



ISO 9001-2000 certified company

FIRE FIGHTING & ELECTRICAL WORKS



INTRODUCTION

In the era of globalization and intense competition, an organization is expected to respond in changing market situations with speed and promptness. This ability to communicate effectively has a tremendous bearing on the organization corporate image and growth. We are pleased to introduce ourselves as **K. K. ENTERPRISES** a professionally managed company incepted in 2003 and engaged in the field of marketing , supplying , installation , commissioning and servicing of premier **ELECTRICALS & FIRE FIGHTING RELATED Works/ products**. Our company's branch which is operating as the name of **KALISONS TELVENT PVT. LTD.** Is one of the leading name in the field of **SOLAR / WIND PRODUCT'S** with specialization in **Power generation approved by MINISTRY OF NEW AND RENEWABLE ENERGY .**

OUR MARKET LEADERSHIP is made possible only due to our Unique Work Culture devoted to Customer Delight and Concentrated Practice of our Organizational Values of Continuous Improvement, Team Work , Commitment , Integrity and Excellence ; a fact which is vouched by a client base of over **3000 satisfied customers!**

OUR STRENGTH lies in our offer of **ONE WINDOW SERVICE** for customer requirements, providing **TOTAL SOLUTIONS** and in our commitment to achieve **TOTAL CUSTOMER SATISFACTION, ON TIME - EACH TIME.**

THE POPULARITY of our company has been established beyond any shadow doubt. The secret of this popularity lies in the fact that our aim has always been to provide to our customer, complete and reliable service in a very skilled and professional way suited to an average customer. Our services are reliable, and prices are within the reach of general public with the result that people have started attaching very great value to them.

Everyday Hundred's of customer sees eye to eye with **K.K. ENTERPRISES** for reliable, efficient, safe networking of crucial and time sensitive **FIRE FIGHTING SYSTEM'S & ELECTRICAL WORKS *-SOLAR PRODUCT'S** and we line up to their expectations we are maintaining new customers and strengthening the old one's.

Every day a number of companies kick one's heels to pass through our valuable services all over India and the task are handled with care and customer orientation. Everyday we fine-tune our services to make the task new, meaningful to our valuable customers.

OUR MOTTO:-

Continuing commitment of best services better quality and customer satisfaction.

OUR STAFF comprising of qualified and company trained Sales and Service staff understand customer needs, provide optimum solutions and superlative service. We are accompanying with candid, diligent, elbow- greasing staff with technically educated youngsters and **experienced staff** having experience of more then 25 years.

Since we have our Head office in **SECTOR - 10 , DWARKA – 110075 (NEW DELHI)**

&

Branch Office in **PALAM (NEW DELHI)**

We are specialized in the following :-

ELECTRICAL'S

- HT/LT PENALS 11 KVA
- TRANSFORMERS
- ELECTRICAL PENAL WORKS
- ELECTRICAL CABLING WORKS
- EARTHING WORKS
- DG SYTEM WORKS
- ACCESS CONTROL SYSTEMS
- TELECOMMUNICATION WORK
- CCTV CAMERA

FIRE SAFETY

- FIRE HYDRANT SYSTEM
- FIRE SPRINKLER SYSTEM
- FIRE ALARM & PA SYSEM
- FIRE HEAT & SMOKE DETECTORS
- FIRE EXTINGUISHER (ALL TYPES)
- FIRE SUPPRESSION SYSTEM
- FIRE PUMP CONTROL PENAL
- FIRE PUMPS (ALL TYPES

We have installation's in many **GROUP HOUSING SOCIETIES , HOTELS , HOSPITAL'S , RESIDENCE , OFFICES & SHOPPING COMPLEX's** . Our qualified team of people with test equipment and spare parts are always on there feet's to provide best of the technical support to customers.

OUR PRICES are better than best in the industry as we buy originals and we buy in bulk; the resultant purchase price benefit is passed on to the customer.

OUR QUALITY policy is to provide reliable and quality products at competitive price that meets customer requirements while encouraging new ideas from all levels for continuous improvement. Commitment to the concept of total quality hacked for strong quality assurance schemes ensured quality at every stage in design, development and manufacture.

OUR PRODUCTS are manufactured by the market leaders and sourced by us after thorough

CUSTOMER SUPPORT DEPARTMENT :-

Our customer service/support dept. is one of the strongest and quickest, which consists of professionals who are always on their toes to entertain the queries coming from the customers. Our CSD is supported with an E-mail system. Through this strong Internet distance becomes shorter and information flow becomes quick. We have always taken great pride in being a “people-focused” organization, whether the people are our employees, our direct customers or of our business associate.

For any inquiry / Compliant we have active 24 hr's by phone , email , whatsapp & SKYPE.

Contact's :- Mr. Sanjay Kumar # 9999778971 (Dir. Marketing & Sales)

H. Off :- T-4 , 3RD FLOOR ,
MANISHROYAL PLAZA-I
CENTRALMARKET , SEC - 10 ,
DWARKA ,NEW DELHI - 110075
Mob. : 8802179389

Branch :- Saur Urja Kendra,
Old Mehrauli Road, Puran Nagar,
Palam Colony New Delhi – 77.
Mob. : 8447861777

Email : kkenterprisesdwarka@gmail.com



OUR EXPECTATION :-

Your Valuable support and Co-operation makes us strengthening day by day.

OUR PRODUCTS

Whether you're looking to purchase fire safety products for your home, business, or industrial facility, or you need reliable maintenance services for your existing fire protection equipment, K.K. Enterprises Fire Safety System is here to help. Contact us today to learn more about our products and services or to schedule a consultation with one of our experts. Your safety is our priority. Choose K.K. Enterprises Fire System and Fire Solutions for all your fire safety needs.



BUILDING ELECTRICAL AND FIRE WORKS ESTIMATION





BUILDING FIRE FIGHTING NETWORKING SYSTEM



FIRE EQUIPMENTS IMAGE - GENERALLY USED AT SITE





CCTV CAMERA SURVILLIENCE SYSTEM



ACCESS CONTROL SYSTEM





Crystal



HIKVISION
Authorized Distributor



Panasonic



JAYBEE
— SINCE 1981 —
POWERING INDIA



Thank you!

K.K. ENTERPRISES

(An Ex-Serviceman Enterprises)

T-4, 3rd FLOOR, PLOT NO. 19, SECTOR – 10

DWARKA, NEW DELHI – 110075.

9999778971 , 8802179389

8178258885 , 8447861777

011-44726483

INDEX**A) Fire Hoses**

| | |
|------------------------------------|---|
| 1) Pyroprotect / Pyroflex | 1 |
| 2) Premier Extra / Fyrftyter Super | 1 |
| 3) Premier / Fyrftyter | 2 |
| 4) Water Shield | 2 |

B) Couplings & Adapters

| | |
|---------------------------------|---|
| 1) Instantaneous Couplings | 3 |
| 2) Threaded Couplings | 3 |
| 3) Suction Couplings | 3 |
| 4) Storz Couplings | 3 |
| 5) Blank Caps / Plugs | 4 |
| 6) Flanged And Shore Connection | 4 |
| 7) Threaded Adapters | 4 |
| 8) Gate Valves | 4 |

C) Landing Valves

| | |
|--------------------------------------|---|
| 1) Oblique Type | 5 |
| 2) Straight Type | 5 |
| 3) Right Angled Type | 5 |
| 4) Bib Nose Type | 5 |
| 5) Turn Down Type | 6 |
| 6) Double Outlet | 6 |
| 7) Hose Valve | 6 |
| 8) Pressure Restricting Valve | 6 |
| 9) Controlled Pressure Hydrant Valve | 6 |

D) Stand-Post Hydrants

| | |
|--------------------------|---|
| 1) Two Way Fire Hydrant | 7 |
| 2) Four Way Fire Hydrant | 7 |
| 3) Hydrant With Monitor | 7 |
| 4) Under Ground Hydrant | 8 |
| 5) Stand Pipes | 8 |
| 6) Surface Box | 8 |
| 7) Hydrant Key | 8 |
| 8) Duck Foot Bend | 8 |

E) Dry Riser Equipments

| | |
|--------------------------------------|---|
| 1) 2-Way Inlet Breeching | 9 |
| 2) 3-Way Inlet Breeching | 9 |
| 3) 4-Way Inlet Breeching | 9 |
| 4) Air Release Valve | 9 |
| 5) Dividing And Collecting Breeching | 9 |

F) Hose Reel

| | |
|-----------------------------|----|
| 1) Hose Reel Nozzles | 10 |
| I) PVC/ ABS Nozzles | 10 |
| II) Bronze Nozzles | 10 |
| 2) Wall Mounted Type | 10 |
| 3) Hose Reel Hose | 11 |
| 4) Hose Rack Assembly | 11 |
| 5) Hose Reel with Foam Tank | 11 |

G) Cabinets

| | |
|---------------------|----|
| 1) Hose box | 12 |
| I) Model A | 12 |
| II) Model B | 12 |
| III) Model C | 12 |
| 2) Extinguisher Box | 12 |

H) Nozzles

| | |
|---|----|
| 1) Short Branch Pipe | 13 |
| 2) Triple Purpose / Universal Branch Pipe | 13 |
| 3) Navy Type Branch Pipe | 13 |
| 4) Jet - Spray and Shut Off Nozzle | 14 |
| 5) Three Position Branch Pipe | 14 |
| 6) Fog Nozzle | 14 |
| 7) Hand Controlled Branch Pipe | 15 |
| 8) Revolving Type Branch Pipe | 15 |
| 9) Curtain Nozzle | 15 |
| 10) Constant Gallonage Nozzle | 16 |
| I) Nuelite | 16 |
| II) Fast Action Nozzle - Junior | 16 |
| 11) Dual Pressure Nozzle - Fast Action | 17 |
| 12) Selectable Gallonage Nozzle | 17 |
| I) Superfire | 17 |
| II) Superfire Junior | 18 |
| 13) Multipurpose Nozzle-Aquajet | 18 |
| 14) Foam Tubes | 18 |
| 15) High Pressure Nozzle-Challenger | 19 |
| 16) Nozzles for Marine Application | 19 |

I) Monitors

| | |
|---|----|
| 1) Water Jet Monitor | 20 |
| 2) Long Range Monitor | 20 |
| 3) Long Range Water Foam Monitor | 21 |
| 4) Water Foam Monitor : Torpedo | 21 |
| I) Monitor with Nozzle | 21 |
| II) Jet Ratio Controller Pump | 22 |
| 5) Portable Ground Monitor | 22 |
| I) Commando | 22 |
| II) Nano | 22 |
| 6) Remote Control Monitor: Terminator | 23 |
| 7) Oscillating Monitor - Stand Post Mounted | 23 |
| 8) Trolley Mounted Monitor | 24 |
| 9) Trailer Mounted Monitor with Foam Tank | 24 |
| 10) Monitor Nozzles | 25 |
| I) Water Nozzles | 25 |
| a) Jet Nozzle | 25 |
| b) Jet Spray Nozzle | 25 |
| II) Foam Nozzles | 26 |
| a) Aqua Foam Nozzle | 26 |
| b) Aspirating Nozzle | 26 |

INDEX**J) Foam Equipments**

| | |
|---|----|
| 1) Low Expansion Branch Pipe | 27 |
| I) Model A | 27 |
| II) Model B | 27 |
| 2) Medium Expansion Foam Branch Pipe | 27 |
| 3) Foam Generator | 28 |
| I) Mini Turbex | 28 |
| II) HI-EX | 28 |
| III) Inline Foam Generator | 29 |
| 4) Mobile Foam Unit | 29 |
| I) With FRP Tank | 29 |
| II) With Steel Tank | 29 |
| 5) Foam Maker with Vapour Seal | 30 |
| 6) Foam Maker without Vapour Seal | 30 |
| 7) Inline Inductor | 31 |
| I) Variable Inline Inductor | 31 |
| II) Fixed Inline Inductor | 31 |
| 8) Foam Used In Fire Protection | 32 |
| I) Protein Foam Compound | 32 |
| II) Fluoro-protein Foam Compound | 32 |
| III) High Expansion Foam Compound | 32 |
| IV) Aqueous Film Forming Foam(AFFF) | 32 |
| 9) Foam Bladder Tank | 33 |
| 10) Skid Mounted Monitor with Foam Tank | 33 |

K) Water Based Sprinkler System Equipment

| | |
|-----------------------------|----|
| 1) Water Spray Nozzles | 34 |
| I) Medium Velocity Nozzle | 34 |
| II) High Velocity Nozzle | 34 |
| 2) Automatic Sprinklers | 34 |
| I) Pendent Type | 34 |
| II) Upright Type | 35 |
| III) Side Wall Type | 35 |
| IV) Concealed Type | 35 |
| 3) Sprinkler Flexible Hoses | 36 |
| I) Unbraided | 36 |
| II) Braided | 37 |
| 4) Alarm Valve System | 38 |
| 5) Butterfly Valve | 38 |

L) Fire Fighting Pump

| | |
|----------------------------------|----|
| 1) Portable Pump | 39 |
| I) Low Discharge Pump | 39 |
| II) High Discharge Pump | 39 |
| 2) Aqua Float, The Floating Pump | 40 |
| 3) Turbo Pump | 40 |
| 4) Dewatering Pump | 41 |
| I) Ejector Pump | 41 |
| II) Adjustable Ejector Pump | 41 |
| 5) Portable Water Mist System | 41 |

