bar             |
| Expellant                      | Co2                | Co2                |
| Co2 Cartridge Capacity (grams) | 60                 | 60                 |

## Water Stored Pressure Type



| MODEL                          | KSS - 6 W          | KSS - 9 W          |
|--------------------------------|--------------------|--------------------|
| Cylinder Material              | M.S.               | M.S.               |
| Capacity (Ltr.)                | 6                  | 9                  |
| Fire Rating                    | 3A                 | 4A                 |
| Temperature Range              | +5°C to 55°C       | +5°C to 55°C       |
| Discharge Time (Sec.)          | More Than 13 sec.  | More Than 13 sec.  |
| Discharge Range (Meters)       | More Than 02 Mtrs. | More Than 02 Mtrs. |
| Operating Pressure             | 15 Bar             | 15 Bar             |
| Test Pressure                  | 35 Bar             | 35 Bar             |
| Expellant                      | Nitrogen           | Nitrogen           |
| Co2 Cartridge Capacity (grams) | —                  | —                  |

- ISI Marked
- 1 year warranty
- Supplied complete with wall mounting bracket
- Easy to read pressure gauge
- High quality corrosion resistant finish
- Full Range of spare parts are available



# ABC POWDER STORED PRESSURE 1KG, 2KG, 4KG, 6KG AND 9KG

Powder Fire Extinguishers are ideal for use on Class A, B and C Fire Risks. KOHINOOR SAFETY SERVICES Power Fire Extinguishers are available in 1kg, 2kg, 4kg, 6kg and 9kg standard versions.

## Power Stored Pressure

- ISI Marked
- 1 year warranty
- Safe for use on live electrical equipment
- Full Range of spare parts are available
- Fully Refillable
- Controlled Discharge
- Supplied with wall bracket
- Squeeze grip operation



| MODEL                    | KSS - 1 ABC        | KSS - 2 ABC        |
|--------------------------|--------------------|--------------------|
| Cylinder Material        | M.S.               | M.S.               |
| Capacity (KG)            | 1                  | 2                  |
| Fire Rating              | 1A 8B              | 1A 13B             |
| Temperature Range        | -20°C to +55°C     | -20°C to +55°C     |
| Discharge Time (Sec. )   | More Than 8 sec.   | More Than 8 sec.   |
| Discharge Range (Meters) | More Than 02 Mtrs. | More Than 02 Mtrs. |
| Operating Pressure       | 15 Bar             | 15 Bar             |
| Test Pressure            | 35 Bar             | 35 Bar             |
| Expellant                | Nitrogen           | Nitrogen           |



| MODEL                    | KSS - 4 ABC        | KSS - 6 ABC        |
|--------------------------|--------------------|--------------------|
| Cylinder Material        | M.S.               | M.S.               |
| Capacity (KG)            | 4                  | 6                  |
| Fire Rating              | 2A 21B             | 3A 34B             |
| Temperature Range        | -20°C to +55°C     | -20°C to +55°C     |
| Discharge Time (Sec. )   | More Than 13 sec.  | More Than 13 sec.  |
| Discharge Range (Meters) | More Than 02 Mtrs. | More Than 02 Mtrs. |
| Operating Pressure       | 15 Bar             | 15 Bar             |
| Test Pressure            | 35 Bar             | 35 Bar             |
| Expellant                | Nitrogen           | Nitrogen           |

| MODEL                    | KSS - 9 ABC        |
|--------------------------|--------------------|
| Cylinder Material        | M.S.               |
| Capacity (KG)            | 9                  |
| Fire Rating              | 4A 55B             |
| Temperature Range        | -20°C to +55°C     |
| Discharge Time (Sec. )   | 13 sec. More Than  |
| Discharge Range (Meters) | 02 Mtrs. More Than |
| Operating Pressure       | 15 Bar Max         |
| Test Pressure            | 35 Bar             |
| Expellant                | Nitrogen           |



## BC STORED PRESSURE & CARTRIDGE TYPE

### DCP Powder Stored Pressure & Cartridge Type 4kg, 6kg and 9kg

DCP Power Fire Extinguishers are ideal for use on Class B and C Fires Risks. **KOHINOOR SAFETY SERVICES** DCP Power Fire Extinguishers are available in 4kg, 6kg and 9kg standard versions. This model is designed to extinguish 'B' and 'C' type fire involving material like Petro Chemical products, Paints, Resins, Pigment, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG, & CNG.

- ISI Marked
- 1 year warranty
- Safe for use on live electrical equipment
- Squeeze grip operation
- Fully Refillable
- Controlled Discharge
- Supplied with wall bracket
- Full Range of spare parts are available

#### BC Cartridge Type



#### BC Stored Pressure Type



| MODEL                          | KSS - 4 BC         | KSS - 6 BC         | KSS - 9 BC         | KSS - 4 CTBC       | KSS - 6 CTBC       | KSS - 9 CTBC       |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Cylinder Material              | M.S.               | M.S.               | M.S.               | M.S.               | M.S.               | M.S.               |
| Capacity(KG)                   | 4                  | 6                  | 9                  | 4                  | 6                  | 9                  |
| Fire Rating                    | 34B                | 55B                | 89B                | 34B                | 55B                | 89B                |
| Extinguishing Medium           | All as per IS 4308 | All as per IS 4308 | All as per IS 4308 | All as per IS 4308 | All as per IS 4308 | All as per IS 4308 |
| Temperature Range              | -20°C to +55°C     | -20°C to +55°C     | -20°C to +55°C     | -20°C to +55°C     | -20°C to +55°C     | -20°C to +55°C     |
| Discharge Time (Sec. )         | More Than 13sec.   | More Than 13sec.   | More Than 13sec.   | More Than 13sec.   | More Than 13sec.   | More Than 13sec.   |
| Discharge Range (Meters)       | More Than 02Mtrs.  | More Than 02Mtrs.  | More Than 02Mtrs.  | More Than 02Mtrs.  | More Than 02Mtrs.  | More Than 02Mtrs.  |
| Operating Pressure             | 15 Bar             | 15 Bar             | 15 Bar             | 15 Bar             | 15 Bar             | 15 Bar             |
| Test Pressure                  | 35 Bar             | 35 Bar             | 35 Bar             | 35 Bar             | 35 Bar             | 35 Bar             |
| Expellant                      | Nitrogen           | Nitrogen           | Nitrogen           | Co2                | Co2                | Co2                |
| Co2 Cartridge Capacity (grams) | —                  | —                  | —                  | 120                | 120                | 200                |

45

Years Experience

1000's

of Satisfied Customers

24

HOUR Emergency Callout

## CARBON DIOXIDE PORTABLE CO2 TYPE FIRE EXTINGUISHERS

Carbon Dioxide Fire Extinguishers are ideal for use on Class B Fire Risks. KOHINOOR SAFETY SERVICES Carbon Dioxide Fire Extinguishers are available in 2kg, 3kg and 4.5kg standard versions.

