



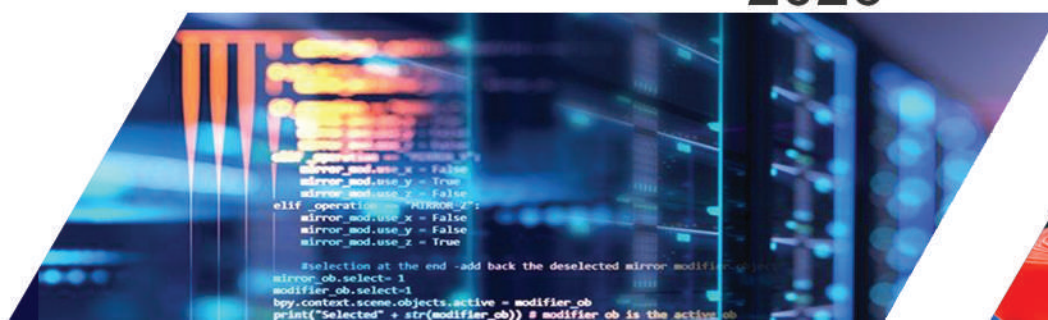
SECURITY & SAFETY  
EQUIPMENT FIXING LLC



# CATALOGUE 2026



WWW.MMJSS.COM





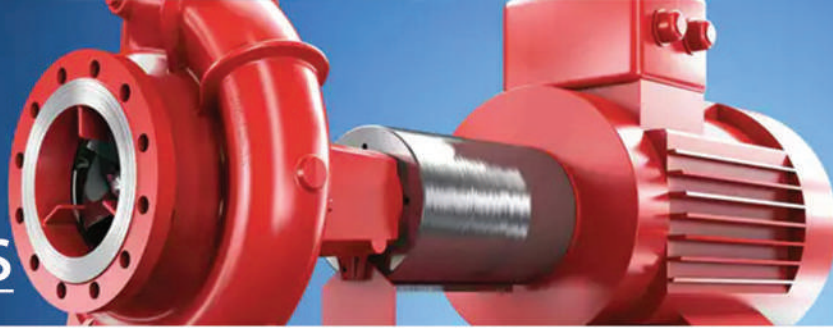
## **ABOUT US**

MMJ Security and Safety is a specialist design and build Fire Protection Company covering all disciplines of fire prevention and detection specialized in the field of Fire and Security Systems. Founded in 2007, by a group of technocrats with rich and varied expertise & experience in the Industry, MMJ has grown to be a premier institution with its head office in Dubai

We are certified to the internationally recognized quality control standard ISO: 9001:2015 with our procedures and systems externally audited every twelve months. Providing world class fire protection for world class structures, no matter how large, is what our clients expect. High rise Buildings, Hotels, Museums; Educational Institutions, Manufacturing Industries are among the unique challenges encountered that require both expertise and creativity.



# OUR SERVICES



## **\* FIRE ALARM SYSTEM**

MMJ Security and Safety (MMJSS) delivers top-tier fire alarm system solutions in Dubai & Sharjah combining expert design, installation, and maintenance to ensure reliable early detection and protection of life and property. With DCD-approved systems and highly skilled technicians, MMJSS provides comprehensive fire alarm services that keep residential, commercial, and industrial facilities safe and compliant.

## **\* FIRE FIGHTING SYSTEM**

MMJSS takes pride in delivering top-notch service in fire fighting systems, ensuring safety, reliability, and compliance at every stage. With expert technicians, advanced equipment, and a strong focus on quality, we provide comprehensive solutions — from installation to maintenance — that protect lives and property with unmatched efficiency.

## **\* EMERGENCY AND EXIT LIGHT SYSTEM**

MMJ Security and Safety Equipment Fixing LLC (MMJSS) delivers top-tier fire emergency and exit light system solutions, including Central Battery Systems (CBS), advanced monitoring capabilities, and self-contained units, ensuring every facility remains safe, visible, and fully compliant with UAE Fire and Life Safety regulations. With DCD-approved emergency and exit lighting, professional maintenance teams, and a strong track record across commercial, residential, and industrial projects, MMJSS consistently provides reliable, high-quality service that supports rapid, safe evacuation when it matters most.

## **\* PAVA SYSTEM**

MMJ Security and Safety Equipment Fixing LLC (MMJSS) proudly provides comprehensive PAVA (Public Address and Voice Alarm) system services, including expert design, installation, testing, commissioning, and maintenance. As a Dubai-based specialist approved as an 'A' Category Contractor by Dubai Civil Defence (DCD) and Sharjah Civil Defence (SCD), MMJSS ensures reliable voice evacuation solutions compliant with standards like BS5839 Pt8 and EN54-16 for critical safety in commercial and industrial settings. These services deliver clear, intelligible emergency communications to protect lives during evacuations.





## FIRE ALARM CONTROL PANEL ANALOGUE-ADDRESSABLE SYSTEMS



### **Previdia Ultra control panels with integrated EVAC system**

Modular control panels with Voice Evacuation and Public Address functions



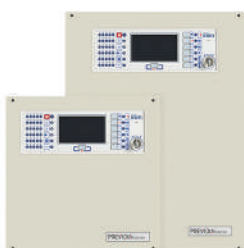
### **Previdia Max modular control panel**

MAnologue addressed control panel, FPM and IFM modules and accessories



### **Previdia Compact control panel**

Analogue control panel



### **Previdia Micro control panels**

Conventional control panel for fire detection, gas and extinguishing systems



### **Software**

Previdia control panel Software



## FIRE ALARM SYSTEM

### Enea Line - Detectors and accessories



ENEA series detectors, as a result of advanced technologies based on new-generation microprocessors, represent the most advanced technology that fire detection equipment can offer today.

They provide a vast spectrum of options and flexible functions, all configurable from the control panel (Versa++ technology). ENEA series detectors are capable of implementing a sophisticated set of algorithms, custom created by Inim's R&D professionals, which ensure unequalled reliability and the highest immunity to false alarms.

In addition, the ENEA Line is composed of various accessories for the use of the Detectors, not only but also accessories for optical and acoustic signaling



#### ED100

##### Optical smoke detector

The ED100 optical smoke detector is based on the Tyndall effect (diffusion of light) and provides first-rate early warning in the event of fire.

It offers wide-spectrum detection of smoke particles generated by the majority of fires. The newly designed optical chamber with sealed upper-part and 500 µm holes diameter mesh insect screen ensure high immunity to false alarms.