M) Miscellaneous

| | |
|--|----|
| 1) Warning Appliances | 42 |
| I) Hand Operated Siren | 42 |
| II) Electric Operated Siren | 42 |
| III) Flameproof & Weatherproof Megaphone | 42 |
| 2) Smoke Extractor Fan | 43 |
| A) Water Turbine Driven | 43 |
| B) Petrol Engine Driven | 43 |
| C) Electric Motor Driven | 43 |
| 3) Smoke Generator | 44 |
| 4) Hose Washing Machine | 44 |
| 5) Hose Binding Machine | 44 |



K.K. ENTERPRISES

Fire Fighting & Electrical Works

Pyroprotect / Pyronex



- UL Listed - USA and Canada
- Bearing IS 636:88 Type B mark
- Wheelmark approved
- Conforming to BS 6391 Type 3, EN 14540(2004)
- Smooth inner unified lining of specially formulated polymer, with very low friction loss
- Warp made of high tenacity fibres
- Weft made of multi-ply high tenacity fibres
- Synthetic rubber compound specially formulated for abrasion and chemical resistance, flexibility and protection against ageing
- Ribbed for hose protection and easy handling
- Standard colour: Reddish brown
- Options: Black, blue, yellow

| Product Code No. | Sizes | Working Pressure PSI/Kg/cm ² | Burst Pressure PSI/Kg/cm ² |
|------------------|--------|--|--|
| FH-PY-25 | 1" | 245/17 | 710/50 |
| FH-PY-38 | 1 1/2" | 245/17 | 710/50 |
| FH-PY-45 | 1 3/4" | 245/17 | 710/50 |
| FH-PY-50 | 2" | 245/17 | 710/50 |
| FH-PY-63 | 2 1/2" | 245/17 | 710/50 |
| FH-PY-70 | 2 3/4" | 245/17 | 710/50 |
| FH-PY-76 | 3" | 217/15 | 575/40 |
| FH-PY-100 | 4" | 217/15 | 500/35 |
| FH-PY-150 | 6" | 100/7 | 500/35 |

2 Premier Extra / Fyrfyter Super



- Bearing IS 636:88 Type A mark
- Wheelmark approved
- Conforming to BS 6391 Type 2, DIN 14811, UL 219, UL 19, EN 14540(2004)
- Jacket made up of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining withstands heat and polluted water
- External coat of synthetic elastomer protects against moisture, fungus, oils, heat & abrasion
- Standard colour: Red
- Options: Green, blue, yellow, orange, black

| Product Code No. | Sizes | Working Pressure PSI/Kg/cm ² | Burst Pressure PSI/Kg/cm ² |
|------------------|--------|--|--|
| FH-PE-38 | 1 1/2" | 205/14 | 710/50 |
| FH-PE-45 | 1 3/4" | 205/14 | 710/50 |
| FH-PE-50 | 2" | 205/14 | 710/50 |
| FH-PE-63 | 2 1/2" | 175/12 | 640/45 |
| FH-PE-70 | 2 3/4" | 175/12 | 640/45 |
| FH-PE-76 | 3" | 145/10 | 500/35 |
| FH-PE-100 | 4" | 145/10 | 500/35 |
| FH-PE-125 | 5" | 100/7 | 425/30 |

3

Premier / Fyrfyter



- Bearing IS 636:88 Type A mark
- Wheelmark approved
- Conforming to BS 6391 Type 1, DIN 14811, UL 219, UL 19, EN 14540(2004)
- Jacket made of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining withstands heat and polluted water
- Heat and abrasion resistant

| Product Code No. | Sizes | Working Pressure PSI/Kg/cm ² | Burst Pressure PSI/Kg/cm ² |
|------------------|--------|--|--|
| FH-PR-38 | 1 1/2" | 205/14 | 710/50 |
| FH-PR-45 | 1 3/4" | 205/14 | 710/50 |
| FH-PR-50 | 2" | 205/14 | 710/50 |
| FH-PR-63 | 2 1/2" | 175/12 | 640/45 |
| FH-PR-70 | 2 3/4" | 175/12 | 640/45 |
| FH-PR-76 | 3" | 145/10 | 500/35 |
| FH-PR-100 | 4" | 145/10 | 500/35 |
| FH-PR-125 | 5" | 100/7 | 425/30 |
| FH-PR-150 | 6" | 100/7 | 425/30 |

4

Water Shield



- Bearing IS 8423:94 mark
- Incorporates controlled percolating system, combining advantages of low friction, high strength, lightweight and flexibility of a rubber lined hose and the heat resistant quality of flax hose
- Jacket made from synthetic yarn for extra strength
- Ideal for forestry and industrial fires

| Product Code No. | Sizes | Working Pressure PSI/Kg/cm ² | Burst Pressure PSI/Kg/cm ² |
|------------------|--------|--|--|
| FH-WS-38 | 1 1/2" | 175/12 | 570/40 |
| FH-WS-45 | 1 3/4" | 175/12 | 570/40 |
| FH-WS-50 | 2" | 175/12 | 570/40 |
| FH-WS-63 | 2 1/2" | 175/12 | 570/40 |
| FH-WS-70 | 2 3/4" | 175/12 | 570/40 |
| FH-WS-76 | 3" | 175/12 | 570/40 |
| FH-WS-100 | 4" | 100/7 | 400/28 |
| FH-WS-125 | 5" | 100/7 | 400/28 |
| FH-WS-150 | 6" | 100/7 | 400/28 |



1 Instantaneous Couplings



- Bearing IS 903 mark
- Conforming to BS 336
- Working pressure : 150 PSI / 10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description | Types | Material Of Construction |
|------------------|-----------------|------------------------------|--|
| CP-IC-01 | 2 1/2" X 2 1/2" | Ribbed Multi-serrated | Gunmetal Aluminium alloy S.S 304 S.S 316 Brass |
| CP-IC-02 | 2 1/2" X 2 3/4" | | |
| CP-IC-03 | 2 1/2" X 2" | | |
| CP-IC-04 | 2 1/2" X 1 1/2" | | |
| CP-IC-05 | 2" X 2" | | |
| CP-IC-06 | 1 1/2" X 1 1/2" | | |

2 Threaded Couplings



- Working pressure : 150 PSI / 10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²
- Type : Rocker lug or pin type

| Product Code No. | Description | Material Of Construction |
|------------------|-------------------------|-----------------------------|
| CP-TC-01 | With 2 1/2" NST Threads | Aluminium alloy Gunmetal |
| CP-TC-02 | With 2 1/2" NH Threads | |
| CP-TC-03 | With 1 1/2" NST Threads | |
| CP-TC-04 | With 1 1/2" NH Threads | |

3 Suction Couplings



- Conforming to BS 336, IS 902
- Connection threads : Round threads as per BS 336 / IS 902
- Working pressure : 150 PSI / 10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description | Material Of Construction |
|------------------|-------------|-----------------------------|
| CP-SC-01 | 3" | Aluminium alloy Gunmetal |
| CP-SC-02 | 4" | |
| CP-SC-03 | 5 1/2" | |

4 Storz Couplings



- Working pressure : 150 PSI
- Test pressure : 325 PSI

| Product Code No. | Description | Material Of Construction |
|------------------|-------------|--------------------------|
|------------------|-------------|--------------------------|

5

Blank Caps / Plugs



- Size : 2 1/2" (63 mm) as per BS 336 / IS 903
- Working pressure : 150 PSI /10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|---|
| CP-BC-01 | Male Inst. in Gunmetal (2 1/2") |
| CP-BC-02 | Male Inst. in Brass (2 1/2") |
| CP-BC-03 | Male Inst. in Aluminum (2 1/2") |
| CP-BC-04 | Male Inst. in ABS (2 1/2") |
| CP-BC-05 | Female Inst. In Gunmetal (2 1/2") |
| CP-BC-06 | Female Inst. in Brass (2 1/2") |
| CP-BC-07 | Female Inst. In Aluminum (2 1/2") |
| CP-BC-08 | Female round thread In Gunmetal 4" BSRT |
| CP-BC-09 | Female round thread In Gunmetal 5 1/2" BSRT |
| CP-BC-10 | Female round thread In Gunmetal 3 " BSRT |

6

Flanged & Shore Connection



- Inlet flange : Conforming to ANSI, B16.5 / IS 1538(Part IV)
- Outlets : 2 1/2" (63 mm) as per BS 336 / IS 903
- Working pressure : 150 PSI /10.5 Kg/cm²
- Test pressure : 325 PSI /22.5 Kg/cm²

| Product Code No. | Description | Material Of Construction |
|------------------|-------------------------------------|--------------------------|
| CP-SHC-01 | 2 1/2" Male inst. & 2 1/2" flange | Gunmetal / S.S. |
| CP-SHC-02 | 2 1/2" Female inst. & 2 1/2" flange | |
| CP-SHC-03 | 2 1/2" Male inst. & 3" flange | |
| CP-SHC-04 | 2 1/2" Female inst. & 3" flange | |

7

Threaded Adaptors



- Body : Gunmetal / Aluminium alloy / S.S / Brass
- Size : 2 1/2" (63 mm) / 1 1/2"(38 mm)
- Working pressure : 150 PSI /10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²

I) Male Adaptors

II) Female Adaptors

8

Gate Valves



| Product Code No. | Description |
|------------------|--|
| LV-GV-01 | Made in Gunmetal flanged inlet as per ANSI |
| LV-GV-02 | Made in Gunmetal flanged inlet as per BSRT |



Governing Standard: BS 5041 Part 1 & IS 5290

- Body : Gunmetal / Stainless steel / Brass
- Hand wheel : Cast iron
- Inlet : Flanged or BSP/ NPT threaded
- Outlet : Female instantaneous or male BSP/ NH threaded
- Working pressure : 150 PSI / 10.5 Kg/cm²
- Seat Test : 240 PSI / 16 Kg/cm²
- Body Test : 435 PSI / 30 Kg/cm²

1 Oblique Type Landing Valve



| Product Code No. | Description | Inlet Sizes | Outlets | Material Of Construction |
|------------------|--------------------|---|--|------------------------------------|
| LV-OT-38 | 1 1/2" (38mm) Size | Flanged inlet as per ANSI/IS 1538(Part IV) Flanged inlet as per PN16 BSP Male threaded inlet NPT Male threaded inlet | 2 1/2" Female Instantaneous 2 1/2" NH(M) 2 1/2" NST(M) 2 1/2" BSP (M) | Gunmetal Aluminium alloy S.S |
| LV-OT-63 | 2 1/2" (63mm) Size | | | |
| LV-OT-75 | 3" (75mm) Size | | | |

2 Straight Type Landing Valve



| Product Code No. | Description | Inlet Sizes | Outlets | Material Of Construction |
|------------------|--------------------|--|---|--------------------------|
| LV-ST-63 | 2 1/2" (63mm) Size | Flanged inlet as per ANSI Flanged inlet as per PN16 BSP Male threaded inlet NPT Male threaded inlet | 2 1/2" Female Instantaneous 2 1/2" NH(M) 2 1/2" NST(M) 2 1/2" BSP(M) | Gunmetal |
| LV-ST-75 | 3" (75mm) Size | | | |

3 Right Angle Type Landing Valve



| Product Code No. | Description | Inlet Sizes | Outlets | Material Of Construction |
|------------------|--------------------|--|---|--------------------------|
| LV-RT-63 | 2 1/2" (63mm) Size | Flanged inlet as per ANSI Flanged inlet as per PN16 BSP Male threaded inlet NPT Male threaded inlet | 2 1/2" Female Instantaneous 2 1/2" NH(M) 2 1/2" NST(M) 2 1/2" BSP(M) | Gunmetal |

4 Bib Nose Type Landing Valve



| Product Code No. | Description | Inlet Sizes | Outlets | Material Of Construction |
|------------------|-------------|---------------------------|---------|--------------------------|
| | | Flanged inlet as per ANSI | | |

5

Turn Down Landing Valve



| Product Code No. | Description | Inlet Sizes | Outlets | Material Of Construction |
|------------------|--------------------|--|---|--------------------------|
| LV-RT-63 | 2 1/2" (63mm) Size | Flanged inlet as per ANSI Flanged inlet as per PN16 BSP Male threaded inlet NPT Male threaded inlet | 2 1/2" Female Instantaneous 2 1/2" NH(M) 2 1/2" NST(M) 2 1/2" BSP(M) | Gunmetal |

6

Double Outlet Type Landing Valve



| Product Code No. | Description | Material Of Construction |
|------------------|---|--------------------------|
| LV-DOT-01 | Made in gunmetal 4"NB flanged inlet as per ANSI/IS 1548 | Gunmetal |
| LV-DOT-02 | Made in gunmetal 4"NB flanged inlet as per PN16 | S.S |

7

Hose Valve



| Product Code No. | Description | Material Of Construction |
|------------------|--------------------------------------|--------------------------|
| LV-AV-38A | 1 1/2" (F) NPT X 1 1/2" (F) NPT | Brass |
| LV-AV-38B | 1 1/2" (F) NPT X 1 1/2" (M) NST (NH) | |
| LA-AV-63A | 2 1/2" (F) NPT X 2 1/2" (F) NPT | |
| LV-AV-63B | 2 1/2" (F) NPT X 2 1/2" (M) NST (NH) | |