- ISI Marked
- 1 year warranty
- Safe for use on live electrical equipment
- Fully Refillable
- Controlled Discharge
- Supplied with wall bracket
- Full Range of spare parts are available



| MODEL                    | KSS - 2 Co2        | KSS - 3 Co2        | KSS - 4.5 CO2      |
|--------------------------|--------------------|--------------------|--------------------|
| Cylinder Material        | Mn                 | Mn                 | Mn                 |
| Capacity (KG)            | 2                  | 3                  | 4.5                |
| Fire Rating              | 8B                 | 13B                | 21B                |
| Extinguishing Medium     | Co2 Gas IS 15222   | Co2 Gas IS 15222   | Co2 Gas IS 15222   |
| Temperature Range        | -20°C to + 55°C    | -20°C to + 55°C    | -20°C to + 55°C    |
| Discharge Time (Sec. )   | More Than 08 sec.  | More Than 8 sec.   | More Than 8 sec.   |
| Discharge Range (Meters) | More Than 01 Mtrs. | More Than 02 Mtrs. | More Than 02 Mtrs. |
| Test Pressure            | 250 Bar Max        | 250 Bar Max        | 250 Bar Max        |

## MECHANICAL FOAM TYPE FIRE EXTINGUISHERS

Foam Fire Extinguishers are ideal for use on Class A and B Fire Risks. KOHINOOR SAFETY SERVICES Foam Fire Extinguishers are available in 6Ltr. and 9Ltr. standard models.

### Foam- Stored Pressure Type

- ISI Marked
- 1 year warranty
- Squeeze grip operation
- Fully Refillable
- Controlled Discharge
- Supplied with wall bracket
- Full Range of spare parts are available



| MODEL                          | KSS - 6 MF         | KSS - 9 MF         |
|--------------------------------|--------------------|--------------------|
| Cylinder Material              | M.S.               | M.S.               |
| Capacity (lLtr.)               | 6                  | 9                  |
| Fire Rating                    | 3A, 34B            | 4A, 55B            |
| Extinguishing Medium           | Afff foam IS 4989  | Afff foam IS 4989  |
| Temperature Range              | +5°C to + 55°C     | +5°C to + 55°C     |
| Discharge Time (Sec. )         | More Than 13 sec.  | More Than 13 sec.  |
| Discharge Range (Meters)       | More Than 02 Mtrs. | More Than 02 Mtrs. |
| Operating Pressure             | 15 Bar             | 15 Bar             |
| Test Pressure                  | 35 BAR             | 35 BAR             |
| Expellant                      | NITROGEN           | NITROGEN           |
| Co2 Cartridge Capacity (grams) | —                  | —                  |



## MECHANICAL FOAM TYPE FIRE EXTINGUISHERS

### Foam – Cartridge Type



| MODEL                          | KSS - 6 MFCT       | KSS - 9 MFCT       |
|--------------------------------|--------------------|--------------------|
| Cylinder Material              | M.S.               | M.S.               |
| Capacity (lLtr.)               | 6                  | 9                  |
| Fire Rating                    | 3A, 34B            | 4A, 55B            |
| Extinguishing Medium           | Afff foam IS 4989  | Afff foam IS 4989  |
| Temperature Range              | +5°C to + 55°C     | +5°C to + 55°C     |
| Discharge Time (Sec. )         | More Than 13 sec.  | More Than 13 sec.  |
| Discharge Range (Meters)       | More Than 02 Mtrs. | More Than 02 Mtrs. |
| Operating Pressure             | 15 Bar             | 15 Bar             |
| Test Pressure                  | 35 BAR             | 35 BAR             |
| Expellant                      | Co2                | Co2                |
| Co2 Cartridge Capacity (grams) | 60                 | 60                 |

## AUTOMATIC ROOF UNIT ( MODULAR ) TYPE FIRE EXTINGUISHERS

Automatic Fire Extinguishers are ideal for use in unoccupied rooms or areas and can be used to provide fire safety protection in an enclosed space.

- Available with ABC Powder, Water, Foam and Clean Agent gas Extinguishers
- Supplied complete with temperature activation bulb ( 68° C ) which activated the fire extinguisher when the temperature is reached.
- Wide range of uses including unattended areas, storage rooms, server rooms, engine compartments.



| MODEL                     | KSS - Mo2               | KSS - Mo5               | KSS - M10              | KSS - M15              |
|---------------------------|-------------------------|-------------------------|------------------------|------------------------|
| Capacity (KG)             | 2 kg                    | 5 Kg                    | 10 kg                  | 15 Kg                  |
| Design                    | Ceilling Mounted        | Ceilling Mounted        | Ceilling Mounted       | Ceilling Mounted       |
| Average Discharge Time    | 4-5 sec                 | 6-8 sec                 | 10-15 sec              | 15-20 sec              |
| Hanging Height Above Risk | 1.5 Mtr.                | 1.5 to 2 Mtr.           | 1.75 to 2.25 Mtr.      | 2 to 3 Mtr.            |
| Area Protection           | 1 to 1.5 m <sup>2</sup> | 2 to 2.5 m <sup>2</sup> | 4 to 5 m <sup>2</sup>  | 5 to 6 m <sup>2</sup>  |
| Volume Protection         | 2.5 m <sup>3</sup>      | 6 m <sup>3</sup>        | 10 m <sup>3</sup>      | 15 m <sup>3</sup>      |
| Average % Discharge       | 99 %                    | 99 %                    | 99 %                   | 99 %                   |
| Operating Temperature     | 68°                     | 68°                     | 68°                    | 68°                    |
| Service / Test Pressure   | 15 / 35 Bar             | 15 / 35 Bar             | 15 / 35 Bar            | 15 / 35 Bar            |
| Expelling Agent           | Nitrogen / Clean Agent  | Nitrogen / Clean Agent  | Nitrogen / Clean Agent | Nitrogen / Clean Agent |