The sensitivity can be configured to suit a wide range of applications (sensitivity configurable as: 0.08dB/m; 0.10dB/m; 0.12dB/m; 0.15dB/m).



#### ED200

##### Heat detector

The ED200 heat detector can be configured in the following modes: A1R mode (fixed threshold at 58°C with thermovelocimetric detection); B mode (fixed threshold at 72°C); A2S mode (fixed threshold at 58°C); BR mode (fixed threshold at 72°C with thermovelocimetric detection).

As a result of high flexibility, this detector is useful in places where the environment is dusty or smoky and the risk of false alarms is high.



#### ED300

##### Smoke and Heat detector

The ED300 smoke and heat detector has new smoke and temperature sensing technologies. As a result, this improved reliability detector responds well to all types of fires (especially to fast burning blazing fires involving inflammable liquids, which produce a limited amount of smoke) and is highly immune to false alarms.

The ED300 can be set to the sensitivity mode which best suits the application:

**Plus Mode** (set at factory): the detector will trigger an alarm when the measured values exceed the set smoke threshold (configurable as per the ED100), or when the measured values exceed the set heat threshold (configurable as per the ED200). Furthermore, in the event of a rise in temperature, the smoke detection sensitivity will be taken to the maximum value. This operating mode, characterized by high sensitivity allows detection of fast burning blazing fires (for example, fires involving inflammable liquids such as alcohol)

**OR Mode:** the detector will trigger an alarm when the measured values exceed the set smoke threshold (configurable as per the ED100), or when the measured values exceed the set heat threshold (configurable as per the ED200). This operating mode, characterized by discrete sensitivity analysis, allows the detector to sense fires with a high emission of smoke and low heat output (for



EB0010, EB0020, EB0030, EB0040, EB0050, EB0060  
DD001, EB0040H

#### EB0010

##### Detector base

Detector base accommodates IRIS and ENEA series detectors, equipped with short-circuit plate which ensures continuity in the event of removal of the detector from the line.

#### EB0020

##### Relay base

Relay base with a single relay which activates when the detector senses an alarm. The relay base allows you to interface the detector with intrusion control panels in domestic applications.

#### EB0030

##### Deep base

Mounting base for Enea and Iris detectors with pipes entry, 4 knock out for 16mm pipes. It is installed under the detector base, h 34 mm.

#### EB0040

Base with watertight protection against falling water drops. Base protected against dripping water when tilted up to 15 degrees max.

#### EB0050

Spacer for EB0010 Mounting base, Spacer for EB0010 Mounting base, create a 10mm GAP under detector's base for cable entry.

#### B0060

Mounted base with integrate buzzer driven by "R" output.

#### DD001

##### Cap for covering detector bases

This is a cover for unused detectors: it attaches to Inim detector bases, restores line continuity and provides a discrete aesthetic semblance. Ideal for those applications where bases are installed for the future addition of detectors.

#### EB0040H

2W heater for EB0040 bases



**Visual/Audible fire signalling devices**  
**Sounders, bells, flashers and fire signs**  
**for analogue addressable control panels**



**ES1000, IS1000**  
 Addressable ceiling mount  
 audible/visual-audible alarm indicator



**ES2000, IS2000**  
 Addressable wall mount  
 audible/visual-audible alarm indicator



**ES2000, ISB1000**  
 Addressable bases with  
 audible/visual-audible alarm indicator  
 (tones and messages selectable via the control panel)



**ISS021, ISS022, ESS021, ESS022**  
 Audible/Visual Alarm Sign



**ISC010E, ISC010**  
 6" bell for outdoor use



**IS0120**  
 Conventional Visual  
 Sounder alarm indicator



**Smarty**  
 Indoor sounder



**PLEXI\_ES2000**  
 Signalling sign with hole for  
 sounder installation

## Loudspeakers for EVAC systems

EN54-24 certified loudspeakers for EVAC and sound diffusion systems



### Wall loudspeakers

SPI-W56100, SPI-W420200, SPI-W520200  
 SPI-W640200, WAC 165/6 PP1, WA 06-165/T-EN54  
 WAL 165/6 PP, WAQ 130/6 PP



### Ceiling loudspeakers

SPI-C56100, SPI-C66100, SPI-CB10100  
 DAL 165/10 PP, DAL 185/8 PP, DELF 185/6 PP  
 DL 06-77/T-EN54, DL-E 06-130/T-ENSA SAPE  
 DL-E 06-165/T-EN54 SAFE, DL-E 10-165/T-EN54 SAFE



### Sound projector

SP-DP40110, SPI-P620100, SPL-P620110  
 DA-P 10-200/T-EN54, DA-520-130/T-EN54  
 DAD 260/10 PP, DAW 130/10 PP, DAW 130/20 PP  
 DAW-K 130/10 PP, DAW-K 130/20 PP



### Horn loudspeakers

DIK 10/T-EN54-PG  
 DK 13/T-EN54-PG  
 30/T-EN54-PG



### Column loudspeakers

TSU 300/10 PP  
 TSU 500/20 PP  
 TSU 700/30 PP  
 TSU 1000/50 PP



### Wall music loudspeakers

MS 15-100/T-EN54  
 MS 30-135/T-EN54  
 MS 50-165/T-EN54

# MCP PROTECTION COVER

## FS-1000-PC ,FS-3000-PC



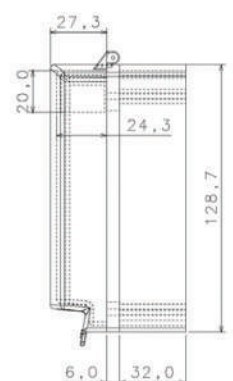
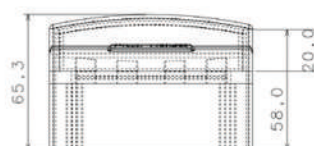
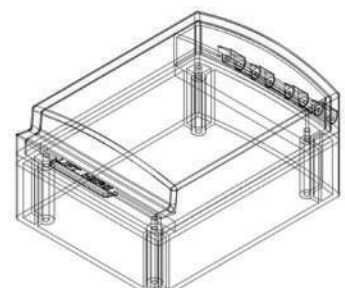
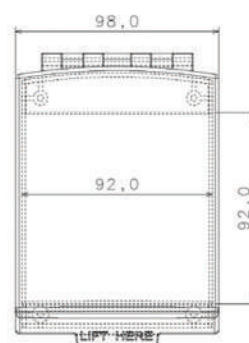
The range of Fire Alarm Call Point Covers or Universal Stopper Enclosures have been designed to significantly reduce false and malicious fire alarms set off around your building. Whether you are a school, college, university, business or any other building that is open to the public, this new low-profile fire alarm call point cover can be fitted over the top of the existing red break glass unit.