Option: Can be supplied with 3" Flanged inlet & 2 1/2" Female inst. outlet as per IS 903 / BS 336

8

Pressure Restricting Valve



| Product Code No. | Description | Material Of Construction |
|------------------|--------------------------------------|--------------------------|
| LV-PRV-01 | 1 1/2" (F) NPT x 1 1/2" (M) NST (NH) | Brass |
| LV-PRV-02 | 2 1/2" (F) NPT x 2 1/2" (M) NST (NH) | |

Option: Can be supplied with 3" Flanged inlet & 2 1/2" Female inst. outlet as per IS 903 / BS 336

9

Controlled Pressure Hydrant Valve



| Product Code No. | Description | Material Of Construction |
|------------------|--|--------------------------|
| LV-CPH-01 | Made in gunmetal 1 1/2" NB flanged inlet as per ANSI | |

1 2 way Fire Hydrant



- Body : Carbon steel fabricated
- Inlet : 4" NB flanged
- Outlet : 2 x 2 1/2" / 3" flanged with landing valves
- Working pressure : 150 PSI / 10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|-------------------------------------|
| SPH-TW-01 | Made in CS having 4" flanged Inlets |

2 4 Way Fire Hydrant



- Body : Carbon steel
- Inlet : 6" NB flanged
- Outlet : 4 x 2 1/2" / 3" flanged with landing valves
- Working pressure : 150 PSI / 10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|---|
| SPH-FW-CI-01 | Made in CS having 6" flanged Inlets and 4 nos flanged outlets |
| SPH-FW-CS-02 | Made in CS having 6" flanged Inlets and 4 nos flanged outlets with 5 1/2" pumper connection & valve |

3 Hydrant with Monitor



- Body : Carbon steel
- Inlet : 6" NB Flanged
- Outlet : Two instantaneous and one 4" flanged outlet for monitor
- Working pressure: 150 PSI / 10.5 Kg/cm²
- Test pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|--|
| SPH-HM-01 | Stand post and water monitor having 460 GPM / 1750 LPM flow capacity at 100 PSI / 7 Kg/cm ² |
| SPH-HM-02 | Stand post and water monitor having 680 GPM / 2580 LPM flow capacity at 100 PSI / 7 Kg/cm ² |

4 Under Ground Hydrant



- Conforming to BS 750
- Body : Cast iron / SG iron
- Inlet : Flanged
- Outlet : Gunmetal threaded outlet
- Working pressure : 150 PSI / 10.5 Kg/cm²
- Seat test : 240 PSI / 16 Kg/cm²
- Body test : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|--------------------------|
| SPH-UGH-01 | Outlet 2 1/2" BSRT male |
| SPH-UGH-02 | Outlet 2 1/2" Inst. male |

5 Stand Pipes



- Conforming to BS 336
- Body : Aluminium
- Inlet : Threaded BSRT (F)
- Outlet : Female instantaneous as per BS 336
- Working Pressure : 150 PSI / 10.5 Kg/cm²
- Body Test : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|----------------------------------|
| SPH-SP-01 | Aluminum body with single outlet |
| SPH-SP-02 | Aluminum body with double outlet |

6 Surface Box



- Cast iron
- Length 15" X Width 9" X Height 5"

| Product Code No. | Description |
|------------------|-----------------|
| SPH-SB-01 | Made in SG iron |

7 Hydrant Key



- Conforming to BS 336
- Mild Steel / Aluminium
- Used for operation of under ground hydrant

| Product Code No. | Description |
|------------------|---------------------------------|
| SPH-HK-01 | Made in Steel / Aluminium alloy |

8 Duck Foot Bend



- Body : Cast iron
- Inlet connection : Flanged 4"
- Outlet connection : Flanged 4"



1 2 Way Inlet Breeching



- Body : Gunmetal or Aluminium alloy or Cast iron
- Inlet : Two male instantaneous with NRV
- Outlet : 4" NB flanged
- Working Pressure : 150 PSI / 10.5 Kg/cm²
- Test Pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|--|
| DRE-2W-01 | Two way inlet breeching made in Gunmetal |
| DRE-2W-02 | Two way inlet breeching made in Aluminium alloy |
| DRE-2W-03 | Two way inlet breeching made in Cast iron or SG iron |

2 3 Way Inlet Breeching



- Body : Gunmetal or Aluminium alloy or Cast iron
- Inlet : Three male instantaneous with NRV
- Outlet : 6" NB flanged
- Working Pressure : 150 PSI / 10.5 Kg/cm²
- Test Pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|--|
| DRE-3W-01 | Three way inlet breeching made in Gunmetal |
| DRE-3W-02 | Three way inlet breeching made in Aluminium alloy |
| DRE-3W-03 | Three way inlet breeching made in Cast iron or SG iron |

3 4 Way Inlet Breeching



- Body : Gunmetal or Aluminium alloy or Cast iron
- Inlet : Four male instantaneous with NRV
- Outlet : 6" NB flanged
- Working Pressure : 150 PSI / 10.5 Kg/cm²
- Test Pressure : 325 PSI / 22.5 Kg/cm²

| Product Code No. | Description |
|------------------|---|
| DRE-4W-01 | Four way inlet breeching made in Gunmetal |
| DRE-4W-02 | Four way inlet breeching made in Aluminium alloy |
| DRE-4W-03 | Four way inlet breeching made in Cast iron or SG iron |

4 Air Release Valve



- Body : Copper alloy
- Inlet Connection : Threaded male

| Product Code No. | Description |
|------------------|--------------------------------|
| DRE-ARV-01 | Inlet connection with 3/4" BSP |
| DRE-ARV-02 | Inlet connection with 1" BSP |

5 Dividing and Collecting Breeching



- Conforming to IS 905
- Inlet and outlet connection : Instantaneous
- Max. working pressure : 150 PSI / 10.5 Kg/cm²
- Hydro testing pressure : 350 PSI / 22.5 Kg/cm²
- Size : 1 1/2" & 2 1/2"

HOSE REEL NOZZLES**I PVC / ABS Nozzles**

- Jet Spray Type
- Serrated end for hose fitting
- 6 GPM @100 PSI / 24 LPM @ 7 Kg/cm²

| Product Code No. | Description |
|------------------|----------------------|
| HR-N-01 | With ¾" serrated end |
| HR-N-02 | With 1" serrated end |

II Bronze Nozzles

- Construction in Gunmetal
- Jet spray & shut off type
- Chrome plated finish

| Product Code No. | Description |
|------------------|---|
| HR-N-03 | 6 GPM / 22 LPM @100 PSI With ¾" serrated end |
| HR-N-04 | 25 GPM / 95 LPM @100 PSI With ¾" serrated end |
| HR-N-05 | 16 GPM / 60 LPM @100 PSI With 1" serrated end |
| HR-N-06 | 25 GPM / 95 LPM @100 PSI With 1" serrated end |

2 Wall Mounting Type

- Fixed / Swinging type
- Side plate powder coated finish red
- Threaded Inlet connection
- Outlet connection for hose can be rotated left and right direction
- Waterways made of seamless tube
- Operating pressure: 150 PSI Max / 10.5 Kg/cm²
- Flow rate: 6 GPM at 100 PSI / 24 LPM @ 7 Kg/cm²

| Product Code No. | Description | Hose Size | Hose Length | Hose reel Nozzle |
|------------------|----------------|-----------|-------------|------------------------|
| HR-WM-01 | Fixed type | ¾" 1" | 30 Meter | Refer codes from above |
| HR-WM-02 | Swinging type | | 36 Meter | |
| HR-WM-03 | Automatic type | | | |

3**Hose Reel Hose**

High pressure braided rubber hose as per IS 444 Type II / PVC / Thermoplastic as per IS 12585

Specification

| Product Code No. | Description |
|------------------|--------------------------------------|
| HR-HO-01 | With ¾" X 30 mtr hose in black color |
| HR-HO-02 | With ¾" X 30 mtr hose in red color |
| HR-HO-03 | With 1" X 30 mtr hose in black color |
| HR-HO-04 | With 1" X 30 mtr hose in red color |

4**Hose Rack Assembly**

- Available in two sizes
- Available in two types of mounting
- Complete with hose rack assembly, 30 mtr hose, landing valve and nozzle
- Fixed or swinging

| Product Code No. | Description |
|------------------|--|
| CA-HRA-VM-01 | Hose rack assembly for 1 ½" hose, right angle valve mounted |
| CA-HRA-VM-02 | Hose rack assembly for 2 ½" hose, right angle valve mounted |
| CA-HRA-WM-01 | Hose rack assembly for 1 ½" hose, with wall mounting bracket and without Landing Valve |
| CA-HRA-WM-02 | Hose rack assembly for 2 ½" hose, with wall mounting bracket and without Landing Valve |

5**Hose Reel with Foam Tank**

- Complete with foam tank, foam inductor, hose reel with nozzle
- Pedestal bearing ensures smooth rotating action
- 225 Liter foam tank
- Inline inductor 0 to 6% & Jet-Spray nozzle
- 1 ½" X 30 mtr high pressure rubber braided hose
- Waterways made from Stainless steel or Gunmetal
- Detachable rewinding handle
- Operating pressure: 145 PSI Max / 10 Bar
- Flow rate: 95 GPM @ 100 PSI / 350 LPM @ 7 Kg/cm²

| Product Code No. | Description |
|------------------|------------------------------|
| HR-FT-01 | Stainless steel construction |

HOSE BOX

I Model A



- Suitable for storing one nos 7.5 mtr or 15 mtr hose and one nozzle
- H x W x D: 24" X 24" X 10"
- Lightweight & weatherproof
- Wall mounted / self standing
- Finished with post office red color

| Product Code No. | Description |
|------------------|---|
| CA-HB-A-01 | Made in FRP with wall mounted type |
| CA-HB-A-02 | Made in FRP with self standing type |
| CA-HB-A-03 | Made in 18 SWG CRCA sheet with wall mounted type |
| CA-HB-A-04 | Made in 18 SWG CRCA sheet with self standing type |

II Model B



- Suitable for storing two nos 7.5 mtr or 15 mtr hoses and one nozzle
- H x W x D: 24" X 30" X 10"
- Lightweight & weatherproof
- Wall mounted / self standing
- Finished with post office red color

| Product Code No. | Description |
|------------------|---|
| CA-HB-B-01 | Made in FRP with wall mounted type |
| CA-HB-B-02 | Made in FRP with self standing type |
| CA-HB-B-03 | Made in 18 SWG CRCA Sheet with wall mounted type |
| CA-HB-B-04 | Made in 18 SWG CRCA sheet with self standing mounted type |

III Model C



- Suitable for storing two nos 7.5 mtr or 15 mtr hoses and one nozzle
- H x W x D: 24" X 30" X 10"
- Lightweight & weatherproof
- UV resistant
- Wall mounted / self standing
- Resistant to most chemicals
- Ideal for salty atmosphere

| Product Code No. | Description |
|------------------|--|
| CA-HB-C-01 | Made in polyethylene with self standing type |

2 Extinguisher Box



- Lightweight & weatherproof
- Wall mounted / Self standing
- Finished with post office red colour or natural

| Product Code No. | Description | Storage | Material Of Construction |
|------------------|------------------------|---------------------|--------------------------|
| CA-EB-01 | 300mm X 800mm X 300 mm | Single extinguisher | Mild steel |
| CA-EB-02 | 600mm X 800mm X 300 mm | Two extinguishers | |
| CA-EB-03 | 300mm X 800mm X 300 mm | Single extinguisher | S.S |
| CA-EB-04 | 600mm X 800mm X 300 mm | Two extinguishers | |
| CA-EB-05 | 350mm X 350mm X 800 mm | Single extinguisher | FRP |

1 Short Branchpipe



- Bearing IS 903 mark
- Inlet Connection : 2 ½" Male instantaneous
- Outlet : Solid jet nozzle
- Operating Pressure : 150 PSI Max. / 10.5 Kg/cm²
- Finish : Natural polished

| Product Code No. | Description | Material Of Construction |
|------------------|------------------|---|
| N-SB-01 | With ½" outlet | Gunmetal Aluminium alloy S.S 304 S.S 316 |
| N-SB-02 | With 5/8" outlet | |
| N-SB-03 | With ¾" outlet | |
| N-SB-04 | With 7/8" outlet | |
| N-SB-05 | With 1" outlet | |

2 Triple Purpose / Universal Branchpipe



- IS 2871
- Type : Jet - Spray- Shut Off
- Inlet Connection : 2 ½" male instantaneous
- Material : Gunmetal / Aluminium alloy / Stainless steel
- Operating Pressure : 150 PSI Max. / 10.5 Kg/cm²
- Finish : Natural polished / Chrome plated

| Product Code No. | Description | Material Of Construction |
|------------------|-------------|------------------------------------|
| N-TPN-01 | As above | Gunmetal Aluminium alloy S.S |

3 Navy Type Branchpipe



- Type : Jet - spray- shut off
- Inlet Connection : 2 ½" Male instantaneous
- Material : Gunmetal
- Operating Pressure : 150 PSI Max. / 10.5 Kg/cm²
- Finish : Natural polished

| Product Code No. | Description |
|------------------|-------------|
| N-NTB-01 | As above |