## DRY CHEMICAL POWDER ABC TYPE WHEELED FIRE EXTINGUISHERS

KOHINOOR SAFETY SERVICES fire wheeled extinguishers are available in ABC Powder and offer exceptional value for money as well as the high quality that you would expect from KOHINOOR SAFETY SERVICES fire fighting products. KOHINOOR SAFETY SERVICES wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



| CAPACITY                     | 25 kg Outside Cartridge Type | 25 kg Inside Cartridge Type | 50 kg Outside Cartridge Type | 75 kg Outside Cartridge Type |
|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| Type                         | Wheeled DCP ABC Type         | Wheeled DCP ABC Type        | Wheeled DCP ABC Type         | Wheeled DCP ABC Type         |
| Is No.                       | IS 16018                     | IS 16018                    | IS 16018                     | IS 16018                     |
| Fire Rating                  | 20 A 233B                    | 20 A 233B                   | 20 A 233B                    | 20 A 233B                    |
| Operating Temperature        | -30°C to + 55°C              | -30°C to + 55°C             | -30°C to + 55°C              | -30°C to + 55°C              |
| Min. Jet Length ( In Mtrs. ) | More Than 6 Mtrs.            | More Than 6 Mtrs.           | More Than 6 Mtrs.            | More Than 6 Mtrs.            |
| Discharge Percentage         | 85 %                         | 85 %                        | 85 %                         | 85 %                         |
| Discharge Time               | More Than 30 sec.            | More Than 30 sec.           | More Than 30 sec.            | More Than 30 sec.            |
| Charge Pressure              | 1.8Mpa                       | 1.8Mpa                      | 1.8Mpa                       | 1.8Mpa                       |
| Test Pressure                | 3.0 Mpa                      | 3.0 Mpa                     | 3.0 Mpa                      | 3.0 Mpa                      |
| Extinguisher Media           | Dry powder As per IS 14609   | Dry powder As per IS 14609  | Dry powder As per IS 14609   | Dry powder As per IS 14609   |
| Expellant                    | Co2                          | Co2                         | Co2                          | Co2                          |
| Length of Hose Pipe          | 2 mtrs.                      | 2 mtrs.                     | 4 mtrs.                      | 4 mtrs.                      |

## DRY CHEMICAL POWDER BC TYPE WHEELED FIRE EXTINGUISHERS

KOHINOOR SAFETY SERVICES fire wheeled extinguishers are available in BC Powder and offer exceptional value for money as well as the high quality that you would expect from KOHINOOR SAFETY SERVICES fire fighting products. KOHINOOR SAFETY SERVICES wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.





## DRY CHEMICAL POWDER BC TYPE WHEELED FIRE EXTINGUISHERS

| CAPACITY                     | 25 kg Outside Cartridge Type | 25 kg Inside Cartridge Type | 50 kg Outside Cartridge Type | 75 kg Outside Cartridge Type |
|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| Type                         | Wheeled DCP BC Type          | Wheeled DCP BC Type         | Wheeled DCP BC Type          | Wheeled DCP BC Type          |
| Is No.                       | IS 16018                     | IS 16018                    | IS 16018                     | IS 16018                     |
| Fire Rating                  | 233B                         | 233B                        | 233B                         | 233B                         |
| Operating Temperature        | -30°C to + 55°C              | -30°C to + 55°C             | -30°C to + 55°C              | -30°C to + 55°C              |
| Min. Jet Length ( In Mtrs. ) | More Than 6 Mtrs.            | More Than 6 Mtrs.           | More Than 6 Mtrs.            | More Than 6 Mtrs.            |
| Discharge Percentage         | 85 %                         | 85 %                        | 85 %                         | 85 %                         |
| Discharge Time               | More Than 30 sec.            | More Than 30 sec.           | More Than 30 sec.            | More Than 30 sec.            |
| Charge Pressure              | 1.8Mpa                       | 1.8Mpa                      | 1.8Mpa                       | 1.8Mpa                       |
| Test Pressure                | 3.0 Mpa                      | 3.0 Mpa                     | 3.0 Mpa                      | 3.0 Mpa                      |
| Extinguisher Media           | Dry powder As per IS 4308    | Dry powder As per IS 4308   | Dry powder As per IS 4308    | Dry powder As per IS 4308    |
| Expellant                    | Co2                          | Co2                         | Co2                          | Co2                          |
| Length of Hose Pipe          | 2 mtrs.                      | 2 mtrs.                     | 4 mtrs.                      | 4 mtrs.                      |

## CARBON DIOXIDE TYPE (CO<sub>2</sub>) WHEELED FIRE EXTINGUISHERS

### KOHINOOR SAFETY SERVICES

fire wheeled extinguishers are available in Co<sub>2</sub> Versions and offer exceptional value for money as well as the high quality that you would expect from **KOHINOOR SAFETY SERVICES** fire fighting products. **KOHINOOR SAFETY SERVICES** wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



| CAPACITY                     | 6.5 kg                  | 9 kg                    | 22.5 kg                 |
|------------------------------|-------------------------|-------------------------|-------------------------|
| Type                         | Wheel Type Co2          | Wheel Type Co2          | Wheel Type Co2          |
| IS NO.                       | IS 16018                | IS 16018                | IS 16018                |
| Fire Rating                  | 55B                     | 55B                     | 89B                     |
| Operating Temperature        | -30°C to + 55°C         | -30 C to + 55°C         | -30°C to + 55°C         |
| Min. Jet Length ( In Mtrs. ) | More Than 2 Mtrs.       | More Than 2 Mtrs.       | More Than 2 Mtrs.       |
| Discharge Percentage         | 95 %                    | 95 %                    | 95 %                    |
| Discharge Time               | More Than 15 sec.       | More Than 15 sec.       | More Than 15 sec.       |
| Operating Value              | Wheel Type              | Wheel Type              | Wheel Type              |
| Test Pressure                | 25 Mpa                  | 25 Mpa                  | 25 Mpa                  |
| Extinguisher Media           | Co2 Gas As per IS 15222 | Co2 Gas As per IS 15222 | Co2 Gas As per IS 15222 |
| Expellant                    | Co2                     | Co2                     | Co2                     |
| Length of Hose Pipe          | 2 Mtrs.                 | 2 Mtrs.                 | 4 Mtrs.                 |

## FOAM / WATER BASED WHEELED TYPE FIRE EXTINGUISHERS

KOHINOOR SAFETY SERVICES fire wheeled extinguishers are available in Foam / Water based versions and offer exceptional value for money as well as the high quality that you would expect from KOHINOOR SAFETY SERVICES fire fighting products. KOHINOOR SAFETY SERVICES wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