Universal-Stopper is a tough polycarbonate hinged protective cover that can easily be installed over a range of call points, emergency switches and other devices to provide protection from vandalism, accidental damage or misuse.

## SAFETY PROTECTION COVER/ ENCLOSURE FOR MCP/ EXIT BUTTONS/ ABORT SWITCHES

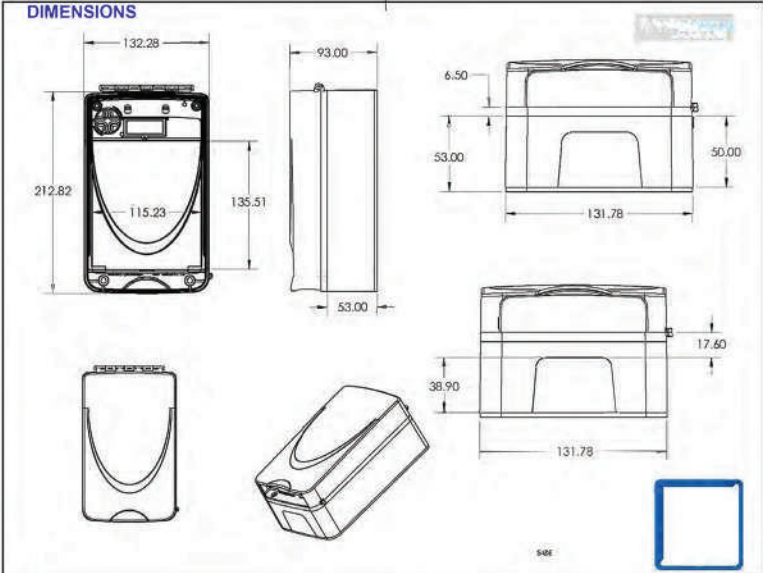
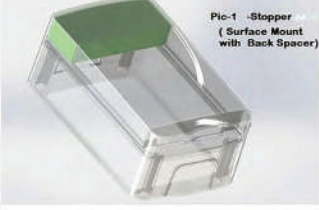
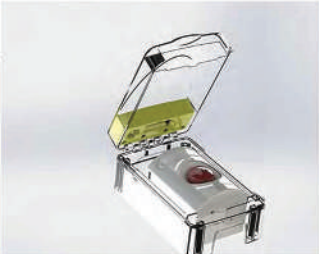
- Features that set the break glass call point cover apart:
- Aesthetically pleasing but tough retrofitable protective cover
- Easy to install and can be fitted and protecting devices in minutes
- Physical Barrier prevents anyone accidentally or intentionally leaning against break glass device
- Easy to fit you do not have to remove the break glass unit
- Compact self contained hinge - smooth opening action
- Highly durable 3 mm thick polycarbonate will not shatter at all, and will withstand the severest of knocks
- Curved corners to ensure passers-by are not injured from mistakenly walking into product
- In line with local codes of (Fire Safety), the majority of this cover is clear, to enable people to see break glass unit in the event of a fire or emergency
- Simply attached using four button head screws and wall plugs provided
- Colour coded band to help staff and visitors identify it is covering a break glass unit
- Polycarbonate!
- Three year guarantee against breakage of polycarbonate in normal use along one year on electromechanical and electronic components
- Optional battery powered 90 dB alarm can be fitted increasing the security and protection of the device it is covering
- A break seal can also be fitted to increase the visible deterrence against misus
- Available in 5 colours: red, green, yellow, blue and white

## Multi-colour Housing Options



# MCP PROTECTION COVER

## FS-1000-PC ,FS-3000-PC



**INSTALLATION**

| ITEM NO. | PART NUMBER             | remark | QTY. |
|----------|-------------------------|--------|------|
| 1        | Battery box back cover  |        | 1    |
| 2        | Battery cover           |        | 1    |
| 3        | Battery box front cover |        | 1    |
| 4        | spacer                  |        | 1    |
| 5        | Side cover              |        | 1    |
| 6        | Side cover              |        | 1    |
| 7        | Gasket                  |        | 1    |
| 8        | Base                    |        | 1    |
| 9        | Front cover             |        | 1    |

# EMERGENCY LIGHT

## EmCEL 12M-U

### IP65 WEATHERPROOF LED COMPACT EMERGENCY LIGHT

#### Features and Application

\*Self-contained LED emergency light with new slim and lightweight design.

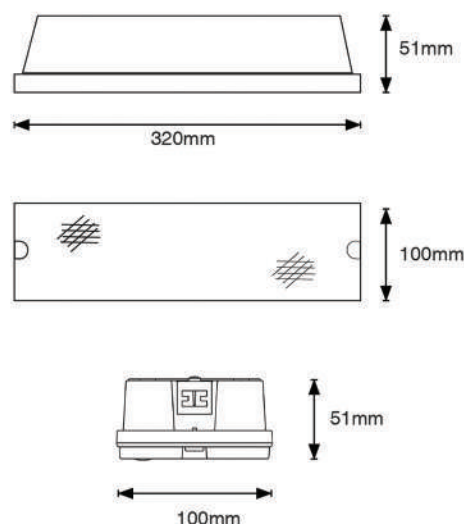
\*Easy installation with optional recess mounting spring clips included. LED lamps provide high efficiency, durability and low energy consumption.

\*Weatherproof IP65 rated TÜV SÜD PSB certified, ideal for outdoor installations in dusty, humid and corrosive environments including car parks, loading bays, workshops, laboratories and corridor areas.