4

Jet - Spray and Shut Off Nozzle

- Type : Jet-spray-shut off
- Inlet connection : 1 3/4" BSP (F) threaded
- Designed to fit on standard short branch pipe
- Operating pressure : 150 PSI Max. / 10.5 Kg/cm²
- Finish : Anodized / Natural

| Product Code No. | Description | Flow 100PSI/7kg/m ² | | Material Of Construction |
|------------------|-------------|--------------------------------|-----|--------------------------|
| | | GPM | LPM | |
| N-TPN-02 | as above | 20 | 300 | Aluminium alloy |

5

Three Position Branchpipe

- Ideal for marine application
- Designed for heavy professional use
- Thick water curtain due to middle teeth
- Maintenance free
- Inlet connection : 2" BSP (M) thread
- Anti-slip rubber grip

| Product Code No. | Description | Flow 100PSI/7kg/m ² | | Material Of Construction |
|------------------|-------------|--------------------------------|-----|--------------------------|
| | | LPM | GPM | |
| N-TPN-02 | as above | 20 | 300 | Aluminium alloy |

6

Fog Nozzle

- IS 952
- Type : Jet-fog nozzle
- Inlet connection : 2 1/2" Male instantaneous
- Material : Gunmetal
- Operating pressure : 150 PSI Max. / 10.5 Kg/cm²
- Finish : Natural polished

| Product Code No. | Description |
|------------------|-------------|
|------------------|-------------|



7 Hand Controlled Branch Pipe



- Type : Jet - spray- shut off nozzle
- Inlet connection : 2 1/2" Male instantaneous as per BS 336
- Material : Aluminium alloy or PVC
- Operating pressure : 150 PSI Max. / 10.5 Kg/cm²
- Finish : Natural

| Product Code No. | Description |
|------------------|--|
| N-HCB-01 | 40 GPM / 150 LPM @ 100 PSI / 7 kg/cm ² in Aluminum and nozzle tip and body In PVC |
| N-HCB-02 | 40 GPM / 150 LPM @ 100 PSI / 7 kg/cm ² fully in Aluminum |
| N-HCB-03 | 120 GPM / 450 LPM @ 100 PSI / 7 kg/cm ² with additional feature of water curtain |

8 Revolving Type Branch Pipe



- IS 906
- Inlet connection : 2 1/2" Male instantaneous
- Material : Gunmetal
- Operating pressure : 150 PSI Max. / 10.5 Kg/cm²
- Flow : 65 GPM @ 100 PSI / 245 LPM @ 7 kg/cm²
- Finish : Natural polished

| Product Code No. | Description |
|------------------|---|
| N-RT-01 | With 2 1/2" Male instantaneous inlet |
| N-RT-02 | With flanged inlet 2 1/2"NB as per ANSI |
| N-RT-03 | With flanged inlet 3"NB as per ANSI |

9 Curtain Nozzle



- Type : Curtain nozzle
- Inlet Connection : 2 1/2" Male instantaneous / Threaded inlet / Flanged
- Operating Pressure : 145 PSI Max.
- Finish : Post office red color

| Product Code No. | Description | Material of Construction |
|------------------|--|--------------------------|
| N-CN-01 | 200 GPM/750 LPM@100 PSI with 2 1/2" Male instantaneous inlet | Aluminium alloy & S.S |
| N-CN-02 | 200 GPM/750 LPM@100 PSI with 2 1/2" BSP female swivel inlet | |
| N-CN-03 | 200 GPM/750 LPM@100 PSI with 2 1/2" NH female swivel inlet | |
| N-CN-04 | 320 GPM/750 LPM@100 PSI with 2 1/2" Male instantaneous inlet | |
| N-CN-05 | 320 GPM/750 LPM@100 PSI with 2 1/2" BSP female swivel inlet | |
| N-CN-06 | 320 GPM/750 LPM@ 100 PSI with 2 1/2 " NH female swivel inlet | |

10 Constant Gallonage Nozzle

I Nuelite



- Special design gives low back pressure
- Light alloy hard anodized construction
- Straight stream to wide fog
- Pressure assisted flush without shut-off
- Acetal ball shut-off handle works smoothly at extreme ranges
- Wide fog for operator protection
- Anti-slip pistol grip finger lock
- NFPA 1964 compliant

| Product Code No. | Bore (Dia) | Weight (lbs) | Flow@100PSI (7kg/cm ²) | | Inlets Available |
|------------------|------------|--------------|------------------------------------|-----|--|
| | | | GPM | LPM | |
| N-CG-NU-01 | 1½" | 2.3 Kg | 100 | 400 | 2 ½" Male Instantaneous NH (F) Threads 1 ½" & 2 ½" NST(F) Threads 1 ½" & 2 ½" BSP (F) Threads 1 ½" & 2 ½" |
| N-CG-NU-02 | 1½" | 2.3 Kg | 150 | 600 | |

II Fast Action Nozzle - Junior



- Special design gives low back pressure
- Constant gallonage nozzle
- Durable light hard anodized construction
- Straight stream to wide fog and flush without shut-off
- Sliding valves allow turbulence free flow
- Moulded rubber bumper with flexible fog teeth creates thick fog pattern
- Metallic pistol grip handle designed for greater comfort and control of fire
- Inlet instantaneous male coupling, NH threads
- NFPA 1964 compliant

| Product Code No. | Bore (Dia) | Length(With threaded Inlet) | Weight (lbs) | Flow@100PSI (7kg/cm ²) | | Inlet Available |
|------------------|------------|-----------------------------|--------------|------------------------------------|-----|--|
| | | | | GPM | LPM | |
| N-CG-FAS-01 | 1" | 8 ½" | 3.6 | 95 | 360 | 2 ½" Male instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads |
| N-CG-FAS-02 | 1" | 8 1½" | 3.6 | 125 | 473 | |
| N-CG-FAS-03 | 1 1/2" | 11" | 5.8 | 150 | 568 | |
| N-CG-FAS-04 | 1 1/2" | 11" | 5.8 | 200 | 757 | |
| N-CG-FAS-05 | 1 1/2" | 11" | 5.8 | 250 | 946 | |

11 Dual Pressure NOZZLE : Fast Action NOZZLE



- Special design gives low back pressure
- Specially designed dual pressure nozzle
- At emergency mode (at low pressure), nozzle maintains same performance
- Durable light hard anodized construction
- Straight stream to wide fog and flush without shut off
- Sliding valves allows turbulence free flow
- Moulded rubber bumper with flexible fog teeth creates thick fog pattern
- Metallic pistol grip handle designed for greater comfort and control of fire
- NFPA 1964 compliant

| Product Code No. | Bore (Dia) | Length(With threaded Inlet) | Weight (lbs)/ Kg | Flow@100PSI (7kg/cm ²) | | | | Inlet Available |
|------------------|------------|-----------------------------|------------------|------------------------------------|-------------------|--------------------|--------------------|---|
| | | | | Standard Mode GPM | Standard Mode LPM | Emergency Mode GPM | Emergency Mode LPM | |
| N-DP-01 | 1 ½" | 8 ½" | 5.9 / 2.7 | 185 | 700 | 224 | 850 | 2 ½" Male Instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads |

12 Selectable Gallonage Nozzle

I Superfire



- Special design gives low back pressure
- Constant selectable gallonage nozzle with multiple flow setting
- Abrasion and corrosion resistant
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Anti-slip rubber moulded pistol grip
- Female inlet with instantaneous male coupling, NH threads
- NFPA 1964 compliant

| Product Code No. | Bore (Dia) | Length(With threaded Inlet) | Weight (lbs) / Kg | Flow@100PSI (7kg/cm ²) | | Inlet Available |
|------------------|------------|-----------------------------|-------------------|---|-----|---|
| | | | | GPM | LPM | |
| N-SG-01 | 1 ½" | 10" | 5.7 / 2.06 | 30(115)-60(225)-95(360)-125 (473) | | 2 ½" Male Instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads |
| N-SG-02 | 1 ½" | 10" | 6.2/ 2.8 | 95(360)-125(475)-150(565)-200(750)-250(950) | | |

12 Selectable Gallonage Nozzle

II Superfire Junior



- Special design gives low back pressure
- Constant selectable gallonage nozzle with multiple flow setting
- Abrasion and corrosion resistant
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Anti-slip rubber moulded pistol grip
- Female inlet with instantaneous male coupling, NH threads
- NFPA 1964 compliant

| Product Code No. | Bore (Dia) | Length(With threaded Inlet) | Weight (lbs) / Kg | Flow@100PSI (7kg/cm ²) GPM (LPM) | Inlet Available |
|------------------|------------|-----------------------------|-------------------|--|---|
| N-SGJ-01 | 1 1/2" | 10" | 5.7 / 2.06 | 30(115)-60(225)-95(360)-125 (473) | 2 1/2" Male Instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads |

13 Multipurpose Combination Flow Nozzle : AquaJet



- Solid jet and fog facilities simultaneously or independently
- Special design gives low back pressure
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Anti-slip rubber moulded pistol grip
- NFPA 1964 compliant
- Compressed air foam (CAFS) capability

| Product Code No. | Bore (Dia) | Length | Weight (lbs)/kg | Flow Rate Solid-Jet | | Flow Rate Fog | | Flow Jet + Fog | | Inlet Available |
|------------------|------------|--------|-----------------|---------------------|-----|---------------|-----|----------------|------|---|
| | | | | GPM | LPM | GPM | LPM | GPM | LPM | |
| N-MP-16 | 1 1/2" | 9" | 5.1/2.3 | 91 | 350 | 79 | 300 | 170 | 650 | 2 1/2" Male instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads |
| N-MP-19 | 1 1/2" | 9" | 5.1/2.3 | 131 | 500 | 79 | 300 | 210 | 800 | |
| N-MP-25 | 1 1/2" | 9" | 5.1/2.3 | 226 | 860 | 79 | 300 | 305 | 1160 | |

14 Foam Tubes



- Designed to quickly attach to bumper of nozzles
- Can be used with all types of foams
- Enhances the expansion of foam solution and delivers longer reach and heavier foam blanket

| Product Code No. | Length | Fits Nozzle |
|------------------|--------|--|
| FE-FT-01 | 14" | N-CG-FAS-01, N-CG-FAS-02 |
| FE-FT-02 | 16" | N-MP-AQ-16, N-MP-AQ-19, N-MP-AQ-25, N-MP-AQ-30, N-MP-AQ-35, N-MP-AQ-40 |



15 High Pressure Nozzle . Challenger



- Designed for high pressure application up to 580 PSI / 40 kg/cm²
- Constant selectable gallonage nozzle with multiple flow setting
- Flow remains the same in all pattern
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Unbreakable Stainless steel spinning teeth
- Anti-slip rubber moulded pistol grip
- Meets the need of forestry and municipal application where water conservation is desired
- NFPA 1964 compliant

| Product Code No. | Bore (Dia) | Length(With threaded Inlet) | Weight (lbs) | Flow@100PSI (7kg/cm ²) GPM/LPM | Inlet |
|------------------|------------|-----------------------------|--------------|--|------------------|
| N-HP-01 | 1" | 7" | 2.5 / 1.16 | 13-25-40-60 / 49-95-151-227 | 1" NH (F) Thread |

16 Nozzles for Marine Application



Pistol Grip

- Special design for Navy and Coast Guard
- Corrosion resistant
- Straight stream to wide fog
- Ball valve for flow control
- Anti-slip pistol grip finger lock
- NFPA 1964 compliant

| Product Code No. | Weight (lbs) /Kg | Flow@100PSI (7kg/cm ²) | | Inlet Available |
|------------------|------------------|------------------------------------|-----|---|
| | | GPM | LPM | |
| N-CG-MA-01 | 3.5 / 1.6 | 95 | 360 | 2 1/2" Male Instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads |
| N-CG-MA-02 | 3.5 / 1.6 | 135 | 511 | |
| N-CG-MA-03 | 6.0 / 2.7 | 250 | 946 | |



1 Water Jet Monitor



- IS 8442
- Standpost mounted
- Carbon steel water ways
- Hot dip galvanised
- Bronze swivel joint with S.S ball bearings
- Flanged inlet
- Horizontal 360° & vertical +80° & -45° rotation
- Max. working pressure 150 PSI Max. / 10.5 Kg/cm²
- Locking device for horizontal and vertical position
- Solid jet nozzle

| Product Code No. | Description | Flow@100PSI (7kg/cm ²) | | Material of Construction Monitor | Material of Construction Nozzle |
|------------------|----------------|------------------------------------|------|----------------------------------|-------------------------------------|
| | | GPM | LPM | | |
| M-WJM-01 | 2 ½" Waterways | 500 | 1900 | Carbon steel S.S. Gunmetal | Gunmetal S.S. Aluminium alloy |
| M-WJM-02 | 3" Waterways | 625 | 2370 | | |
| M-WJM-03 | 3" Waterways | 750 | 3840 | | |
| M-WJM-04 | 4" Waterways | 1000 | 3790 | | |

Note: above monitors are also available with jet spray, Aqua foam nozzles & foam barrel. Please refer monitor nozzle section for nozzle details