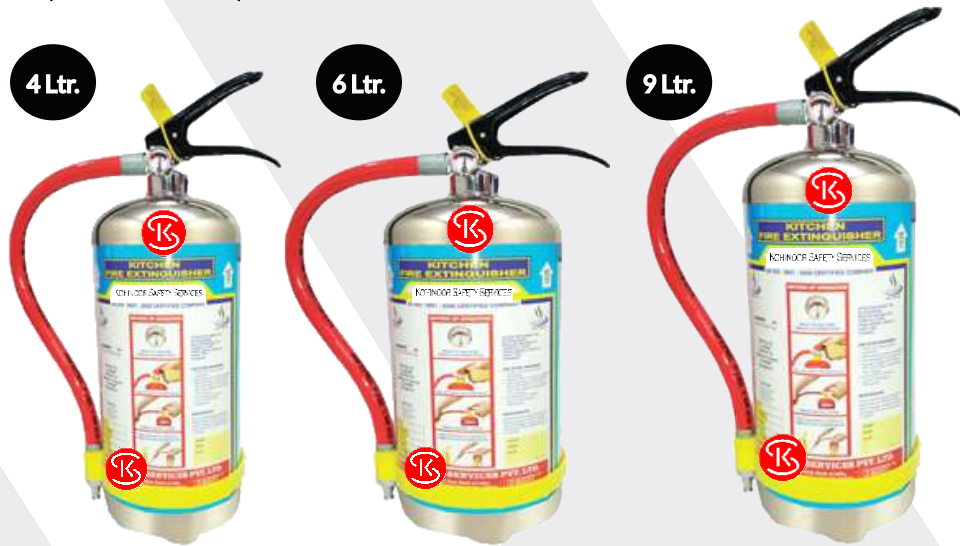
| CAPACITY                     | MECHANICAL FOAM 45 LITER | WATER 45 LITER    |
|------------------------------|--------------------------|-------------------|
| Type                         | Foam Based               | Water Based       |
| IS NO.                       | IS 16018                 | IS 16018          |
| Fire Rating                  | 20A 233B                 | 20A               |
| Operating Temperature        | +5°C to + 55°C           | +5°C to + 55°C    |
| Min. Jet Length ( In Mtrs. ) | More Than 6 Mtrs.        | More Than 6 Mtrs. |
| Discharge Percentage         | 95 %                     | 95 %              |
| Discharge Time               | More Than 30 sec.        | More Than 30 sec. |
| Operating Pressure           | 1.8 Mpa                  | 1.8 Mpa           |
| Test Pressure                | 3.0 Mpa                  | 3.0 Mpa           |
| Extinguisher Media           | AFFF Foam As per IS 4989 | Water             |
| Expellant                    | Co2                      | Co2               |
| Expellant Capacity           | 200 gms                  | 200 gms           |
| Length of Hose Pipe          | 4 Mtrs.                  | 4 Mtrs.           |

## WET CHEMICAL ( K- CLASS ) KITCHEN FIRE EXTINGUISHERS

Stored Pressure 2ltr, 4ltr, 6ltr & 9 ltr fire extinguishers Wet chemical fire extinguishers with Class K fire risks & are designed for use against kitchen & fat fires. A unique feature of the KOHINOOR SAFETY SERVICES wet chemical fire extinguishers is that the extinguishers can be operated from a distance of approximately 2-4 meters away reducing danger to the fire extinguishers operator.

- Squeeze grip operation
- Fully Refillable
- Controlled Discharge
- Supplied with wall bracket
- Full Range of spare parts are available

## 👉 WET CHEMICAL ( K- CLASS ) KITCHEN FIRE EXTINGUISHERS



| MODEL                    | KSS - 2K          | KSS - 4K          | KSS - 6K          | KSS - 9K          |
|--------------------------|-------------------|-------------------|-------------------|-------------------|
| Cylinder Material        | MS / S.S          | MS / S.S          | MS / S.S          | MS / S.S          |
| Capacity (Ltrs.)         | 2 Ltrs.           | 4 Ltrs.           | 6 Ltrs.           | 9 Ltrs.           |
| Extinguishing Medium     | Wet Chemical      | Wet Chemical      | Wet Chemical      | Wet Chemical      |
| Discharge Time (Sec.)    | More than 8 Sec.  | More than 13 Sec. | More than 13 Sec. | More than 13 Sec. |
| Discharge Range (Meters) | More than 2 Mtrs. | More than 2 Mtrs. | More than 2 Mtrs. | More than 2 Mtrs. |
| Operating Pressure       | 15Bar             | 15Bar             | 15Bar             | 15Bar             |
| Test Pressure            | 35 Bar            | 35 Bar            | 35 Bar            | 35 Bar            |
| Expellant                | Nitrogen          | Nitrogen          | Nitrogen          | Nitrogen          |

## 👉 CLEAN AGENT TYPE FIRE EXTINGUISHERS

### Stored Pressure 2 kg, 4 kg & 6 kg Fire Extinguishers:

Safe to use on all your sensitive equipment, the Clean Agent Extinguisher brings you the added benefit of being the world's most advanced, and by fa the most eco-friendly extinguisher Clean Agent Extinguishers leave no residue, packed in mega power and are absolutely safe for use on any sensitive electronic equipment.

- 1 year warranty
- Squeeze grip operation
- Fully Refillable
- Controlled Discharge
- Supplied with wall bracket
- Full Range of spare parts are available



| MODEL                        | KSS - 2CA         | KSS - 4CA         | KSS - 6CA         |
|------------------------------|-------------------|-------------------|-------------------|
| Capacity                     | 2 KGS             | 4 KGS             | 6 KGS             |
| Fire Rating                  | 1 A : 8 B         | 2 A : 21 B        | 3 A : 34 B        |
| Operating Temperature        | -20°C to + 55°C   | -20°C to + 55°C   | -20°C to + 55°C   |
| Min. Jet Length ( In Mtrs. ) | More Than 2 Mtrs. | More Than 2 Mtrs. | More Than 2 Mtrs. |
| Discharge Percentage         | 90 %              | 90 %              | 90 %              |
| Discharge Time (Sec.)        | More Than 8 sec.  | More Than 13 sec. | More Than 13 sec. |
| Charge Pressure              | 15 Bar            | 15 Bar            | 15 Bar            |
| Test Pressure                | 35 Bar            | 35 Bar            | 35 Bar            |
| Operating Values             | Squeeze Grip Type | Squeeze Grip Type | Squeeze Grip Type |
| Extinguisher Media           | Clean Agent       | Clean Agent       | Clean Agent       |



## FIRE DETECTION & SUPPRESSION SYSTEM (FDSS)

### Automatic Fire Suppression System For Vehicle

Fire Detection with Automatically and Manually Operated Fire Suppression System. Fire Detection and Suppression System. As per AIS 135.

