

FOAM BLADDER TANK PROPORTIONING SYSTEM

- Capacity: 200 to 15,000 litres (53 to 4000 gal)
- Vertical or Horizontal unit
- Maximum working pressure 12 kg/cm.sq (175 psi)
- Carbon Steel or Stainless Steel Construction Tank made to latest revision of ASME Code Section VII Div I
- Compatible with all foam concentrates
- Nylon reinforced Buna-n-rubber bladder
- Proportioner pre-piped on to the tank
- Bladder Tank filling kit provided (if required)
- ASME U Stamp / CE mark (optional)



CUSTOM ENGINEERED SKIDS



DUAL BLADDER TANK SKIDS

- Vertical or Horizontal Dual units skid mounted
- First Bladder tank is the operating tank and the second one is standby/reserve
- Carbon Steel or Stainless Steel Construction
- Tanks made to ASME Code Section VIII Div I
- ASME U stamp available as an option



BLADDER TANK WITH MULTIPLE PROPORTIONERS

- Vertical or Horizontal bladder tanks
- Multiple lines connected for multiple locations
- Depending on flow, multiple lines can be operational at one time



FOAM SKIDS

- Custom Engineered Foam skid as per project specific requirements
- Foam concentrate tank, Foam pump, proportioner and control panel are skid mounted
- Completely pre-assembled and tested in factory



CUSTOM ENGINEERED DELUGE SKIDS

- Custom engineered deluge skid is designed and manufactured as per specific project requirements
- Skid can be open frame or also enclosed with insulation and temperature control function
- Can be manufactured in suitable material for corrosive and harsh environments
- Completely assembled and tested in factory



HD FIRE PROTECT



AUTHORIZED DISTRIBUTOR AND SERVICE CENTER :
PT. SABERINDO PACIFIC
 Kompleks Ruko Mega Grosir Cempaka Mas Blok J No.10
 Jl. Letjend. Suprpto, Jakarta 10640
 Phone. +62 21 4288 8282 (Hunting) | Fax. +62 21 4287 2323
www.saberindo.co.id

PROTECTING WHAT MATTERS MOST TO YOU

MEDIUM VELOCITY WATER SPRAY NOZZLES



- Size: 1/2" BSPT or NPT
- Open orifice design used in deluge water spray system
- Non-automatic fixed pattern, external deflector
- Solid cone discharge
- K-factor (Metric): 18, 22, 30, 35, 41, 51, 64, 79, 91 & 102
- K-factor (US): 1.26, 1.54, 2.10, 2.45, 2.87, 3.57, 4.48, 5.53, 6.37 & 7.14
- Spray angle: 65°, 80°, 90°, 100°, 110°, 120° & 140°
- Each nozzle permanently marked with model number, batch number, spray angle, K-factor, UL & FM mark
- Approvals:

UL Listed and FM Approved (All Models)
Lloyd's Register Type approval for marine applications
FM Approved Blow-Off Plug

HIGH VELOCITY WATER SPRAY NOZZLES

MODEL HV-AS & HV-BS

- Size: 3/4" BSPT or NPT
- HV-AS in Brass material with Cooper Strainer
- HV-BS in Stainless Steel material with Stainless Steel Strainer
- Non-automatic, open orifice, directional spray nozzle
- For high velocity water application for protection of flammable liquid and electric transformers
- K-factor: K-22 x 75°, K-18 x 80°, K-26 x 100°, K-32 x 90°, K-42 x 115° and K-23 x 120°
- Nozzle also available with blow-off cap
- Approvals: **UL Listed**

MODEL HV-HB & HV-H

- Size: 1" BSPT or NPT
- HV-HB in Brass material with Cooper Strainer
- HV-H in Stainless Steel material with Stainless Steel Strainer
- Non-automatic, open orifice, directional spray nozzle
- For high velocity water application for protection of flammable liquid and electric transformers
- K-factor: K-48 x 100°, K-58 x 100°, K-61 x 75°, K-78 x 90°
- Approvals: **UL Listed**



ALARM VALVE

ALARM VALVE MODEL H

- Size: 80, 100, 150 & 200 mm (3", 4", 6" & 8")
- Ductile Iron ASTM A536 construction
- Maximum service pressure 17.5 kg/cm.sq (250 psi)
- Vertical mounting
- End Connection: Flanged x Flanged, Grooved x Grooved, Flanged x Grooved
- Variable Pressure Trim with Retard Chamber and Water Motor Gong
- Epoxy painted internally & externally
- For use in wet pipe (automatic sprinkler) fire protection system
- Automatically actuates electrically and/or hydraulically operated alarms during steady flow of water in sprinkler systems
- Approvals: **UL Listed & FM Approved**