2

Long Range Water Monitor



- Standpost mounted type
- Horizontal 360° & vertical +90° & -45° rotation
- Hand-wheel for rotation of swivel joint
- Bronze geared swivel joint with self locking
- Can be used with jet nozzle or jet spray nozzle

| Product Code No. | Description | Flow@100PSI (7kg/cm ²) | | Material of Construction Monitor | Material of Construction Nozzle |
|------------------|-------------------------------------|------------------------------------|-------|----------------------------------|---------------------------------|
| | | GPM | LPM | | |
| M-LRWM-01 | 4" Waterways with Jet Nozzle | 1000 | 3750 | Carbon steel S.S. | Gunmetal S.S. |
| M-LRWM-02 | 4" Waterways with Jet- Spray Nozzle | 1000 | 3750 | | |
| M-LRWM-03 | 4" Waterways with Jet Nozzle | 1250 | 4700 | | |
| M-LRWM-04 | 4" Waterways with Jet- Spray Nozzle | 1250 | 4700 | | |
| M-LRWM-05 | 4" Waterways with Jet Nozzle | 1500 | 5600 | Gunmetal | Aluminium alloy |
| M-LRWM-06 | 4" Waterways with Jet- Spray Nozzle | 1500 | 5600 | | |
| M-LRWM-07 | 6" Waterways with Jet Nozzle | 2000 | 7570 | | |
| M-LRWM-08 | 6" Waterways with Jet- Spray Nozzle | 2000 | 7570 | | |
| M-LRWM-09 | 8" Waterways with Jet Nozzle | 4000 | 15140 | | |

3

Long Range Water Foam Monitor



- Standpost mounted type
- Horizontal 360° & vertical +90° & -45° rotation
- Hand-wheel for rotation of swivel joint
- Available In S.S or Carbon steel
- Geared swivel joint with self locking
- 3% Or 6% Foam Induction
- Can be used with AFFF, ARFFF & Fluoro-protein foam compound
- Aqua-foam nozzle with S.S/ PVC pick up tube
- Flanged inlet 4", 6" or 8"

| Product Code No. | Description | Flow@100PSI (7kg/cm ²) | | Material of Construction Monitor | Material of Construction Nozzle |
|------------------|-------------------------------------|------------------------------------|-------|----------------------------------|---------------------------------|
| | | GPM | LPM | | |
| M-LRWM-01 | 3" Waterways with Jet- spray nozzle | 500 | 1875 | Carbon steel | Gunmetal |
| M-LRWM-02 | 3" Waterways with Jet- spray nozzle | 625 | 2370 | | |
| M-LRWM-03 | 3" Waterways with Jet- spray nozzle | 650 | 2460 | | |
| M-LRWM-04 | 4" Waterways with Jet- spray nozzle | 1000 | 3750 | S.S. | S.S. |
| M-LRWM-05 | 4" Waterways with Jet- spray nozzle | 1250 | 4700 | | |
| M-LRWM-06 | 6" Waterways with Jet- spray nozzle | 2000 | 7570 | Gunmetal | Aluminium alloy |
| M-LRWM-07 | 8" Waterways with Jet- spray nozzle | 4000 | 15140 | | |

4

Water Foam Monitor : Torpedo



I Monitor with Nozzle



- Wide range 500GPM, 750GPM, 1000GPM, 2000GPM, 4000 GPM
- Anti corrosive Stainless steel construction
- Excellent compatibility with AFFF foam
- Fog angle up to 120°
- 3% foam-proportioning nozzle
- Designed for working pressure up to 10 kg/cm²

| Product Code No. | Nozzle | Flow@100PSI (7kg/cm ²) | | Foam Induction |
|------------------|----------|------------------------------------|-------|----------------|
| | | GPM | LPM | |
| A-FM-500 | AFN-500 | 500 | 1890 | 3% |
| A-FM-750 | AFN-750 | 750 | 2840 | 3% |
| A-FM-1000 | AFN-1000 | 1000 | 3785 | 3% |
| A-FM-2000 | AFN-2000 | 2000 | 7570 | 3% |
| A-FM-4000 | AFN-4000 | 4000 | 15100 | 3% |

II Jet Ratio Controller Pump (JRCP)



- Compatible to use with UL listed water & foam monitor (TORPEDO)
- Corrosion resistant, excellent compatibility with AFFF foam
- With pressure gauges
- Covered in S.S casing for easy handling and storage
- With pick up tube and strainer

| Product Code No. | Nozzle Flow at 100 PSI | | JRCP Flow at 100 PSI | | Foam Solutions Induction |
|------------------|------------------------|-------|----------------------|-----|--------------------------|
| | GPM | LPM | LPM | GPM | |
| JRCP-1000 | 1000 | 3785 | 125 | 33 | 3% |
| JRCP-2000 | 2000 | 7570 | 190 | 50 | 3% |
| JRCP-4000 | 4000 | 15100 | 450 | 120 | 3% |
| JRCP-8000 | 8000 | 30200 | 900 | 240 | 3% |

5

Portable Ground Monitor

I Commando



- Light weight hard anodized construction
- Dual application for use as a portable monitor or deck mounting
- Safety butterfly valve
- Auto drain facility
- Safety lock at 30° above horizontal
- Available with or without foam induction or with stackable tip jet nozzles
- Stainless steel foldable legs with spikes for sturdy grip

| Product Code No. | Weight Without Nozzle Kgs(lbs) | Dimension (Inch) | Nozzle Flow upto 100 PSI (7kg/cm²) | |
|------------------|--------------------------------|------------------|------------------------------------|------|
| | | | GPM | LPM |
| WM-PGM-Commando | 19(41.8) | 20 X 8.5 X 8.5 | 1250 | 4700 |

Nozzles



II Nano



- Quick deployment due to lesser weight
- Operated by single fire fighter
- Hydraulic stability neutralizes the reaction force to stabilize the monitor
- Four folding Aluminium alloy legs with Carbide tipped spikes
- Can be easily shifted while attached to charged line
- Easily stored in the vehicle
- Consistent superior quality stream
- Safety strap and pouch provided

| Product Code No. | Weight Without Nozzle Kgs(lbs) | Dimension (Inch) | Nozzle Flow upto 100 PSI (7kg/cm²) | |
|------------------|--------------------------------|------------------|------------------------------------|-----|
| | | | GPM | LPM |

6

Remote Control Monitor : Terminator



- Available in SS, Carbon steel and Gunmetal
- Available in electric or hydroelectric remote operation
- Low maintenance cost
- Dense fog angle up to 160° for cooling
- Electric version available in AC / DC power supply
- Available in different flow range

| Product Code No. | Description | Operating Voltage | Nozzle Type | Nozzle Flow at 100 PSI (7kg/cm ²) | | Material of construction |
|------------------|------------------------------------|-------------------|----------------|---|------|--------------------------|
| WM-RCM-E01 | Electric operated model | 12VDC | Jet type | 475 | 1800 | Gunmetal |
| WM-RCM-WL-01 | Available with wireless controller | 24VDC | Jet spray type | 500 | 1900 | Carbon steel |
| WM-RCM-HE01 | Hydroelectric operated | 1ph,230VAC | | 750 | 2850 | |
| | | 3ph,415VAC | | 1000 | 3750 | |
| | | | | 1250 | 4700 | S.S |
| | | | | 2000 | 7570 | |

7

Oscillating Monitor

Stand-post Mounted



- Stand-post mounted type
- Carbon steel waterways
- Oscillating range 0 to 270° adjustable
- Un-manned operation
- Smooth sweeping action produces wave like effect
- Coated with anti corrosive coating
- Jet-spray nozzle produces thick fog
- Oscillating mechanism in Gunmetal / S.S

| Product Code No. | Description | Nozzle Flow at 100 PSI (7kg/cm ²) | |
|------------------|---|---|------|
| M-OM-SP-01 | With 3 " waterways with jet- spray nozzle | 750 | 2800 |
| M-OM-SP-02 | With 4 " waterways with jet- spray nozzle | 1000 | 3750 |

8

Trolley Mounted Monitor

- 2 ½" male instantaneous inlets with NRV
- Carbon steel waterways
- Support legs for better stability during operation
- Solid rubber two / four wheels
- Gunmetal jet nozzles or jet-spray nozzle

| Product Code No. | Description | Nozzle Flow at 100 PSI (7kg/cm ²) | | Nozzle Option |
|------------------|----------------------|---|------|------------------|
| | | GPM | LPM | |
| M-TMM-01 | With 2 ½ " waterways | 500 | 1900 | Jet nozzle |
| M-TMM-02 | With 3" waterways | 625 | 2365 | |
| M-TMM-03 | With 3" waterways | 750 | 2800 | Jet-spray nozzle |
| M-TMM-04 | With 4" waterways | 1000 | 3750 | |

9

Trailer Mounted Monitor with Foam Tank

- Available in different tank capacity
- Inlet size 2 ½" male instantaneous with NRV
- Available in different capacities of monitors 500, 625, 750,1000 GPM
- Trailer with robust construction suitable to tow with jeep
- Hand brake & overrun brakes
- S.S tank or carbon steel FRP / Thermoplastic poxy lined tank

| Product Code No. | Description | Monitor Flow at 100 PSI (7kg/cm ²) | |
|------------------|-----------------------------------|--|------|
| | | GPM | LPM |
| M-TMFT-01 | Trailer with 500 litre foam tank | 500 | 1900 |
| M-TMFT-02 | Trailer with 750 litre foam tank | 625 | 2365 |
| M-TMFT-03 | Trailer with 1000 litre foam tank | 750 | 2800 |
| | | 1000 | 3750 |



10 MONITOR NOZZLES

I Water Nozzles

a) Jet Nozzle



- Available in different flow capacities
- Flanged or threaded inlet
- Available in Gunmetal or Aluminium alloy or Stainless steel
- Max. working pressure 150 PSI /10.5 kg/cm²

| Product Code No. | Inlet Connection | Flow at 100 PSI (7kg/cm ²) | | Material of Construction |
|------------------|----------------------------------|--|-------|--------------------------|
| | | GPM | LPM | |
| M-MN-JN-01 | With 2 1/2" BSP(F) threads inlet | 475 | 1800 | Gunmetal |
| M-MN-JN-02 | With 2 1/2" NH(F) threads inlet | 475 | 1800 | |
| M-MN-JN-03 | With 2 1/2" BSP(F) threads inlet | 500 | 1900 | |
| M-MN-JN-04 | With 2 1/2" NH(F) threads inlet | 500 | 1900 | |
| M-MN-JN-05 | With 2 1/2" BSP(F) threads inlet | 625 | 2365 | |
| M-MN-JN-06 | With 2 1/2" NH(F) threads inlet | 625 | 2365 | |
| M-MN-JN-07 | With 2 1/2" BSP(F) threads inlet | 750 | 2850 | Aluminium |
| M-MN-JN-08 | With 2 1/2" NH(F) threads inlet | 750 | 2850 | |
| M-MN-JN-09 | With 3 1/2" BSP(F) threads inlet | 1000 | 3750 | S.S. |
| M-MN-JN-10 | With 3 1/2" NH(F) threads inlet | 1000 | 3750 | |
| M-MN-JN-11 | With 3 1/2" BSP(F) threads inlet | 1250 | 4700 | |
| M-MN-JN-12 | With 3 1/2" NH(F) threads inlet | 1250 | 4700 | |
| M-MN-JN-13 | With flanged inlet | 1250 | 4700 | |
| M-MN-JN-14 | With flanged inlet | 2000 | 7570 | |
| M-MN-JN-15 | With flanged inlet | 4000 | 15140 | |

b) Water Jet-Spray Nozzle



- Available in different flow capacities
- Flanged or threaded inlet
- Spray angle up to 160°
- Available in Gunmetal or Aluminium alloy
- Max. working pressure 150 PSI /10.5 kg/cm²

| Product Code No. | Inlet Connection | Flow at 100 PSI (7kg/cm ²) | | Material of Construction |
|------------------|----------------------------------|--|------|--------------------------|
| | | GPM | LPM | |
| M-MN-JSN-01 | With 2 1/2" BSP(F) threads inlet | 475 | 1800 | Gunmetal |
| M-MN-JSN-02 | With 2 1/2" NH(F) threads inlet | 475 | 1800 | |
| M-MN-JSN-03 | With 2 1/2" BSP(F) threads inlet | 500 | 1900 | |
| M-MN-JSN-04 | With 2 1/2" NH(F) threads inlet | 500 | 1900 | |
| M-MN-JSN-05 | With 2 1/2" BSP(F) threads inlet | 625 | 2365 | |
| M-MN-JSN-06 | With 2 1/2" NH(F) threads inlet | 625 | 2365 | |
| M-MN-JSN-07 | With 2 1/2" BSP(F) threads inlet | 750 | 2850 | Aluminium |
| M-MN-JSN-08 | With 2 1/2" NH(F) threads inlet | 750 | 2850 | |
| M-MN-JSN-09 | With 3 1/2" BSP(F) threads inlet | 1000 | 3750 | S.S. |
| M-MN-JSN-10 | With 3 1/2" NH(F) threads inlet | 1000 | 3750 | |
| M-MN-JSN-11 | With 2 1/4" BSP(F) threads inlet | 1000 | 4700 | |