#### Technical Data

|                             |                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------|
| Mode of Operation           | Maintained                                                                        |
| Lamp                        | Samsung 2W High flux white LED                                                    |
| Operating Temperature       | ta 0°C ~ 50°C                                                                     |
| Mains Supply                | 230V AC 50Hz/60Hz                                                                 |
| Power Consumption during AC | < 4W                                                                              |
| Battery                     | High temperature Ni-Cd battery                                                    |
| Charger                     | Fully automatic                                                                   |
| Charging Monitor            | Green LED                                                                         |
| Recharge Period             | 24 hours                                                                          |
| Testing Facility            | Push button for independent testing                                               |
| Emergency Duration          | 3 hours                                                                           |
| Safety Feature              | Low-voltage cut-off to prevent over-discharge of battery                          |
| Construction                | Injection moulded fire retardant polycarbonate housing with clear reeded diffuser |
| Weight (Nett/Gross)         | 0.55 kg / 0.75 kg                                                                 |
| Compliance                  | EN 60598-2-22:2014                                                                |
| Installation                | Ceiling, wall or recessed mounting                                                |
| Cable Entry                 | 3 x 20mm Ø knockout hole                                                          |
| IP Rating                   | IP65 rated TÜV SÜD PSB certified*                                                 |
| Warranty                    | 1 year                                                                            |



#### Remarks

\* For Weatherproof (IP65) installation, a cable gland (PG9 to PG13.5) is required for the AC incoming cable entry to ensure IP65 rating.

# EMERGENCY LIGHT

## EmLED-12NM-U

### EASI LED RECESSED EMERGENCY LIGHT



## Features and Benefits



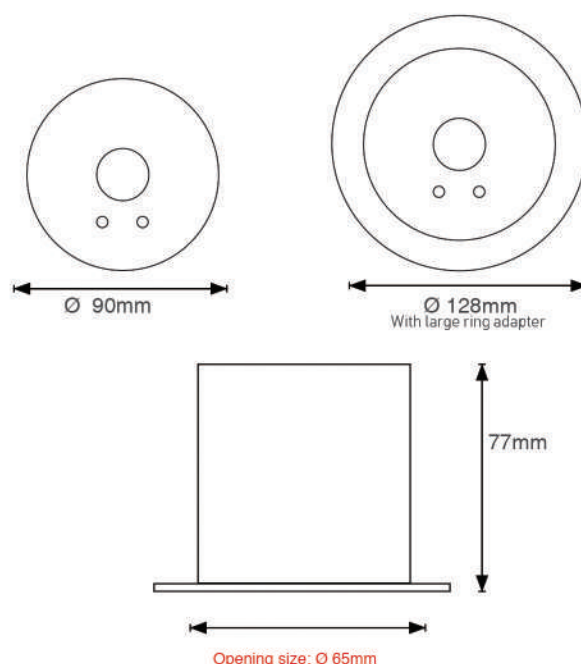
Compact all-in-one, self-contained LED emergency light designed for easy and quick recessed installation on ceiling.

Includes an optional large ring adapter.  
Suitable for various indoor environments such as retail, commercial, hospitality and healthcare industries.

LED lamps provide high efficiency, durability and low energy consumption.

## Technical Data

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Mode of Operation     | Non-maintained                                           |
| Lamp                  | Samsung 2W High flux white LED                           |
| Operating Temperature | ta 0°C ~ 50°C                                            |
| Mains Supply          | 230V AC 50Hz/60Hz                                        |
| Power Consumption     | < 1W                                                     |
| Battery               | Hi temperature Ni-Cd battery                             |
| Charger               | Fully automatic                                          |
| Charging Monitor      | Green LED                                                |
| Recharge Period       | 24 hours                                                 |
| Testing Facility      | Test-switch for independent testing                      |
| Emergency Duration    | 3 hours                                                  |
| Safety Feature        | Low-voltage cut-off to prevent over-discharge of battery |
| Construction          | Injection moulded fire retardant polycarbonate           |
| Weight (Nett/Gross)   | 0.20 kg / 0.28 kg                                        |
| Compliance            | EN 60598-2-22:2014                                       |
| Installation          | Recessed mount                                           |
| IP Rating             | IP20                                                     |
| Warranty              | 1 year                                                   |



## Ordering Information

| MODEL        | LAMP                           |
|--------------|--------------------------------|
| EmLED-12NM-U | Samsung 2W High flux white LED |

# EmFLEX 1602M-U/RM-U Series SLIM FLEX LED EMERGENCY EXIT SIGN



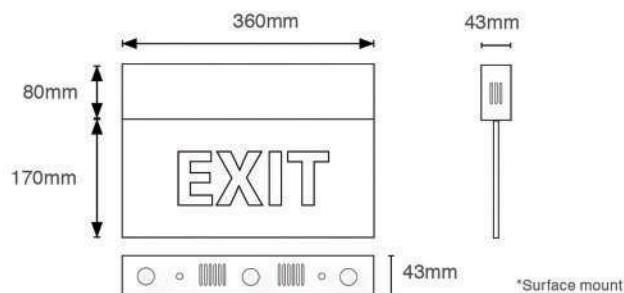
## Features and Benefits

- New slim housing LED emergency exit signs with option for Exit or Running Man signage.
- Designed for easy installation and maintenance.
- Optional recess plate and bracket available.
- Samsung LED lamps provide high efficiency, durability and low energy consumption.



## Technical Data

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Mode of Operation     | Maintained                                                       |
| Lamp                  | Samsung 2W High flux white LED                                   |
| Operating Temperature | ta 0°C ~ 50°C                                                    |
| Mains Supply          | 230V AC 50Hz/60Hz                                                |
| Power Consumption     | < 4W                                                             |
| Battery               | High temperature Ni-Cd battery                                   |
| Charger               | Fully automatic                                                  |
| Charging Monitor      | Ø 5mm green LED                                                  |
| Recharge Period       | 24 hours                                                         |
| Testing Facility      | Test-switch for independent testing                              |
| Emergency Duration    | 3 hours                                                          |
| Safety Feature        | Low-voltage cut-off to prevent over-discharge of battery         |
| Construction          | Electro-galvanised steel casing with epoxy powder coating        |
| Weight (Nett/Gross)   | 1.2 kg / 1.4 kg                                                  |
| Compliance            | SS 563-1:2010<br>SS 563-2:2010/A1:2013<br>SS IEC 60598-2-22:2016 |
| Installation          | Ceiling, wall or pendant mounting                                |
| Cable Entry           | 3 x 20mm Ø knockout hole                                         |
| IP Rating             | IP20                                                             |
| Legend                | White text/graphical symbol over ISO green background            |
| Viewing Distance      | 32 m                                                             |
| Warranty              | 1 year                                                           |