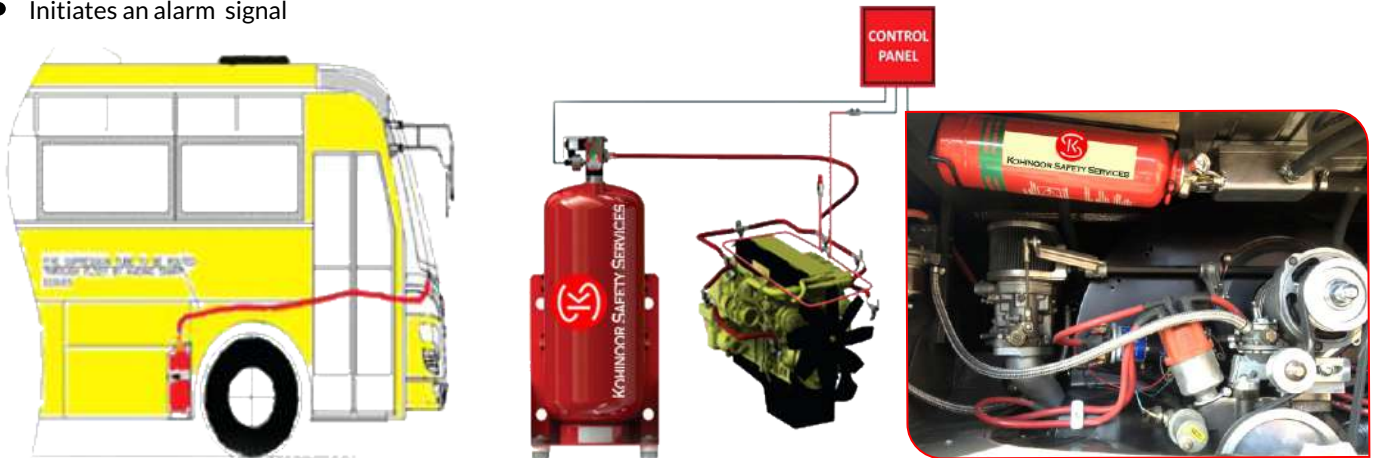
#### Includes:

- Fire detectors
- Fire indicator & control panel
- Manual actuation mechanism
- Fire alarm & visual indicator
- Fire extinguishing agent container
- Discharge pipe work and nozzles

This is an engineered fire suppression system which delivers the best results when it comes to risk reduction. The system is a combination of fire detection and suppression system in one complete package. The fire detection system is designed to be both manual and automatic operation. This means that an operator or the specially designed fire sensing device can actuate the system by itself. The discharge system is engineered to the vehicle's engine bay with the sole purpose of reducing the risk and limiting the possibility for re-ignition, thus protecting the lives of on board passengers.

#### Benefits of the system:

- Full 24/7 monitoring of the heat detection sensor and cylinder pressure
- Rapid detection of a fire
- Initiates an alarm signal
- Automatically activated discharge process of extinguishing agent
- Manual activation of discharge and extinguishing agent
- Helps to initiate safety & evacuation functions



## AUTOMATIC FIRE SUPPRESSION FOR ELECTRICAL PANEL /SERVER ROOM

Property protection and small extinguishing systems (e.g. for electrical panels, server racks, engine rooms and tool machinery) have spot-on and prompt effects. The key to this is represented by our fire tube (pneumatic sensor hoses) which can be installed flexibly in the building or danger area, are practically immune to malfunctions and do not require any external power supply. They are as simple as they are ingenious. In the event of fire, the fire tube bursts at the Hottest spot. The loss in pressure causes the valve to open and release the fire extinguishing agent. The practical thing about this principle is that the detection feature can also be secured in the immediate vicinity of a potential fire source. This means that a fire can be detected during its emergent phase, i.e. during the first few seconds. And this "baby fire" can then be easily put out even using a small fire-extinguishing system, the size of which can be adapted to the respective danger potential.



## SHORT BRANCH PIPE WITH NOZZLE

### Technical Specification

- Size of Branch Pipe : 63 mm
- Size of Nozzles : 6mm, 12 mm, 15 mm, 20 mm and 25mm
- Material : Gun metal/ Stainless/ Aluminium Alloy
- Conforming Specification : IS 903:1993

### Performance Test

- Hydraulic Test : Tested at 21 Kgf /cm<sup>2</sup>
- Working Pressure : 7kgf / cm<sup>2</sup>
- Finish : Natural Polished
- Halogram : Sticker Stuck on Nozzle



| Type of Material | Stainless Steel           | Gun Metal           | Aluminum            |
|------------------|---------------------------|---------------------|---------------------|
| Body, Assembly   | Stainless Steel IS : 3444 | LTB 2 IS : 318      | IS 617              |
| Rubber Washer    | IS : 937 (Type - B)       | IS : 937 (Type - B) | IS : 937 (Type - B) |

## SWINGING TYPE WALL MOUNTED FIRST AID HOSE REEL DRUM

### Technical Specification

- Conforming to : 15:884/1958
- Size: Inlet : 1" Threaded Inlet Connection
- Type : Swinging 180° Wall Mounting
- Outlet : 3/4", 1", 1-1/2" outlet connection for House to accommodate 30 Mtrs. Hose

### Performance Test

- Hydraulic Test : Tested at 21 Kgf /cm<sup>2</sup>
- Range & Water Flow rate test at 7kgf / cm<sup>2</sup>
- (A) Discharge : 24 LPM
- (B) Range (Jet Length) : 6 Mtr. (Min)
- Halogram : Sticker Stuck on Wheel



|                          |   |
|--------------------------|---|
| Hub Sides & Wall Bracket | M.S. Sheet of IS : 513  |
| Swivel Joint             | LBT - 2 of IS : 318   |
| Pipe with Fitting        | Steel of IS : 1239 Part 1   |
| Nozzle                   | IS : 8090   |
| Hose Reel Tubing         | Thermoplastic Hose Confirming To IS :12585<br>Rubber Hose Confirming To IS :444 |