II Foam Nozzles

a) Aqua Foam Nozzle



- Available in different flow capacities
- Self Inducting, non aspirating type
- Spray angle upto 160°
- Induction 3 or 6% preset
- Foam expansion 4 to 6 times
- Max. working pressure 150 PSI/10.5 kg/cm²

| Product Code No. | Inlet Connection | Flow at 100 PSI (7kg/cm ²) | | Material of Construction |
|------------------|--------------------------------|--|-------|---------------------------------------|
| | | GPM | LPM | |
| M-MN-AFN-01 | With 2 ½" BSP(F) threads inlet | 475 | 1800 | Gunmetal Aluminium S.S. |
| M-MN-AFN-02 | With 2 ½" NH(F) threads inlet | 475 | 1800 | |
| M-MN-JSN-03 | With 2 ½" BSP(F) threads inlet | 500 | 1900 | |
| M-MN-AFN-04 | With 2 ½" NH(F) threads inlet | 500 | 1900 | |
| M-MN-AFN-05 | With 2 ½" BSP(F) threads inlet | 625 | 2365 | |
| M-MN-AFN-06 | With 2 ½" NH(F) threads inlet | 625 | 2365 | |
| M-MN-AFN-07 | With 2 ½" BSP(F) threads inlet | 750 | 2850 | |
| M-MN-AFN-08 | With 2 ½" NH(F) threads inlet | 750 | 2850 | |
| M-MN-AFN-09 | With 3 ½" BSP(F) threads inlet | 1000 | 3750 | |
| M-MN-AFN-10 | With 3 ½" NH(F) threads inlet | 1000 | 3750 | |
| M-MN-AFN-11 | With 3 ½" BSP(F) threads inlet | 1250 | 4700 | |
| M-MN-AFN-12 | With 3 ½" NH(F) threads inlet | 1250 | 4700 | |
| M-MN-AFN-13 | With flanged inlet | 2000 | 7570 | |
| M-MN-AFN-14 | With flanged inlet | 4000 | 15140 | |

b) Aspirating Nozzle



- Available with foam inductor or without foam inductor
- Threaded flanged inlet
- Available in Copper alloy or Aluminium alloy or Stainless steel
- Induction 3 or 6 %
- Foam expansion 6 to 10 times
- Max. operating pressure 150 PSI /10.5 kg/cm²

| Product Code No. | Inlet Connection | Flow at 100 PSI (7kg/cm ²) | | Material of Construction | Options |
|------------------|--------------------------------|--|------|---------------------------------------|----------------------|
| | | GPM | LPM | | |
| M-MN-AN-01 | With 2 ½" BSP(F) threads inlet | 350 | 1325 | Gunmetal Aluminium S.S. | Jet Jet-Spray |
| M-MN-AN-02 | With 2 ½" NH(F) threads inlet | 350 | 1325 | | |
| M-MN-AN-03 | With 2 ½" BSP(F) threads inlet | 475 | 1800 | | |
| M-MN-AN-04 | With 2 ½" NH(F) threads inlet | 475 | 1800 | | |
| M-MN-AN-05 | With 2 ½" BSP(F) threads inlet | 500 | 1900 | | |
| M-MN-AN-06 | With 2 ½" NH(F) threads inlet | 500 | 1900 | | |
| M-MN-AN-07 | With 2 ½" BSP(F) threads inlet | 1000 | 3750 | | |
| M-MN-AN-08 | With 2 ½" NH(F) threads inlet | 1000 | 3750 | | |
| M-MN-AN-09 | With flanged inlet | 1250 | 4700 | | |
| M-MN-AN-10 | With flanged inlet | 1500 | 5700 | | |
| M-MN-AN-11 | With flanged inlet | 2000 | 7570 | | |

Low Expansion Foam Branch Pipe

I Model A



- IS 2097
- Inlet Connection : 2 1/2" instantaneous as per BS 336 / IS 903
- Material : Aluminum alloy or Stainless steel
- Working Pressure : 145 PSI max / 10 kg/cm²
- Foam Expansion : 8 to 10 times
- Foam Induction : Available with foam inductor or without foam Inductor

| Product Code No. | Inlet Connection | Flow at 100 PSI (7kg/cm ²) GPM LPM | | Throw Range in Meters | Material of construction |
|------------------|--------------------------------|--|-----|-----------------------------|-----------------------------|
| FE-FB-2 | Without in-built foam inductor | 60 | 225 | 15 | Aluminium alloy |
| FE-FB-2X | With in-built foam inductor | 60 | 225 | 15 | |
| FE-FB-10 | Without in-built foam inductor | 120 | 450 | 18 | |
| FE-FB-10X | With in-built foam inductor | 120 | 450 | 18 | |
| FE-FB-20 | Without in-built foam inductor | 240 | 900 | 20 | S.S |
| FE-FB-20X | With in-built foam inductor | 240 | 900 | 20 | |

II Model B



- IS 2097
- Inlet Connection : 2 1/2" instantaneous as per BS 336 / IS 903
- Material : Aluminum alloy
- Working Pressure : 145 PSI max / 10 kg/cm²
- Foam Expansion : 8 to 10 times
- Foam Induction : Available with in-built foam inductor

| Product Code No. | Description | Flow at 100 PSI (7kg/cm ²) GPM LPM | | Throw Range in Meters |
|------------------|------------------------------|--|-----|--------------------------|
| FE-FB-5X 01 | Aluminium alloy construction | 60 | 225 | 15 |
| FE-FB-5X 02 | Brass construction | 60 | 225 | 15 |

2 Medium Expansion Foam Branch Pipe



- Inlet Connection : 2 1/2" instantaneous as per BS 336 / IS 903
- Material : Stainless steel
- Working Pressure: 10 bar max.
- Foam Expansion : 50 times

| Product Code No. | Description | Flow at 100 PSI (7kg/cm ²) GPM LPM | | Throw Range in Meters |
|------------------|--------------------------------|--|-----|--------------------------|
| FE-MEP-MX5 | Without in-built foam inductor | 60 | 225 | 6 to 8 |

3 Foam Generator

I Mini Turbex



It is a high expansion foam generator. The unit consists of stainless steel casing; a pelton wheel turbine drives the fan and four jet nozzles discharge water foam solution in front of high velocity air. Foam making net is used for making foam. An inline inductor is used for inducing foam.

- Compact, light weight
- Portable, can be carried by single person
- Corrosion proof construction
- Can be used as a smoke extractor
- Foam Induction 3% preset
- Suitable for all types of foam concentrate
- Supplied with suitable foam inductor
- Nylon net, foam ducting and smoke ducting - standard accessories

| Product Code No. | Inlet Connection (NB) | Flow at 100 PSI (7kg/cm ²) | | Foam Produced | Smoke Extracted |
|------------------|---|---|-----|---------------------------|---------------------------|
| | | GPM | LPM | | |
| FE-FG-MINI | 2 ½" male Instantaneous as per BS 336 | 65 | 250 | 2825 Ft ³ /min | 3460 Ft ³ /min |

II HI-EX



It is a high expansion foam generator. It consists of a fan driven directly by the shaft of the water turbine, which blows air to the nylon net. The net is wetted by foam water solution from the spray nozzle. The foam concentrate is drawn into the water stream by means of a built-in induction system.

- By-pass valve to control foam production
- Can be used as a smoke extractor
- Lightweight
- Portable
- FRP corrosion proof body
- Low maintenance
- 2 ½" male instantaneous connection
- Inbuilt foam inductor
- Nylon net, foam ducting and smoke ducting standard accessories

| Product Code No. | Operating Condition | Inlet Pressure bar/PSI | Total water Flow GPM/LPM | By-Pass Flow GPM/LPM | Expanded Foam (M ³ /min) | Expansion |
|------------------|----------------------|------------------------|--------------------------|----------------------|-------------------------------------|-------------|
| FE-FG-MKII | By-pass valve closed | 7/100 | 61 / 230 | 38 / 145 | 145 | 800 to 1100 |
| | By-pass valve open | 7/100 | 58 / 220 | Nil | 132 | 500 to 750 |

III Inline Foam Generator



- Inline foam generator is modified version of Inline inductor. It inducts foam as well as expands it and also transports the foam a long distance
- Inlet connection : 2 1/2" male Instantaneous as per BS 336 / IS 903
- Outlet connection : 2 1/2" female Instantaneous as per BS 336 / IS 903
- Foam induction : 3 or 6%
- Max. working pressure : 145 PSI

| Product Code No. | Flow at 100 PSI (7kg/cm ²) | | Material Of Construction |
|------------------|--|-----|------------------------------------|
| | GPM | LPM | |
| FE-FG-IFG-01 | 60 | 225 | Aluminium alloy Gunmetal M.S |
| FE-FG-IFG-02 | 120 | 450 | |

4 Mobile Foam Unit

I With FRP Tank



- Made with corrosion resistant FRP tank
- Light weight, aerodynamically shaped
- Unit equipped with foam inductor, low expansion branch pipe, fire hoses
- Suitable for all type of foam concentrates
- Low maintenance

| Product Code No. | Tank Capacity |
|------------------|---------------|
| FE-MFU-FRP-01 | 100 liters |
| FE-MFU-FRP-02 | 150 liters |
| FE-MFU-FRP-03 | 200 liters |

II With Steel Tank



- Stainless steel foam tank
- Slim line, compact design
- Low center of gravity, makes steering easier
- Unit equipped with foam inductor, low expansion branch pipe, fire hoses
- Suitable for all type of foam concentrates
- Low maintenance

| Product Code No. | Tank Capacity |
|------------------|---------------|
| FE-MFU-STL-01 | 100 liters |
| FE-MFU-STL-02 | 150 liters |

5

Foam Maker with vapour Seal



- Applicable for fixed roof tank
- Available in wide flow range
- Treated with anti corrosive treatment
- Suitable for all types of foam concentrate
- 3 to 4 % foam expansion
- Flange connections as per ANSI

| Product Code No. | Inlet Connection (NB) | Outlet Connection (NB) | Flow at 50 PSI (3.5kg/cm ²) | | Material of construction |
|------------------|-----------------------|------------------------|---|--------------|--------------------------|
| | | | GPM | LPM | |
| FE-FM-WV-01 | 2" | 3" | 20 to 60 | 75 to 225 | Mild steel |
| FE-FM-WV-02 | 2 ½" | 4" | 60 to 120 | 225 to 450 | |
| FE-FM-WV-03 | 3" | 6" | 120 to 240 | 450 to 900 | |
| FE-FM-WV-04 | 4" | 8" | 240 to 475 | 900 to 1800 | |
| FE-FM-WV-05 | 6" | 10" | 475 to 715 | 1800 to 2700 | |

6

Foam Maker Without Vapour Seal



- Applicable for floating roof tank
- Available in wide flow range
- Treated with anti corrosive treatment
- Suitable for all types of foam concentrate
- 3 to 4 % foam expansion
- Flange connections as per ANSI

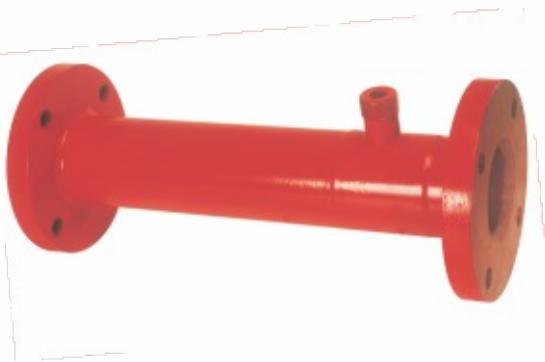
| Product Code No. | Inlet Connection (NB) | Outlet Connection (NB) | Flow at 50 PSI (3.5kg/cm ²) | | Material of construction |
|------------------|-----------------------|------------------------|---|--------------|--------------------------|
| | | | GPM | LPM | |
| FE-FM-WOV-01 | 2" | 3" | 20 to 60 | 75 to 225 | Mild steel |
| FE-FM-WOV-02 | 2 ½" | 4" | 60 to 120 | 225 to 450 | |
| FE-FM-WOV-03 | 3" | 6" | 120 to 240 | 450 to 900 | |
| FE-FM-WOV-04 | 4" | 8" | 240 to 475 | 900 to 1800 | |
| FE-FM-WOV-05 | 6" | 10" | 475 to 715 | 1800 to 2700 | |



Inline Inductor**I Variable Inline Inductor**

- 2½" Instantaneous inlet and outlet connections
- Foam induction rates can be adjusted from 0% to 6%
- Body material : Aluminium
- Inbuilt non return valve to foam inlet
- Foam concentrate drawn through a pick up tube
- Light weight, portable

| Product Code No. | Flow at 100 PSI (7kg/cm²) | |
|------------------|---------------------------|-----|
| | GPM | LPM |
| FE-ID-V-01 | 60 | 225 |
| FE-ID-V-02 | 120 | 450 |

II Fixed Inline Inductor

- For fixed installation systems
- With 3 or 6% foam induction
- Available in wide range of flow
- Carbon steel construction treated with anti corrosive coatings
- Flanged inlet & outlet connection as per ANSI

| Product Code No. | Inlet & outlet Flanges NB | Flow at 100 PSI (7kg/cm²) | | End Connection |
|------------------|------------------------------|---------------------------|--------------|---|
| | | GPM | LPM | |
| FE-ID-F-01 | 2" | 20 to 60 | 75 to 225 | Instantaneous as per BS 336/ IS 903, flanged as per ANSI |
| FE-ID-F-02 | 2.5" | 60 to 120 | 225 to 450 | |
| FE-ID-F-03 | 3" | 120 to 240 | 450 to 900 | Flanged as per ANSI |
| FE-ID-F-04 | 4" | 240 to 480 | 900 to 1800 | |
| FE-ID-F-05 | 6" | 480 to 715 | 1800 to 2700 | |