## Ordering Information

| MODEL                                         | LEGEND         | MODEL                                              | LEGEND |
|-----------------------------------------------|----------------|----------------------------------------------------|--------|
| EmEX 1602M                                    | EXIT           | EmEX 1602RM                                        |        |
| EmEX 1602M-E                                  | ←EXIT          | EmEX 1602RM-E                                      | ←      |
| EmEX 1602M-T                                  | EXIT→          | EmEX 1602RM-T                                      | →      |
| EmEX 1602M-D<br>(Double-sided with arrow)     | EXIT→<br>←EXIT | EmEX 1602RM-D<br>(Double-sided)                    | →<br>← |
| EmEX 1602M-DX<br>(Double-sided without arrow) | EXIT<br>EXIT   | EmEX 1602RM-D-AD<br>(Double-sided with arrow down) | ↓<br>↓ |
| EmEX 1602RM-AD                                | ↓              | EmEX 1602RM-D-AU<br>(Double-sided with arrow up)   | ↑<br>↑ |
| EmEX 1602RM-AU                                | ↑              | EmEX 1602RM-DX<br>(Double-sided without arrow)     | <br>   |



# PORTABLE -FIRE EXTINGUISHER



| Model          | GA-0011  | GA-0013   | GA-0015    | GA-0016    | GA-0017    |
|----------------|----------|-----------|------------|------------|------------|
| Capacity       | 1Kg      | 2Kg       | 4Kg        | 6Kg        | 9Kg        |
| Fire Rating    | BA 34B C | 13A 89B C | 27A 183B C | 43A 233B C | 55A 233B C |
| Discharge Time | 8s       | 10s       | 17s        | 17s        | 22s        |

## Features

- \* Manufacturing as per standard BS EN3
- \* Highly effective on class A, B, C & Electrical fires
- \* Cylinders are 100% factory tested to 30 bar
- \* Squeeze grip valve for comfortable operation



# FIRE VALVES



## GATE VALVES NON-RISING STEM (NRS)



### Description

OS&Y Gate Valves are made with built-in safety as a primary detail. The wedge of the gate valves is made from rubber compound that is vulcanized. Due to which the durability is unquestionable as the rubber can regain its original shape. The OS&Y Gate Valve features a stuffing box seal system along with corrosion protection. The sturdy wedge along with double bonding vulcanization affirms the reliability of the valve.

### Technical Specifications

|                  |                                                      |
|------------------|------------------------------------------------------|
| Brand            | SIBCA                                                |
| Approval         | UL Listed / FM Approved                              |
| Design Standard  | UL 1091                                              |
| Working Pressure | 200 / 250 / 300 PSI                                  |
| Flange Ends      | ANSI B16.1 Class125/150/250, EN1092-2 PN10/PN16/PN25 |

## BUTTERFLY VALVE WAFER



### Technical Specifications

|                  |                                                      |
|------------------|------------------------------------------------------|
| Brand            | SIBCA                                                |
| Approval         | UL Listed / FM Approved                              |
| Design Standard  | UL 1091                                              |
| Working Pressure | 200 / 250 / 300 PSI                                  |
| Flange Ends      | ANSI B16.1 Class125/150/250, EN1092-2 PN10/PN16/PN25 |

### General Technical Information

| Model   | Size                          | Pressure Rating     | End Configuration |
|---------|-------------------------------|---------------------|-------------------|
| GN-0387 | 2-1/2, 3, 4, 5, 6, 8, 10, 12" | 200 / 250 / 300 PSI | Wafer             |

### Material Specifications

| Part Name           | Material                 | Specification       |
|---------------------|--------------------------|---------------------|
| Body                | Ductile Iron             | ASTM A536 65-45-12  |
| Disc                | Ductile Iron EPDM Coated | ASTM B62 CR3600     |
| Upper & Lower Stems | Stainless Steel          | AISI 410            |
| Worm Gear Shaft     | Stainless Steel          | AISI 410            |
| Housing             | Cast Iron                | A126 B              |
| Handwheel           | Ductile Iron             | ASTM A536 65-45-12B |
| O-rings             | EPDM Grade E             |                     |

## BUTTERFLY VALVE GROOVE



### Technical Specifications

|                  |                                         |
|------------------|-----------------------------------------|
| Brand            | SIBCA                                   |
| Approval         | UL Listed / FM Approved                 |
| Design Standard  | UL 1091                                 |
| Working Pressure | 200 / 250 / 300 PSI                     |
| Connection Ends  | AWWA C606 / GB/T 8266, VDS2100/AS2638.2 |

### General Technical Information

| Model   | Size                                                       | Pressure Rating     | End Configuration |
|---------|------------------------------------------------------------|---------------------|-------------------|
| GN-0383 | 2, 2 1/2"                                                  | 175 PSI             | Groove            |
| GN-0385 | 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12" | 200 / 250 / 300 PSI | Groove            |

### Material Specifications

| Part Name           | Material          | Specification       |
|---------------------|-------------------|---------------------|
| Body                | Ductile Iron      | ASTM A536 65-45-12  |
| Disc                | Ductile Iron EPDM | ASTM B62 CR3600     |
| Upper & Lower Stems | Stainless Steel   | AISI 410            |
| Worm Gear Shaft     | Stainless Steel   | AISI 410            |
| Housing             | Cast Iron         | A126 B              |
| Handwheel           | Ductile Iron      | ASTM A536 65-45-12B |
| O-rings             | EPDM Grade E      |                     |

## SWING CHECK VALVES GROOVE



### Technical Specifications

|                       |                              |
|-----------------------|------------------------------|
| Brand                 | SIBCA                        |
| Approval              | UL Listed / FM Approved      |
| Design Standard       | UL 312                       |
| Working Pressure      | 200 / 250 / 300 / 365 PSI    |
| Connection Ends       | AWWA C 606, VDS2100/AS2638.2 |
| Valve Seat Facing     | Elastomeric                  |
| Installation Position | Horizontal, Vertical         |

### General Technical Information

| Model   | Size                           | Pressure Rating | End Configuration |
|---------|--------------------------------|-----------------|-------------------|
| GN-0390 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 200 PSI         | Groove x Groove   |
| GN-0391 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 250 PSI         | Groove x Groove   |
| GN-0392 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 300 PSI         | Groove x Groove   |
| GN-0393 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 365 PSI         | Groove x Groove   |

## BUTTERFLY VALVE LUG



### Technical Specifications

|                  |                                        |
|------------------|----------------------------------------|
| Brand            | SIBCA                                  |
| Approval         | UL Listed / FM Approved                |
| Design Standard  | UL 1091                                |
| Working Pressure | 200 / 250 / 300 PSI                    |
| Flange Ends      | ANSI B16.1 Class125/150, EN1092-2 PN16 |

### General Technical Information

| Model   | Size                          | Pressure Rating     | End Configuration |
|---------|-------------------------------|---------------------|-------------------|
| GN-0386 | 2-1/2, 3, 4, 5, 6, 8, 10, 12" | 200 / 250 / 300 PSI | Lug               |

### Material Specifications

| Part Name           | Material          | Specification       |
|---------------------|-------------------|---------------------|
| Body                | Ductile Iron      | ASTM A536 65-45-12  |
| Disc                | Ductile Iron EPDM | ASTM B62 CR3600     |
| Upper & Lower Stems | Stainless Steel   | AISI 410            |
| Worm Gear Shaft     | Stainless Steel   | AISI 410            |
| Housing             | Cast Iron         | A126 B              |
| Handwheel           | Ductile Iron      | ASTM A536 65-45-12B |
| O-rings             | EPDM Grade E      |                     |

## VALVES CHECK



### Description

Check valves are very suitable for use in fire protection systems like sprinkler systems, fire pump systems, etc. The provided internal spring makes the disc operation smooth and provides a non-slam closure.