## DOUBLE OUTLET LANDING VALVE

Type "B" ISI Marked

### Technical Specification

- Size : 63 mm
- Inlet : 100 mm NB Flanged
- Outlet : Female Instantaneous
- Material : Gun Metal / Stainless Steel
- Conforming Specification : IS : 5290 : 1993

### Performance Test

- Hydraulic Test : 21 Kgf /cm<sup>2</sup>
- Water Tightness Test : 14 kgf / cm<sup>2</sup>
- Flow Test : 1800 LPM at 7kgf / cm<sup>2</sup>



Gun Metal

Stainless Steel

| Type of Material                 | Gun Metal                 | Stainless Steel           |
|----------------------------------|---------------------------|---------------------------|
| Body, Assembly                   | LTB 2 IS : 318            | Stainless Steel IS : 3444 |
| Valve Spindle                    | Brass Rod IS : 319/ 320   | Stainless Steel IS : 6603 |
| Cast Iron Wheel                  | IS : 210                  | IS : 210                  |
| Rubber Washer                    | IS : 937 (Type - A)       | IS : 937 (Type - A)       |
| Spring                           | Phosphorus Wire IS : 7608 | Stainless Steel IS : 6528 |
| Gland Packing<br>Asbestos Thread | IS : 4687 (Type - 3)      | IS : 4687 (Type - 3)      |

## OBLIQUE TYPE LANDING VALVE

Type "A" ISI Marked

### Technical Specification

- Size : 63 mm
- Inlet : 80 mm NB Flanged
- Outlet : Female Instantaneous
- Conforming Specification : IS : 5290 : 1993

### Performance Test

- Hydraulic Test : 21 Kgf /cm<sup>2</sup>
- Water Tightness Test : 15 kgf / cm<sup>2</sup>
- Flow Test : 900 LPM at 7kgf / cm<sup>2</sup>



Gun Metal

Stainless Steel



Aluminum

| Type of Material                 | Stainless Steel           | Gun Metal                 | Gun Metal                 |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| Body, Assembly                   | Stainless Steel IS : 3444 | LTB 2 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 | Phosphorus Wire IS : 7608 | Stainless Steel IS : 6528 |
| Gland Packing<br>Asbestos Thread | IS : 4687 (Type - 3)      | IS : 4687 (Type - 3)      | IS : 4687 (Type - 3)      |

## AUTOMATIC SPRINKLER

|                           |                      |
|---------------------------|----------------------|
| Temperature Rating        | 155 F / 68 C         |
| Glass Bulb Colour         | Red                  |
| Thread Size               | NPT 1/2" (15 mm dia) |
| Max. Service Pressure     | 175 PSI              |
| Glass Bulb Diameters (mm) | O5                   |



Side Wall Type



Pendent Type



Upright Type

## INSTANTANEOUS MALE / FEMALE TYPE COUPLING

### Technical Specification

- Size : 63 mm
- Material : Stainless Steel / Gun metal / Aluminum Alloy
- Conforming Specification : IS 9003 : 1993

### Performance Test

- Hydraulic Test : Tested at 21 Kgf /cm<sup>2</sup>
- Finish : Natural Polished
- Halogram : Sticker Stuck on Coupling.



Stainless Steel



Gun Metal



Aluminum

| Type of Material | Stainless Steel           | Gun Metal                 | Aluminum                  |
|------------------|---------------------------|---------------------------|---------------------------|
| Body, Assembly   | Stainless Steel IS : 3444 | LTB 2 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 |



## COOL CP HOSE

### Controlled Percolating Hose

**Hose :** Conforming to IS : 8423 / 1994,

**Application :** This hose used for water delivery purpose in fire-Fighting irrigation & floor washing etc.

**Jacket :** Circular woven jacket made from a Special synthetic yarn.

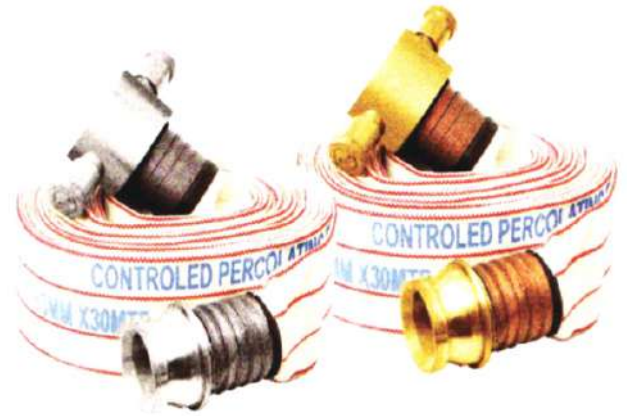
**Rubber Lining :** An ultra thin layer of rubber lining with suitable rubber compound which ensure controlled percolation.

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

**End Connection :** As per customer requirements

#### FEATURES :

Compact, Flexible & Light weight, Low friction loss, Abrasion resistance Ability to withstand high operating & back pressure.



| Diameter<br>MM | Bursting Pressure<br>KCF / CM | Test Proof Pressure<br>KCF / CM | Coil Diameter<br>(30 MTR) CM |
|----------------|-------------------------------|---------------------------------|------------------------------|
| 38             | 35.7                          | 21.4                            | 44- 45                       |
| 50             | 35.7                          | 21.4                            | 44- 45                       |
| 63             | 35.7                          | 21.4                            | 44- 45                       |

## RRL HOSE

### FEATURES

Compact, Flexible & Light weight, Abrasion Resistant, Ability to withstand high operating & back Pressure.

**Conforming to IS :** 636/ 1988

**Application :** This RRL Hose used for water delivery purpose in Fire-Fighting & Civil Engineering Applications etc.

**Jacket :** Circular woven jacket made from a special blend of cotton & synthetic yarn with high abrasion and heat resistance Jacket is also treated with suitable rat proofing agent.