8 Foam Used In Fire Protection

I Protein Foam Compound



- DIFR Tested & TAC Approved
- Synthetic polyvalent foam forming liquid, pseudo-plastic consisting of surface active substances and polymer additives
- Having good resistance to contamination of hydrocarbons and to dehydration of polar solvents
- It is to be used in 3% concentration on hydrocarbons and at 6% concentration on polar solvents

| Product Code No. | Description | Packing Available | Certificates |
|------------------|-------------|---|--------------|
| FE-F-AL-01 | As above | 20 Ltrs Steel drums 20 Ltrs Polyethylene jerry cans 30 Ltrs Polyethylene jerry cans 200 Ltrs Steel barrels | UL / IS |

II Fluoro-protein Foam Compound



| Product Code No. | Description | Packing Available |
|------------------|-------------|--|
| FE-F-FF-01 | As above | 20 Ltrs Polyethylene jerry cans 30 Ltrs Polyethylene jerry cans 200 Ltrs Steel barrels |

III High Expansion Foam Compound



| Product Code No. | Description | Packing Available |
|------------------|-------------|--|
| FE-F-HEF-01 | As above | 20 Ltrs Polyethylene jerry cans 30 Ltrs Polyethylene jerry cans 200 Ltrs Steel barrels |

IV Aqueous Film Forming Foam (AFFF)



| Product Code No. | Description | Packing Available |
|------------------|---------------|--|
| FE-F-HEF-01 | Non UL Listed | 20 Ltrs Polyethylene jerry cans 30 Ltrs Polyethylene jerry cans 200 Ltrs Steel barrels |
| FE-F-AFFF-02 | UL listed | |



9

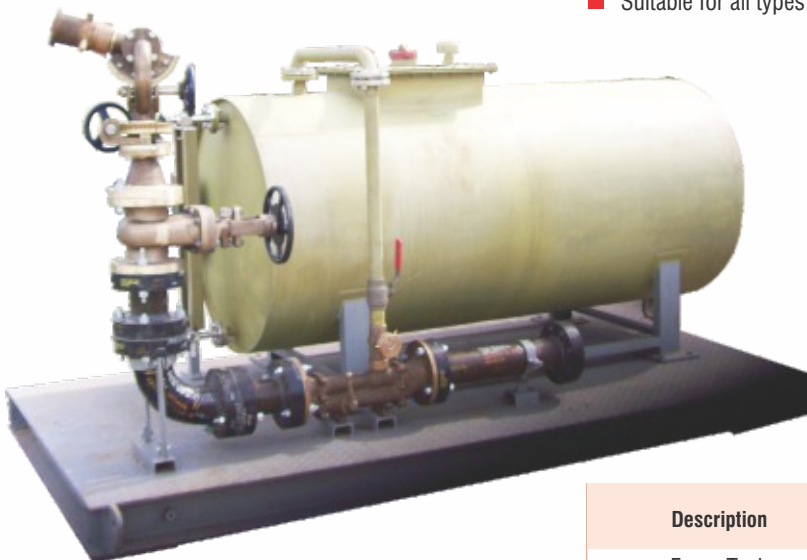
Foam Bladder tank

- Complete with bladder tank, controlling system, foam proportionating system control valves
- Designed & constructed in accordance with ASTM Codes
- Available in vertical & horizontal mounting type
- Available from 95 liters to 5600 liters in vertical mounting
- All tanks include : Trim valve, bladder & bladder vent valve
- 0 to 6% Induction
- Suitable for all types of foam

10

Skid Mounted Monitor with Foam Tank

- Complete with steel foam tank, eductor and monitor
- Design code - ASME SEC VIII DIV I
- Foam tank
- Induction 0 to 6% selectable
- Suitable for all types of foam



| Description | Material of construction | Capacity |
|-------------------------------------|--------------------------|---|
| Foam Tank | SS 304 / SS 316 | Upto 3000 liters |
| Monitor, jet spray nozzle, inductor | Bronze | Upto 500 GPM / 1900 LPM @ 100 PSI / 7kg/cm ² |
| Skid | M.S. | |

Water Spray Nozzles

I Medium Velocity Nozzle



| Product Code No. | Description | Threaded Inlet Connection | 'K' Factor | Spray Angle In Degree | Material of Construction | Finish |
|------------------|-------------|---------------------------|--|-----------------------------------|--------------------------|-----------------------|
| SSE-SN-M-01 | 1/2" Size | BSP BSPT NPT | 24, 28, 31, 36, 41, 45, 51, 57, 61, 66, 71, 76, 81, 86, 91 | 60,75,80, 90,100,110, 120,140,180 | Forged Bass | Natural Chrome plated |
| SSE-SN-M-02 | 3/4" Size | | | | | |

II High Velocity Nozzle



| Product Code No. | Description | Threaded Inlet Connection | 'K' Factor | Spray Angle In Degree | Material of Construction | Finish |
|------------------|-------------|---------------------------|----------------------|-----------------------|--------------------------|-----------------------|
| SSE-SN-M-01 | 1/2" Size | BSP BSPT NPT | 18 25 32 47 | 75 80 85 90 | Brass S.S 304 | Natural Chrome plated |
| SSE-SN-M-02 | 3/4" Size | | | | | |

2 Automatic Sprinklers



- UL listed
- Made out of bronze
- Maximum working pressure 175 PSI / 12.3 kg/cm²

I Pendent Type



| Response Type | Orientation | SIN No. | K Factor | Make | End Connection | Temperature Rating | Approval | Finish |
|---------------|-------------|----------------|----------|---------------|---------------------|--------------------|-----------|---------------|
| Standard | Pendant | NISRP02/ NI052 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL Listed | Chrome Finish |
| Quick | Pendant | NIQRP02/ NI062 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL Listed | Chrome Finish |

K.K. ENTERPRISES

Fire Fighting & Electrical Works

II Upright Type



- UL Listed
- Made out of Bronze
- Maximum working pressure 175 PSI / 11.6 kg/m²

| Response Type | Orientation | SIN No. | K Factor | Make | End Connection | Temperature Rating | Approval | Finish |
|---------------|-------------|---------------|----------|---------------|---------------------|--------------------|-----------|---------------|
| Standard | Upright | NISRU02/NI032 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL listed | Chrome finish |
| Quick | Upright | NIQRU02/NI042 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL listed | Chrome finish |

III Side Wall Mounted Type



- UL Listed
- Made out of Bronze
- Maximum working pressure 175 PSI / 11.6 kg/m²

| Response Type | Orientation | SIN No. | K Factor | Make | End Connection | Temperature Rating | Approval | Finish |
|---------------|---------------------|---------|----------|---------------|---------------------|--------------------|-----------|---------------|
| Standard | Horizontal Sidewall | NI012 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL listed | Chrome finish |
| Quick | Horizontal Sidewall | NI022 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL listed | Chrome finish |

IV Concealed Sprinklers



- Discharge rate : 22 GPM
- Max. working pressure : 175 PSI / 11.6 kg/cm²
- Nominal temp. : 68° and cover plate 57°
- Hole dia required in ceiling : 60 to 70 mm
- Fusible metal : Tin alloy about 60%

| Response Type | Orientation | SIN No. | K Factor | Make | End Connection | Temperature Rating | Approval | Finish |
|---------------|-------------|---------|----------|---------------|---------------------|--------------------|-----------|---------------|
| Standard | Concealed | NI072 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL listed | Chrome finish |
| Quick | Concealed | NI082 | 5.6(80) | NEWAGE | 1/2" NPT or 1/2" PT | 68°C/79°C | UL listed | Chrome finish |

Note : a) 57°C/93°C - Standard response Pendant / Upright SIN No.- NI 032 / NI052 respectively

b) 57°C/93°C - Quick response Pendant / Upright SIN No.- NI032 / NI052 respectively

3

Sprinkler Flexible Hoses

I Unbraided Flexible Sprinkler Hose



| Model | Rated Working Pressure, PSI | Outlet, inch | K-factor | Assembly Length, ft (mm) | Max. no. of 90° bends | Min. Bend Radius, inch | Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft |
|-----------|-----------------------------|--------------|----------|--------------------------|-----------------------|------------------------|--|
| NFAP25-07 | 200 | 1/2" | 5.6(80) | 2.3 (700) | 1 | 5 | 26 |
| NFAP25-10 | 200 | 1/2" | 5.6(80) | 3.3 (1000) | 1 | 5 | 36 |
| NFAP25-12 | 200 | 1/2" | 5.6(80) | 3.9 (1200) | 3 | 5 | 67 |
| NFAP25-15 | 200 | 1/2" | 5.6(80) | 4.9 (1500) | 3 | 5 | 84 |
| NFAP25-18 | 200 | 1/2" | 5.6(80) | 5.9 (1800) | 3 | 5 | 101 |

| | | | | | | | |
|-----------|-----|------|----------|------------|---|---|-----|
| NFAP25-07 | 200 | 3/4" | 8.0(115) | 2.3 (700) | 1 | 5 | 32 |
| NFAP25-10 | 200 | 3/4" | 8.0(115) | 3.3 (1000) | 1 | 5 | 42 |
| NFAP25-12 | 200 | 3/4" | 8.0(115) | 3.9 (1200) | 3 | 5 | 73 |
| NFAP25-15 | 200 | 3/4" | 8.0(115) | 4.9 (1500) | 3 | 5 | 77 |
| NFAP25-18 | 200 | 3/4" | 8.0(115) | 5.9 (1800) | 3 | 5 | 105 |

| Model | Rated Working Pressure, PSI | Outlet, inch | K-factor | Assembly Length, ft (mm) | Max. no. of 90° bends | Min. Bend Radius, inch | Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft |
|-------------|-----------------------------|--------------|----------|--------------------------|-----------------------|------------------------|--|
| NI25UB-700 | 175 | 1/2" | 5.6(80) | 2.3 (700) | 1 | 4 | 24 |
| NI25UB-1000 | 175 | 1/2" | 5.6(80) | 3.3 (1000) | 2 | 4 | 44 |
| NI25UB-1200 | 175 | 1/2" | 5.6(80) | 3.9 (1200) | 2 | 4 | 49 |
| NI25UB-1500 | 175 | 1/2" | 5.6(80) | 4.9 (1500) | 2 | 4 | 59 |
| NI25UB-1800 | 175 | 1/2" | 5.6(80) | 5.9 (1800) | 3 | 4 | 84 |

| | | | | | | | |
|-------------|-----|------|----------|------------|---|---|----|
| NI25UB-700 | 175 | 3/4" | 8.0(115) | 2.3 (700) | 1 | 4 | 30 |
| NI25UB-1000 | 175 | 3/4" | 8.0(115) | 3.3 (1000) | 2 | 4 | 48 |
| NI25UB-1200 | 175 | 3/4" | 8.0(115) | 3.9 (1200) | 2 | 4 | 55 |
| NI25UB-1500 | 175 | 3/4" | 8.0(115) | 4.9 (1500) | 2 | 4 | 64 |
| NI25UB-1800 | 175 | 3/4" | 8.0(115) | 5.9 (1800) | 3 | 4 | 86 |



II Braided Flexible Sprinkler Hose



| Model | Rated Working Pressure, PSI | Outlet, inch | K-factor | Assembly Length, ft (mm) | Max. no. of 90° bends | | Min. Bend Radius, inch | | Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft | |
|--------------|-----------------------------|--------------|----------|--------------------------|-----------------------|----|------------------------|------|--|------|
| | | | | | UL | FM | UL | FM | UL | FM |
| NI27-SB-700 | 200 | 1/2" | 5.6(80) | 2.3 (700) | 1 | 1 | 5 | 11.8 | 26 | 33.0 |
| NI27-SB-1000 | 200 | 1/2" | 5.6(80) | 3.3 (1000) | 1 | 2 | 5 | 11.8 | 36 | 43.6 |
| NI27-SB-1200 | 200 | 1/2" | 5.6(80) | 3.9 (1200) | 3 | 3 | 5 | 11.8 | 67 | 55.9 |
| NI27-SB-1500 | 200 | 1/2" | 5.6(80) | 4.9 (1500) | 3 | 4 | 5 | 11.8 | 84 | 67.5 |
| NI27-SB-1800 | 200 | 1/2" | 5.6(80) | 5.9 (1800) | 3 | 4 | 5 | 11.8 | 101 | 78.8 |

| | | | | | | | | | | |
|--------------|-----|------|----------|------------|---|---|---|------|-----|-------|
| NI27-SB-700 | 200 | 3/4" | 8.0(115) | 2.3 (700) | 1 | 1 | 5 | 11.8 | 32 | 28.3 |
| NI27-SB-1000 | 200 | 3/4" | 8.0(115) | 3.3 (1000) | 1 | 2 | 5 | 11.8 | 42 | 48.1 |
| NI27-SB-1200 | 200 | 3/4" | 8.0(115) | 3.9 (1200) | 3 | 3 | 5 | 11.8 | 73 | 86.8 |
| NI27-SB-1500 | 200 | 3/4" | 8.0(115) | 4.9 (1500) | 3 | 4 | 5 | 11.8 | 77 | 111.0 |
| NI27-SB-1800 | 200 | 3/4" | 8.0(115) | 5.9 (1800) | 3 | 4 | 5 | 11.8 | 105 | 120.8 |

| Model | Rated Working Pressure, PSI | Outlet, inch | K-factor | Assembly Length, ft (mm) | Max. no. of 90° bends | | Min. Bend Radius, inch | | Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft | |
|----------|-----------------------------|--------------|----------|--------------------------|-----------------------|----|------------------------|----|--|------|
| | | | | | UL | FM | UL | FM | UL | FM |
| NI25B-07 | 175 | 1/2" | 5.6(80) | 2.3 (700) | 1 | 1 | 7.5 | 10 | 12 | 26.4 |
| NI25B-10 | 175 | 1/2" | 5.6(80) | 3.3 (1000) | 1 | 1 | 7.5 | 10 | 42 | 34.1 |
| NI25B-12 | 175 | 1/2" | 5.6(80) | 3.9 (1200) | 3 | 2 | 7.5 | 10 | 53 | 46.8 |
| NI25B-15 | 175 | 1/2" | 5.6(80) | 4.9 (1500) | 3 | 3 | 7.5 | 10 | 68 | 61.4 |
| NI25B-18 | 175 | 1/2" | 5.6(80) | 5.9 (1800) | 3 | 4 | 7.5 | 10 | 94 | 76.1 |

| | | | | | | | | | | |
|----------|-----|------|----------|------------|---|---|-----|----|----|------|
| NI25B-07 | 175 | 3/4" | 8.0(115) | 2.3 (700) | 1 | 1 | 7.5 | 10 | 21 | 19.4 |
| NI25B-10 | 175 | 3/4" | 8.0(115) | 3.3 (1000) | 1 | 1 | 7.5 | 10 | 47 | 28.4 |
| NI25B-12 | 175 | 3/4" | 8.0(115) | 3.9 (1200) | 3 | 2 | 7.5 | 10 | 49 | 39.5 |
| NI25B-15 | 175 | 3/4" | 8.0(115) | 4.9 (1500) | 3 | 3 | 7.5 | 10 | 73 | 54.8 |
| NI25B-18 | 175 | 3/4" | 8.0(115) | 5.9 (1800) | 3 | 4 | 7.5 | 10 | 99 | 70.1 |