### Technical Specifications

|                       |                              |
|-----------------------|------------------------------|
| Brand                 | SIBCA                        |
| Approval              | UL Listed / FM Approved      |
| Design Standard       | UL 312                       |
| Working Pressure      | 200 / 250 / 300 / 365 PSI    |
| Connection Ends       | AWWA C 606, VDS2100/AS2638.2 |
| Valve Seat Facing     | Elastomeric                  |
| Installation Position | Horizontal, Vertical         |

### General Technical Information

| Model   | Size                           | Pressure Rating | End Configuration |
|---------|--------------------------------|-----------------|-------------------|
| GN-0390 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 200 PSI         | Groove x Groove   |
| GN-0391 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 250 PSI         | Groove x Groove   |
| GN-0392 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 300 PSI         | Groove x Groove   |
| GN-0393 | 2, 2.5, 3, 4, 5, 6, 8, 10, 12" | 365 PSI         | Groove x Groove   |



Wet Alarm Valve



Foam Bladder



Fire Hydrants

The wet alarm valve is designed for applications where the water is unlikely to freeze. The water staying pressurized in the pipes is released over the fire area after the sprinkler is activated due to fire. The pressurized water system is not only feed continuously, but also fills in the retard chamber. After the chamber is filled, the pressure switch on the chamber is actuated. The pressure switch sends the alarm information to the fire warning system or the automation system. After the pressure switch is actuated, the water is delivered to the water-motor gong and releases a mechanical alarm. They are used in wet line of sprinkler system, fire protection system.

SIBCA's Foam Bladder Tanks are sturdy steel vessels designed to store, mix and deliver foam agents precisely and automatically while minimizing waste. Using water pressure to create pressure, the foam agent is effectively released from the tank. Certified to global standards, these tanks come in vertical and horizontal options to meet various needs. Made from durable stainless steel or metal alloy, they can be resized to match specific requirements. Covered with protective paint, they withstand harsh weather and maintain peak performance in challenging conditions.

Presenting SIBCA's fire hydrants that are made with the best quality of materials and tested to optimum capacity to ensure that it meets requirements and efficient. They are designed to be sturdy and reliable for use in various locations. To withstand different weather conditions, they are weatherproof. Each hydrant comes with a set of accessories like hoses, nozzles, wrenches, and lights that meet the specific needs of each customer.

1. SIBCA's UL/FM-certified Dry Barrel Fire Hydrant provides exceptional performance and sets the benchmark for firefighting equipment.
2. The UL/FM-approved Wet Barrel Fire Hydrant ensures unwavering reliability in emergencies, giving you confidence when it's needed most.

Trust SIBCA for top-notch fire hydrants that safeguard your property during emergencies.

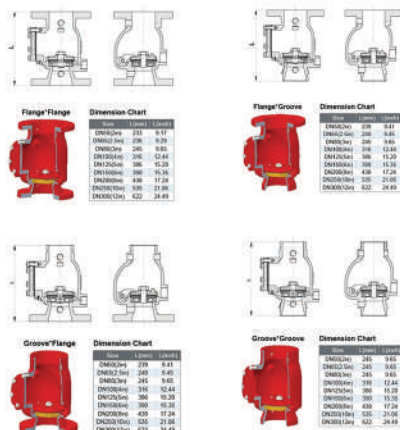
## WET ALARM VALVE



### Technical Specifications

| Model                  | GI-0461                                                                                   | GI-0462 | GI-0463          | GI-0464          |
|------------------------|-------------------------------------------------------------------------------------------|---------|------------------|------------------|
| Brand                  | SIBCA                                                                                     |         |                  |                  |
| Approval               | UL Listed                                                                                 |         |                  |                  |
| Design Standard        | UL 193                                                                                    |         |                  |                  |
| Body Type              | Globe                                                                                     |         |                  |                  |
| Maximum Rated Pressure | 300 PSI                                                                                   |         |                  |                  |
| Working Temperature    | 4°C - 70°C                                                                                |         |                  |                  |
| End Configuration      | Groove                                                                                    | Flange  | Flange by Groove | Groove by Flange |
| Flange Standard        | ASME/ANSI B16.1 Class 125, ASME/ANSI B16.42 Class 150, BS EN2-1092 PN16, BS EN2-1092 PN16 |         |                  |                  |
| Groove Standard        | AWWA C606/ISO 12-6182                                                                     |         |                  |                  |
| Installation           | Vertical                                                                                  |         |                  |                  |

### Dimensions



## FOAM BLADDER TYPE - HORIZONTAL



### Technical Specifications

| Model                         | Horizontal Bladder Tank                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Brand                         | SIBCA                                                                                                                    |
| Approval                      | UL Listed (EEX9159)                                                                                                      |
| Design Code (Foam Vessel)     | ASME SEC.VIII DIV.1                                                                                                      |
| Nominal Capacity              | 200-20,000 (52.8-5,280 Gallons)                                                                                          |
| Mounting                      | Horizontal on Suitable Supports (2 Nos.)                                                                                 |
| Service                       | Free Water / Foam Concentrate                                                                                            |
| Rated Pressure                | 12.0 Bar                                                                                                                 |
| Service Temperature           | 49°C (Maximum)                                                                                                           |
| Design Temperature            | -20°C to 80°C                                                                                                            |
| Type of Draft End             | 2:1 Ellipsoidal                                                                                                          |
| Hydraulic Test Pressure       | 18 Bar for 30 minutes                                                                                                    |
| Foam Proportioning Ratio      | 50:1 NB, 80:1 NB, 100:1 NB, 150:1 NB & 200:1 NB                                                                          |
| Foam Proportioning Flow Range | 50 NB: 75-1,000 LPM / 80 NB: 200-3,000 LPM / 100 NB: 400-4,200 LPM / 150 NB: 1,000-11,150 LPM / 200 NB: 3,000-36,300 LPM |
| Foam Concentrate              | Aqueous Film Forming Foam (AFFF)                                                                                         |
| Foam Proportioning Ratio      | 3% (+0.5%/-0)                                                                                                            |
| Internal Coating              | Coal Tar Epoxy                                                                                                           |
| External Coating              | Powder Free Red to Shade RAL 3000 (Total External DFT: 190-260 MIC, DFT)                                                 |