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

**Standard Length :** 15 Mtrs. & 30 Mtrs.



RRL Hose Type A

RRL Hose Type B

## INLET FBC / BREECHING



2 Way Inlet FBC Breaching



3 Way Inlet FBC Breaching



4 Way Inlet FBC Breaching

| Model    | 2 Way Inlet FBC Breaching                | 3 Way Inlet FBC Breaching                | 4 Way Inlet FBC Breaching                |
|----------|--|--|--|
| Size     | 63 mm Dia                                | 63 mm Dia                                | 63 mm Dia                                |
| Material | Gun Metal / SS & Cast Iron Body          | Gun Metal / SS & Cast Iron Body          | Gun Metal / SS & Cast Iron Body          |
| Testing  | Hydraulic Test : 21Kgf / cm <sup>2</sup> | Hydraulic Test : 21Kgf / cm <sup>2</sup> | Hydraulic Test : 21Kgf / cm <sup>2</sup> |

**FIRE ALARM SYSTEM / SIGNAGE**



**FIRE ALARM PANEL**



**ABS HOOTER**



**RESPONSE INDICATOR**



**SMOKE DETECTOR**



**HEAT DETECTOR**



**MCP PUSH  
BUTTON TYPE**



**HOOTER  
CUM FLASHER**



**MS HOOTER**



**MCP BREAK  
GLASS WITH CHAIN**

**SINGLE & DOUBLE HOSE BOX M.S. S.S. F.R.P. FIRE HYDRANT ACCESSORIES**



**M.S.**



**KEY BOX**



**F.R.P.**



**FLEXIBLE SPRINKLER HOSE FITTING**



**DOUBLE DOOR HOSE BOX**



**S.S.**



**CABINET BOX**



**FIRE BUCKET  
WITH STAND**

 FIRE HYDRANT ACCESSORIES



Inlet FBC Breaching Cap



FB - 10X



FB - 5X



Multi Purpose Nozzle



Fog Nozzle



Tripple Purpose Nozzle



Revolving Nozzle



Shut Off Nozzle



Gun Metal Air Release Valve



Fire Man Axe



Fire Hook



Gun Metal Adapter



Sprinkle MV Spray Nozzle



Fire Blanket



Fire Bucket



## FIRE HYDRANT SYSTEM

*Fire Protection  
**Consultancy**  
in Planning Stage  
For Architects &  
Builders*

***Liaise**  
with Fire Depts.  
to obtain  
the Provisional &  
Final Fire NOCs.*

*Fire Fighting  
**System Designing**  
As per NBC Norms,  
Erection, Testing,  
Commissioning & proper  
Handing over with  
Training*

***Fire  
Extinguisher**  
Supply  
Maintenance  
AMC*

***Supply**  
of  
Fire Fighting  
Equipments*

*Fire Fighting  
Training to Employes  
/ Security Personnel  
Systems Operational  
**Training***

***Fire Fighting  
Systems  
Survey**  
Maintenance  
Issue of Form 'B'*

***Fire  
Protection**  
for High Rise  
Buildings*

- Fire Audit
- Fire Alarm, Detection and Fire Suppression System
- NOVEC : 1230
- Fire Suppression System
- FM : 200 Fire Suppression System
- Co2 Fire Suppression System
- Kitchen Fire Suppression System
- Fire Hydrant Systems
- Wet Riser / Down Comer
- Courtyard Fire Hydrant
- Sprinkler System
- Detection System
- System
- Material Supply
- Erection
- Testing
- Commissioning
- Training & Periodic Maintenance  
Fire Protection / Prevention
- Survey
- Issue of Six monthly Certificated  
to comply the provisions of the  
Fire Act.

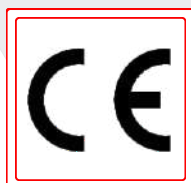
**KEEP YOUR FIRE FIGHTING SYSTEMS/ EQUIPMENT/ EXTINGUISHERS  
ALWAYS WELL MAINTAINED IN GOOD WORKING CONDITION.**

**FIRE PREVENTION & LIFE SAFETY MEASURES ACT 2016**

( Refer Website : [www.kohinoorsafetyervices.in](http://www.kohinoorsafetyervices.in), [www.extinguishers.in](http://www.extinguishers.in) )

Statutory Requirement System Testing & Certificate issued by a Licensed Agency  
to be furnish to the **Chief Fire Officer - Jan./ July Every Year.**

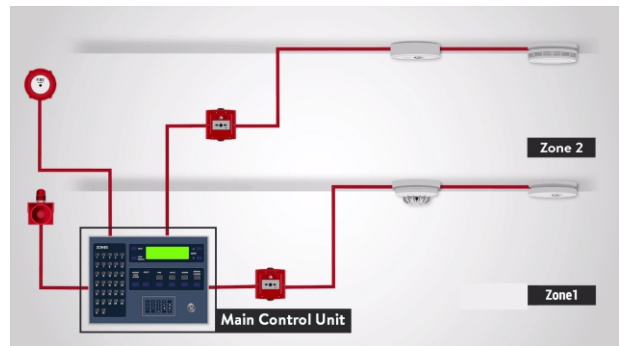
## CERTIFICATIONS



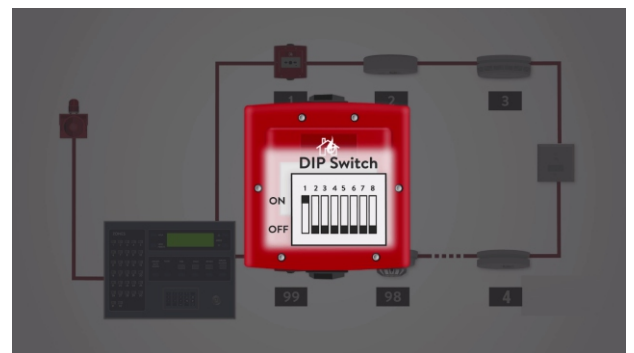
## FIRE ALARM SYSTEM

### *Conventional Fire Alarm System*

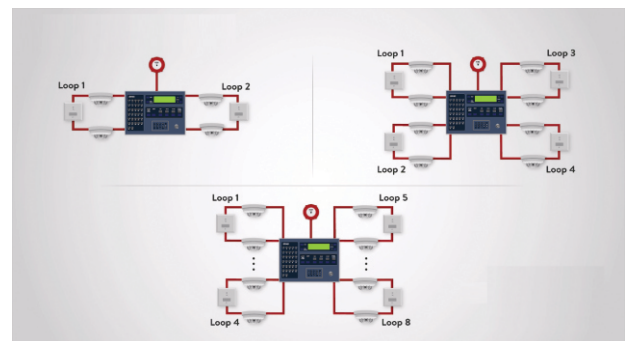
*In a **Conventional Fire Alarm System**, physical cabling is used to interconnect several call points and detectors, the signals from which are wired back to the main control unit.*