4

Alarm Valve



- UL listed
- Made from Cast Iron
- Rated pressure 175 PSI / 11.6 kg/cm²
- Test pressure 350 PSI / 23.2 kg/cm²

| Product Code No. | Description |
|------------------|--|
| SSE-AV-01 | 4" Flanged connection vertical installed |
| SSE-AV-02 | 6" Flanged connection vertical installed |

5

Butterfly Valve



Specifications

- Type : Wafer / Grooved end
- Size : 2 1/2" , 3" , 4" , 6" & 8"
- Working Pressure : 175 PSI / 12.25 kg/m² & 300 PSI / 21kg/m²
- Hydro test Pressure: 350 PSI / 24.5 kg/m² & 600 PSI / 42 kg/m²

Factory installed UL approved tampered switch for indoor and outdoor use.

Materials

- Body : Ductile Iron, Nylon-11 coated with EPDM gasket
- Disc : Ductile Iron, EPDM encapsulated
- Stem : Stainless steel, hardened and tempered
- Housing : Ductile Iron (ASTM A-536)
- Hand wheel : Ductile Iron (ASTM A-536)



Portable Fire Fighting Pump

I Low Discharge Pump



- IS 942
- Diesel engine operated pump
- Diesel engine : 1080CC single cylinder, air cool, 7.2 HP
- Pump : Single stage centrifugal, high tensile aluminium alloy
- Inlet : 3" Male round threads
- Outlets : 2 1/2" female instantaneous
- Priming : Exhaust priming system
- Starting : Battery started
- Output : 545 LPM @ 2.5 Kg/cm²
305 LPM @ 3.5 Kg/cm²
275 LPM @ 4.0 Kg/cm²

II High Discharge Pump - Mfd. By M/s. Tohatsu Corp., Japan

Model : VC82ASE



Model : VF 53AS



Model : V20D2S



| Specifications | VC82ASE | VF53AS | V20D2S |
|----------------------------------|--|--|--|
| Product code | FP-HP-HD-01 | FP-HP-HD-02 | FP-HP-HD-03 |
| Engine | 2 Stroke water cooled gasoline engine | 4 Stroke water cooled gasoline engine | 2 Stroke air cooled gasoline engine |
| Pump | Single suction Single stage | Single suction Single stage | Single suction Single stage |
| Inlet | 4" Male round thread | 3" Male round thread | 3" Male round thread |
| Outlet | 2Nos. 2 1/2" female instantaneous as per IS 903 / BS 336 | 2Nos. 2 1/2" female instantaneous as per IS 903 / BS 336 | 1No. 2 1/2" female instantaneous as per IS 903 / BS 336 |
| Starting | Electric & recoil start | Electric & recoil start | Electric & recoil start |
| Priming | Rotary-vane vacuum pump-oilless type | Rotary-vane vacuum pump-oilless type | Rotary-vane vacuum pump-oilless type |
| Max outlet pressure | 145 PSI/10 kg/cm ² | 145 PSI/10 kg/cm ² | 115 PSI/8 kg/cm ² |
| Control panel | Centralised control panel for controlling pump | Centralised control panel for controlling pump | Centralised control panel for controlling pump |
| Performance at 3m suction height | 2050 LPM @ 6 kg/cm ² 1800 LPM @ 8 kg/cm ² 1500 LPM @ 10 kg/cm ² | 1200 LPM @ 6 kg/cm ² 950 LPM @ 8 kg/cm ² 700 LPM @ 10 kg/cm ² | 650 LPM @ 5 kg/cm ² 400 LPM @ 7 kg/cm ² |

2

Aqua Float - The Floating Pump

Model A



Model B



Model C



- Light weight and portable
- Can be operated by a single person
- Uses : 1. Fire fighting 2. Dewatering 3. Rescue Operation 4. Marine applications 5. Pool maintenance 6. Irrigation

| Specifications | Model A | Model B | Model C |
|----------------------|---|---|---|
| Engine | 2 Stroke air cooled gasoline engine | 4 Stroke air cooled gasoline engine | 4 Stroke air cooled gasoline engine |
| Pump | Single stage self priming | Single stage self priming | Single stage self priming |
| Outlet | 2½" Female instantaneous as per IS 903 / BS 336 | 2½" Female instantaneous as per IS 903 / BS 336 | 2½" Female instantaneous as per IS 903 / BS 336 |
| Max. outlet pressure | 100 PSI / 7 kg/cm ² | 45 PSI / 3 kg/cm ² | 38 PSI / 2.5 kg/cm ² |
| Max. flow | 140 GPM / 530 LPM | 95 LPM / 360 LPM | 310 GPM / 1180 LPM |
| Weight | 20 kgs | 29.5 kgs | 26 kgs |
| Float | Polyethylene filled with PU foam | Polyethylene filled with PU foam | Polyethylene filled with PU foam |

3

Turbo Pump



- It is a water turbine driven centrifugal pump
- Mixing of clean drive water with pump medium does not take place
- Turbine inlet and outlet : 2 ½" male and female Instantaneous as per BS 336 / IS 903
- Pump outlet : 2 1/2" female instantaneous as per BS 336 / IS 903
- Feed water flow : 225 GPM / 900 LPM @ 100 PSI / 7 kg/cm²
- Flood water flow : 350 GPM / 1325 LPM at 6 meter head
185 GPM / 700 LPM at 15 meter head
- Strainer made of Brass / S.S

| Product Code No. | Material of Construction |
|------------------|--------------------------|
| FP-TP-01 | Gunmetal |



4

Dewatering Pump

I Ejector Pump



- Material of construction : Aluminium alloy
- Working pressure : Max- 145 PSI / 10 kg/cm²
Min-72 PSI / 5 kg/cm²
- Feed water inlet : 2 1/2" Instantaneous as per BS 336 / IS 903
- Suction inlet : 4" Round male thread
- Suction outlet : 4" Round male thread
- Max. suction depth : 10 meters

| Product Code No. | Performance |
|------------------|---|
| FP-EP-01 | 170 GPM / 645 LPM @100 PSI / 7 kg/cm ² |
| FP-EP-02 | 150 GPM / 570 LPM @100 PSI / 7 kg/cm ² |

II Adjustable Ejector Pump



- The adjustability features, make it possible to vary the angle of throw of water for effective operation
- Material of construction : Aluminium alloy
- Working Pressure : Max- 10 bar , Min-5 bar
- Suction Inlet : 2 1/2 " male instantaneous as per BS 336 / IS 903
- Suction Outlet : 2 1/2" female instantaneous as per BS 336 / IS 903

| Product Code No. | Feed Water Flow | Floodwater Flow |
|------------------|--|------------------------|
| FP-AEP-01 | 66 GPM / 250 LPM @100 PSI / 6 kg/cm ² | 140 GPM @ 6 Meter head |

5

Portable Water Mist System



- It uses automatised water in dense mist form for fire extinguishing
- Suitable for both class A and class B fires
- Rapid attack pistol with triplex attachment for jet, spray and foam
- Non conductive, safe on electrical equipment and computers
- Non-corrosive, Non-irritant, Non-toxic and Bio-degradable
- Minimal maintenance
- Pressure upto 250 bar
- Flow upto 50 LPM
- Model : FP 100
- Engine : 13 HP, 4 stroke, petrol engine
- Pump : Triplex plunger pump,
26 LPM @ 120 bar, 1450 rpm
- Tank capacity : water : 100 liters, foam : 30 liters
- Hose reel : 20 meters of high pressure hose

Warning Appliances

I Hand Operated Siren



- IS 6026
- Cradle mounted
- Made from Aluminium alloy
- Range : 1.6 Km

Product Code No.

MIS-WA-02

II Electric Operated Siren



- Available in horizontal and vertical mounted
- Made from Aluminium alloy
- 12VDC or 24VDC or 200 V or 440VAC operated
- Audible range in KM is 0.10 to 16

Product Code No.

MIS-WA-03

III Flame Proof & Weather Proof Megaphone



- Certified by PESO for use in Zone-1 & Zone-2 hazardous area and gas group IIA, IIB & IIC.
- Bearing IS/IEC 60079-0:2007, IS/IEC 60079-1:2007, IS/IEC 60079-11:2006, IS/IEC 60529:2001 mark
- Suitable for use in hazardous industrial environment
- The microphone attached to the megaphone is equipped with a talk switch and volume control that offer easy operation
- Audible range of 1km in still air and 500m in noisy areas
- Suitable for use in indoor & outdoor areas
- Strong metallic body with rubber edge protector
- Built in switchable siren function
- Strong shoulder strap for easy carrying of the megaphone
- Power source : Battery pack
- Dimensions (W X H X L) : 271 x 313 x 418 mm.
- Weight : 4.8 kg approx.

2 Smoke Extractor Fan

A) Water Turbine Driven



- Water turbine driven smoke extractor fan
- Corrosion resistant stainless steel construction
- Light weight, portable
- Inlet and outlet are 2 1/2" instantaneous
- 3 meter long P.V.C. collapsible ducting for carrying smoke

| Product Code No. | Performance |
|------------------|---|
| MIS-SEF-01 | Smoke Extraction 55 m ³ / min at 100 PSI / 7 kg/cm ² Water inlet pressure |

B) Petrol Engine Driven



- Petrol engine driven smoke extractor fan
- Mild steel construction
- Light weight, portable
- Accessories
 - Φ 300 mm x 7.5 m PVC flame retardant collapsible suction hose
 - Φ 300 mm x 20 m PVC flame retardant flat delivery hose

| Product Code No. | Performance |
|------------------|--|
| MIS-SEF-02 | Smoke extraction 60 m ³ / min |

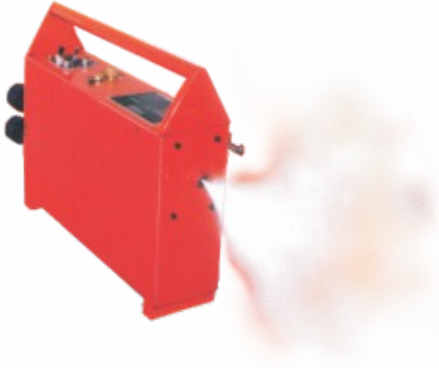
C) Electric Motor Driven



- Flameproof motor driven smoke extractor fan
- Corrosion resistant Aluminium alloy construction
- Light weight, portable
- Accessories
 - Φ 300 mm x 5 m PVC flame retardant collapsible suction hose
 - Φ 300 mm x 5 m PVC flame retardant flat delivery hose

| Product Code No. | Performance |
|------------------|--|
| MIS-SEF-03 | Smoke extraction 15 m ³ / min |

3 Smoke Generator For Training Purpose



- Compact, portable, high performance and reliable smoke machine
- Capable of producing a large volume of dense smoke
- Smoke produced is white, non toxic, non flammable
- Running time 30 minutes
- Warm up time 15 minutes

| Product Code No. | Performance |
|------------------|--------------------------------------|
| MIS-SG-01 | Smoke output 20 M ³ / min |

4 Hose Washing Machine



- Aluminium alloy construction
- Inlet - 2½ inst.
- Washes hoses with coupling
- Operating pressure - 100PSI / 7 kg/cm²

5 Hose Binding Machine



- Compatible for binding fire hoses with delivery hose couplings and suction hose couplings
- Drive: 440V, 3 phase electric generator motor
- Rugged construction
- Easy to maintain
- Accessories: Complete set of 1½" & 2½" instantaneous adaptors and 3" & 4" suction adaptors