## FOAM BLADDER TYPE - VERTICAL



### Technical Specifications

| Model                         | Vertical Bladder Tank                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Brand                         | SIBCA                                                                                                                    |
| Approval                      | UL Listed (EEX9159)                                                                                                      |
| Design Code (Foam Vessel)     | ASME SEC.VIII DIV.1                                                                                                      |
| Nominal Capacity              | 95-15,000 (25-3,962 Gallons)                                                                                             |
| Mounting                      | Vertical on Leg Supports (4 Nos.)                                                                                        |
| Service                       | Free Water / Foam Concentrate                                                                                            |
| Rated Pressure                | 12.0 Bar                                                                                                                 |
| Service Temperature           | 49°C (Maximum)                                                                                                           |
| Design Temperature            | -20°C to 80°C                                                                                                            |
| Type of Draft End             | 2:1 Ellipsoidal                                                                                                          |
| Hydraulic Test Pressure       | 18 Bar for 30 minutes                                                                                                    |
| Foam Proportioning Ratio      | 50:1 NB, 80:1 NB, 100:1 NB, 150:1 NB & 200:1 NB                                                                          |
| Foam Proportioning Flow Range | 50 NB: 75-1,000 LPM / 80 NB: 200-3,000 LPM / 100 NB: 400-4,200 LPM / 150 NB: 1,000-11,150 LPM / 200 NB: 3,000-36,300 LPM |
| Foam Concentrate              | Aqueous Film Forming Foam (AFFF)                                                                                         |
| Foam Proportioning Ratio      | 3% (+0.5%/-0)                                                                                                            |
| Internal Coating              | Coal Tar Epoxy                                                                                                           |
| External Coating              | Powder Free Red to Shade RAL 3000 (Total External DFT: 190-260 MIC, DFT)                                                 |

## FIRE HYDRANT WET BARREL



### Technical Specifications

| Model                       | GE-0201                                     | GE-0201A | GE-0202 | GE-0202A |
|-----------------------------|---------------------------------------------|----------|---------|----------|
| Brand                       | SIBCA                                       |          |         |          |
| Approval                    | UL Listed / FM Approved                     |          |         |          |
| Design Standard             | AWWA C502                                   |          |         |          |
| External Thread Standard    | NPTA 1/2" 2.5" 3.5" 4" 4.5" 6" 8" 10"       |          |         |          |
| Water Inlet Flange Standard | ASTM B16.5 Class 150 4" / DN2501 PN16 DN150 |          |         |          |
| Maximum Adjust Pressure     | 250 PSI (17 Bar)                            |          |         |          |
| Monitor Flange Standard     | ASTM B16.5 Class 150 4" / DN2501 PN16 DN100 |          |         |          |
| Working Temperature         | 0°C - 80°C                                  |          |         |          |

### General Technical Information

| Model    | Hose Outlet Size | Pumper Nozzle Size | Monitor |
|----------|------------------|--------------------|---------|
| GE-0201  | 2 x 2.5"         | 1 x 4.5"           | N/A     |
| GE-0201A | 2 x 2.5"         | 1 x 4.5"           | Yes     |
| GE-0202  | 2 x 2.5"         | 1 x 4"             | N/A     |
| GE-0202A | 2 x 2.5"         | 1 x 4"             | Yes     |

## FIRE HYDRANT DRY BARREL



### Technical Specifications

| Model              | GD-0271                                  | GD-0272                        |
|--------------------|------------------------------------------|--------------------------------|
| Brand              | SIBCA                                    |                                |
| Approval           | UL Listed / FM Approved                  |                                |
| Design Standard    | AWWA C502                                |                                |
| Nominal Pressure   | 250 PSI (17 Bar)                         |                                |
| Inlet Flange Size  | 6" (DN150)                               |                                |
| Main Valve Size    | 133.4 mm / 5.3"                          |                                |
| Pumper Nozzle      | 1 x 4.5" - 40N Thread                    |                                |
| Hose Nozzle        | 2 x 2.5" - 7.5N Thread                   |                                |
| Connector          | Mechanical                               | Flange                         |
| Connector Standard | (AWWA / ANSI C151 / A21.324)             | (ASME B16.5 C150 / DN250 PN16) |
| Painting           | Red Polyethylene Paint and Brunner Black |                                |

### Buried Dimensions

| L    | 3/4" | 4"   | 4.5" | 5"   | 5.5" | 6"   | 6.5" | 7"   |
|------|------|------|------|------|------|------|------|------|
| (mm) | 1063 | 1215 | 1368 | 1520 | 1673 | 1825 | 1978 | 2130 |

# Fire Hose Reel



Experience cutting-edge technology and innovation with SIBCA Hose Reels. Our range includes single jacket and double jacket options, available in various lengths and widths to cater to all your needs. Designed to meet both customer specifications and local regulatory requirements, our hoses offer unparalleled reliability.

Crafted to precision according to international standards and UL listings, our synthetic hoses guarantee world-class quality. Manufactured at our state-of-the-art facility in Abu Dhabi, every SIBCA Hose undergoes rigorous multi-point quality checks, ensuring flawless performance upon delivery.

For added durability, our Hose Reels are coated with corrosion-resistant materials and finished with powder paint, providing resistance against even the harshest weather and environmental conditions.