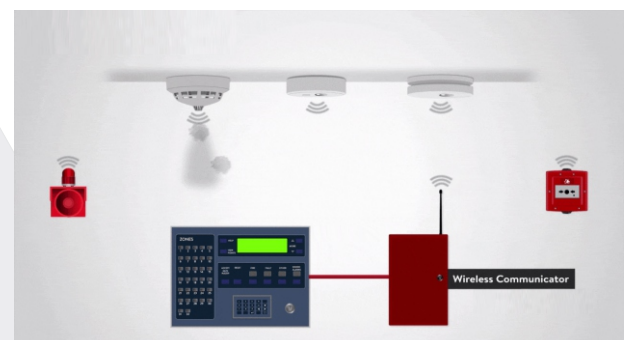
*An **addressable Fire Alarm System**, each detector is given a set Address (usually by means of a dip-switch) and the Control Panel can then determine exactly which detector or call point has initiated the alarm.*



*An **Intelligent Fire Alarm system**, each detector effectively incorporates its own computer which evaluates the environment around it and communicates to the Control Panel whether there is a fire, fault or the detector head needs*



*A **Wireless Fire Alarm System** utilize secure, license-free radio communications to interconnect the sensors and devices with the controllers, without the need for cabling.*



## FIRE HYDRANT SYSTEM



- **Fire hydrant installation** consists of a system of pip work connected directly to the water supply main to provide water to each and every hydrant outlet and is intended to provide water for the firemen to fight a fire. The water is discharged into the fire engine form which it is then pumped and sprayed over fire. Where the water supply is not reliable or inadequate, hydrant pumps should be provided to pressurize the fire mains.
- The pipe network is always under water pressure. When operated for fire extinguishing it will immediate feed water supply & main hydrant pump will be started automatically.
- To meet with minor leakages jockey pump is installed which maintains the pipe net work under pressure. On drop of pre-set water pressure due to leakages or any other reason, jockey will operate automatically & stop at preset pressure.
- On actual fire operation jockey pump being of small capacity cannot maintain the pressure hence main pump will be operated automatically & supply the rated water quantity to the system. The system being automatic immediate water supply will be available from all hydrant post. A typical hydrant installation fed directly from JBA water main and pressurized by fire pumps.



## FIRE CONTROL PANEL

*An advanced, addressable control unit for the largest and most complex facility requirements*

*The addressable control unit that is ideal for mid sized buildings*

*A small facility control panel with the features and benefits of addressability.*

*A conventional control panel for small facilities with straight forward needs*

*A programmable hazard releasing panel in a compact, cost effective package.*



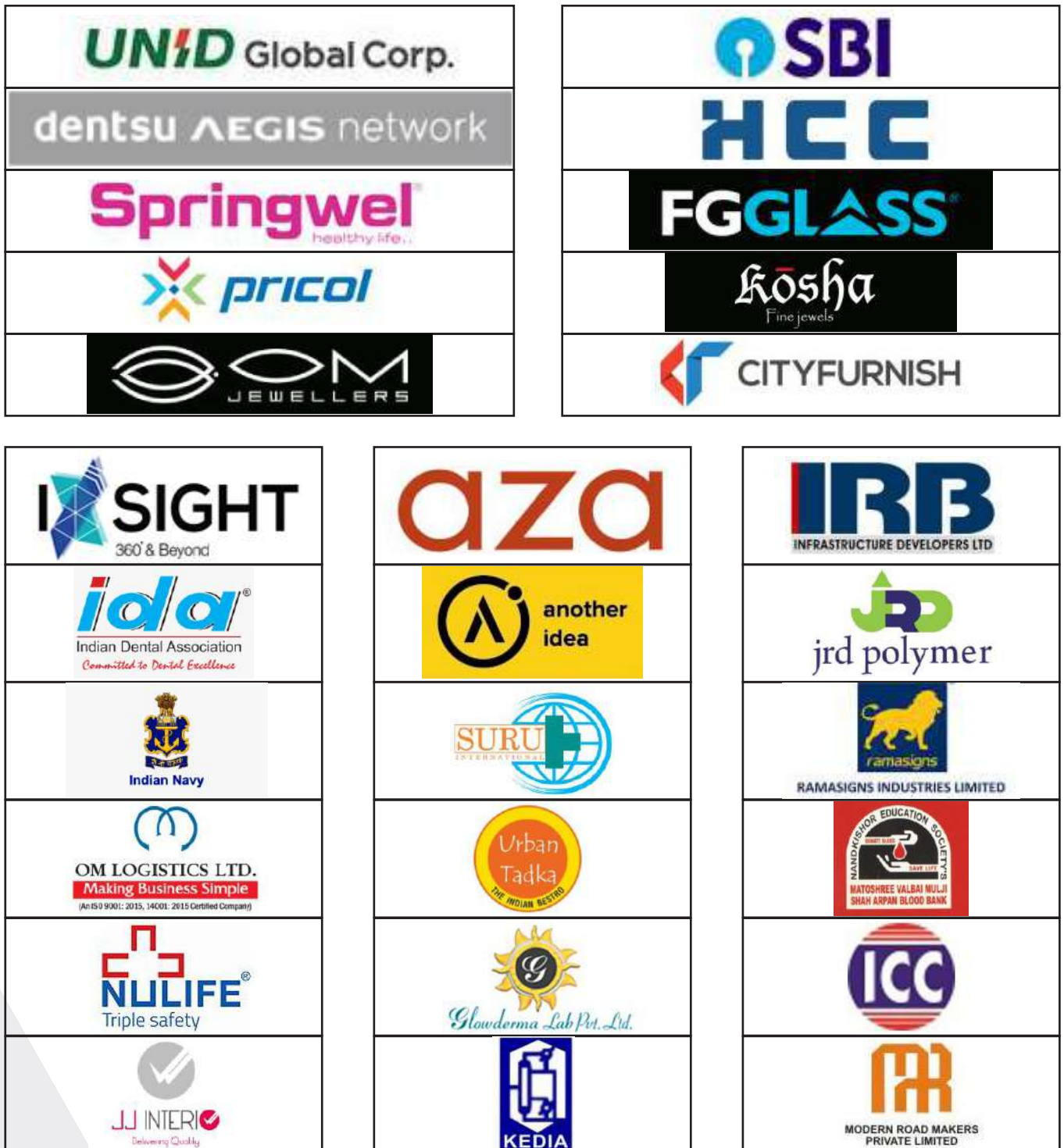
## CONTROL PANEL FOR DIFFERENT SIZED BUILDINGS



## 👉 FIRE SAFETY SIGNAGE



## 👉 OUR VALUABLE CORPORATE CLIENTS



# Pioneering Fire Protection in India

## Fire Has A Plan Do You ?



**KOHINOOR SAFETY SERVICES**

An ISO 9001: 2015 Certified Company

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