WATER MOTOR GONG BELL MODEL GA

- Hydraulic operated mechanical bell used along with fire protection system valves
- Corrosion resistant Aluminum alloy material, epoxy coated all over
- Wall mounted (Type B) or direct online mounting type (Type A)
- Approvals: **UL Listed & FM Approved**

RETARD CHAMBER MODEL RC9

- Retard Chamber is used with Alarm Valve Trim when variable pressure is anticipated in the system. It is a holding tank to prevent sounding of Sprinkler Alarm during water pressure surge
- Stainless Steel material of construction
- Connection: 3/4" BSPT (F)
- Approvals: **UL Listed & FM Approved**

FLOW & PRESSURE SWITCHES

- Flow Switch
- Size: 2" to 8"
- Vane type water flow switch for use in wet sprinkler systems
- Approvals: **UL Listed & FM Approved**
- High/Low Pressure Switch
- Designed to detect pressure increase or decrease in fire protection systems
- Explosion-proof model available
- Approvals: **UL Listed & FM Approved**

SPRINKLER

PENDENT AND UPRIGHT SPRINKLER

- Standard and quick response with standard coverage
- Pendant or Upright mounting
- Temperature rating: 57°, 68°, 79° & 93°C
- K-factor: 5.6 dan 4.2
- Brass, Chrome or White / Custom colour finish
- Recessed Pendant Sprinklers available with various Escutcheon Plates
- Approvals: **UL Listed & FM Approved**



HORIZONTAL SIDEWALL SPRINKLER

- Standard and quick response with standard & extended coverage
- Horizontal Sidewall mounting
- Temperature rating: 57°, 68°, 79° & 93°C
- K-factor 5.6
- Brass, Chrome or White / Custom colour finish
- Approvals: **UL Listed & FM Approved**



SPRINKLER FLEXIBLE DROP

- Flexible Sprinkler Connections
- Braided & Unbraided
- Complete unit, a corrugated stainless steel flexible with nipple, reducer, bar and brackets
- Sizes: 700mm, 1000mm, 1200mm, 1500mm, 1800mm
- Max Service Pressure - 12 kg/cm.sq
- Approvals: **UL Listed & FM Approved**



CONCEALED SPRINKLER

- Standard and quick response
- Temperature rating:
 - 75°C & 68°C for Sprinkler bulb & 57°C for Cover Plate
 - 79°C & 93°C for Sprinkler bulb & 68°C (155°F) for Cover Plate
- K-factor 5.6
- Brass Sprinkler with White or Chrome finish Cover Plate
- Approvals: **UL Listed & FM Approved**



WINDOW SPRINKLER - VERTICAL SIDEWALL

- Standard and quick response with standard coverage
- Vertical Sidewall mounting
- Temperature rating: 57°, 68°, 79° & 93°C
- K-factor 5.6 and 4.2
- Brass, Chrome or White / Custom colour finish
- Approvals: **UL Listed**



SPRINKLER GUARD

- Sprinkler guard comes in hard-wired cage design, chrome plated
- Used for encasing the sprinkler and protecting it from any inadvertent damages
- Suitable for pendent and upright mounted sprinklers



DELUGE VALVES



MODEL - A (CAST IRON)

- Size: 200, 150, 100, 80 & 50NB
- Service pressure 1.4 to 17.5 Bar
- Max. service pressure 12 Bar (175 PSI)
- 90° pattern inlet to outlet vertical mounting
- Trim: galvanized steel with brass valves
- Ordering information:
 1. size of valve
 2. trim of type - dry pilot, wet pilot, electric release, test & alarm
- Approvals: **UL Listed**



MODEL - H5 (NICKEL ALUMINIUM BRONZE)

- Size: 200, 150, 100, 80 & 50NB
- Service pressure 1.4 to 17.5 Bar
- Vertical or horizontal mounting
- End connection: Flange x Flange, Groove x Groove
- Ordering information:
 1. size of valve
 2. flange specification, or for grooved end specify pipe outside diameter
 3. valve trim vertical or horizontal
 4. trim type
- Approvals: **UL Listed**



MODEL - H2 (CAST STEEL) & MODEL - H3 (DUCTILE IRON)

- Size: 200, 150, 100, 80 & 50NB
- Service pressure 1.4 to 17.5 Bar
- Vertical or horizontal mounting
- End connection: Flange x Flange, Groove x Groove
- Ordering information:
 1. size of valve
 2. flange specification, or for grooved end specify pipe outside diameter
 3. valve trim vertical or horizontal
 4. trim type
- Approvals: **UL Listed**