## FIRE HOSE REEL AUTOMATIC AND MANUAL



## HOSE REEL CABINET SINGLE & DOUBLE COMPARTMENT



### Technical Specifications

| Model                    | OC-8185CA                                           | OC-8185CB |
|--------------------------|-----------------------------------------------------|-----------|
| Brand                    | SIBCA                                               |           |
| Approval                 | LPS & Approved                                      |           |
| Size (mm)                | 3" / 4" / 1"                                        |           |
| Type                     | Manual                                              | Automatic |
| Hose Material Size       | 25mm                                                |           |
| Hose Maximum Length      | 30m                                                 |           |
| Nozzle Type              | Lowest approved jet only or rotary operated jetting |           |
| Maximum Working Pressure | 12 Bar                                              |           |
| Minimum Floor Rate       | 40m x 41.5m                                         |           |
| Effective Throat Range   | Jet 1: 10m / Spray 3m                               |           |
| Spring Discharge         | Adjustable Control 40°                              |           |



### Specifications

- Mild steel or stainless steel
- CNC machine processed
- RAL300 polyester epoxy powder coating
- 3/4" or 1" hose reel EN 671-1 approved
- Hose reel is mounted on arm which swings 180°
- Stainless steel or plastic door lock
- Wall mounted or recessed



# Breaching Inlet

SIBCA's landing valves and breaching systems are engineered for durability, ensuring resilience even in harsh environments and extreme temperatures. Designed to comply with rigorous fire testing regulations, our products guarantee reliable operation when it matters most. Additionally, certain models feature integrated reducing valves, providing precise outlet pressure regulation to accommodate varying inlet pressures, a crucial requirement in many installation scenarios.

## BREACHING INLET 2 WAY AND -4WAY

## LANDING VALVE PRESSURE REGULATING VALVE



### Technical Specifications

| Model                      | GD-0245           |
|----------------------------|-------------------|
| Brand                      | BSI - Kiemark     |
| Approval                   | BS 5041: Part 1   |
| Standard                   | BS 5041: Part 1   |
| Maximum Working Pressure   | 30 Bar            |
| Flange                     | DN 65             |
| Outlet Pressure            | 250 GPM @ 6.9 Bar |
| Pressure Regulating        | 4 Bar to 12 Bar   |
| Test Pressure (Valve Seat) | 22 Bar            |
| Test Pressure (Body)       | 30 Bar            |



### Technical Specifications

| Model                                      | GD-0251         | GD-0252    |
|--------------------------------------------|-----------------|------------|
| Brand                                      | SIBCA           |            |
| Approval                                   | BSI - Kiemark   |            |
| Standard                                   | BS 5041: Part 1 |            |
| Nominal Flange Outlet Size                 | 100 mm          | 150 mm     |
| Inlet Connection (Instantaneous Connector) | 2 (BS 238)      | 4 (BS 238) |
| Nominal Working Pressure                   | 10 Bar          |            |
| Test Pressure                              | 20 Bar          |            |
| Flange                                     | BS 4504 PN16    |            |
| Draw Valve                                 | BS 5154: Part 2 |            |



# Landing Valve



SIBCA's landing valves and breaching systems are engineered for durability, ensuring resilience even in harsh environments and extreme temperatures. Designed to comply with rigorous fire testing regulations, our products guarantee reliable operation when it matters most. Additionally, certain models feature integrated reducing valves, providing precise outlet pressure regulation to accommodate varying inlet pressures, a crucial requirement in many installation scenarios.

## OBLIQUE LANDING FLANGE AND THREAD



### Technical Specifications

| Model                                     | GD-0220                    | GD-0230 |
|-------------------------------------------|----------------------------|---------|
| Approval                                  | BSI - Kiemark              |         |
| Standard                                  | BS 5041: Part 1            |         |
| Size                                      | DN 2.5 (1/2")              |         |
| Inlet                                     | Flange as per BS 4504 PN16 |         |
| Maximum Working Pressure                  | 15 Bar                     |         |
| Test Pressure (Valve Seat)                | 16.5 Bar                   |         |
| Test Pressure (Body Test)                 | 22.5 Bar                   |         |
| Minimum Water Flow Rate & Outlet Pressure | 8.5 L/S Min. @ 4.0 Bar     |         |
| Minimum Inlet Pressure                    | 4.7 Bar                    |         |

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## LANDING VALVE PRESSURE REGULATING VALVE



### Technical Specifications

| Model                      | GD-0240           |
|----------------------------|-------------------|
| Approval                   | BSI - Kiemark     |
| Standard                   | BS 5041: Part 1   |
| Maximum Working Pressure   | 30 Bar            |
| Flange                     | DN 65             |
| Outlet Pressure            | 250 GPM @ 6.9 Bar |
| Pressure Regulating        | 4 Bar to 12 Bar   |
| Test Pressure (Valve Seat) | 22 Bar            |
| Test Pressure (Body)       | 30 Bar            |

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## BREACHING INLET 2 WAY AND -4WAY



### Technical Specifications

| Model                                      | GD-0251         | GD-0252    |
|--------------------------------------------|-----------------|------------|
| Brand                                      | SIBCA           |            |
| Approval                                   | BSI - Kiemark   |            |
| Standard                                   | BS 5041: Part 1 |            |
| Nominal Flange Outlet Size                 | 100 mm          | 150 mm     |
| Inlet Connection (Instantaneous Connector) | 2 (BS 238)      | 4 (BS 238) |
| Nominal Working Pressure                   | 10 Bar          |            |
| Test Pressure                              | 20 Bar          |            |
| Flange                                     | BS 4504 PN16    |            |
| Draw Valve                                 | BS 5154: Part 2 |            |

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## OBLIQUE LANDING FLANGE AND THREAD



### Technical Specifications

| Model                                     | GD-0220                    | GD-0230 |
|-------------------------------------------|----------------------------|---------|
| Approval                                  | BSI - Kiemark              |         |
| Standard                                  | BS 5041: Part 1            |         |
| Size                                      | DN 2.5 (1/2")              |         |
| Inlet                                     | Flange as per BS 4504 PN16 |         |
| Maximum Working Pressure                  | 15 Bar                     |         |
| Test Pressure (Valve Seat)                | 16.5 Bar                   |         |
| Test Pressure (Body Test)                 | 22.5 Bar                   |         |
| Minimum Water Flow Rate & Outlet Pressure | 8.5 L/S Min. @ 4.0 Bar     |         |
| Minimum Inlet Pressure                    | 4.7 Bar                    |         |

KM794905

## PROTECTION BEYOND LIMITS



BRAND PROMISE: "DELIVER WHAT WE PROMISE AND ONLY PROMISE WHAT WE CAN DELIVER"



Fire alarm  
System



Fire fighting  
System



Fire suppression  
System



PAVA System



Central Battery  
System



Emergency and  
Exit Light System



**SECURITY & SAFETY EQUIPMENT FIXING LLC**  
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